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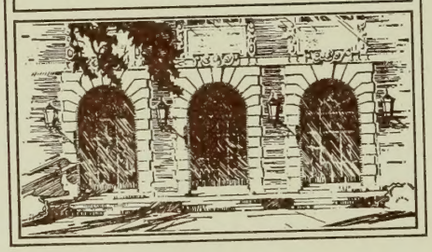

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The Buying Highway of National Business

In this Directory and Guide you will find the names, merchandise and services of America's most efficient and successful concerns woven into the fabric of a nationalized trade.

Here is built a Buying Highway—with pages for streets—along which are arrayed in classified order the dependable quality wares of the country's most successful organizations.

Progressive concerns—equipped to handle national distribution—paving the way for it, and desiring it—are among those listed in this Directory.

Active local businesses are represented in its pages, for the same reason that each branch of any national concern utilizes it for inquiries and order production.

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Donnelley's National Classified Telephone Directory and Buyers' Guide

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How to Use The National Directory and Guide

Unite Your Purchasing Power With These Original Sources of Supply in Each Industry

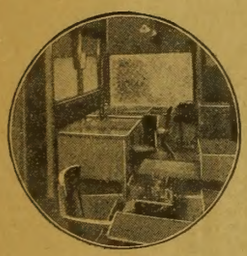
NEW YORK OFFICE

NEW YORK OFFICE

To serve is the mission of this book. Only by giving you the business facts you want to know, can it merit the right to your confidence and use.

Its message clearly points the way to a definite and exact knowledge of values — the location of national and local supplies and the means of dependable, economical buying amidst present day disturbances. It places the manufacturing and selling facilities of a nation at your finger tips. It puts you in touch with concerns whose goods, methods and prices will interest you from a buying standpoint.

Materials and Finished Products Classified, Indexed and Catalogued

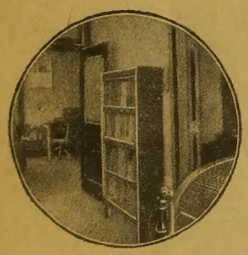

CINCINNATI OFFICE

PHILADELPHIA OFFICE

Men think according to the principles that underly classification. Industries spend fabulous sums in simplifying their records through this means. For the same reason this book is divided into three sections that you may more quickly and easily locate the information you need.

The "Business Section" (Section One) contains classified listings of materials, merchandise and services nationally offered by representative organizations, together with names, addresses and telephone numbers of the concerns ready to supply your demands.

In the "Geographical Section" (Section Two) all businesses are classified alphabetically by state, city and kind, so that you can speedily find the source of any local supply near you or near any of your branches — in any part of the country — for immediate delivery.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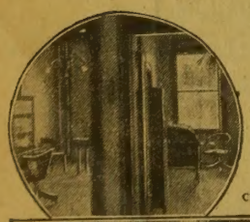
A Catalog of Genuine Values Establishes Complete Sales Service

The "Catalog Section" (Section Three) contains detailed and specific information about the merchandise, products and services of each concern represented. The three sections thus constitute a complete buying service. Use the pages of this volume and you will find more satisfaction, economy and surer deliveries than you can obtain through any other similar source.

"Nationalize Your Buying—Thru The National"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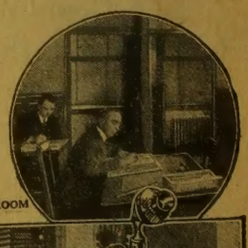
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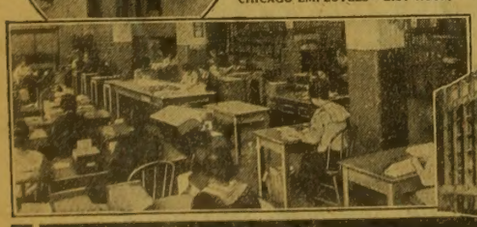

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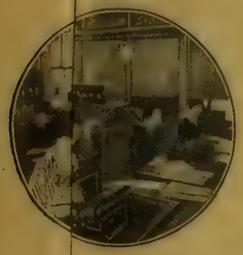
Skill in buying requires a knowledge of market values — the location of sources of supply and a policy sufficiently flexible to permit trading upon a broad national basis.

To those who desire to buy economically — who seek service, quality and dependability — we present this volume as constituting a combination catalog of many industries. It is the personal publication of numerous organizations uniting in a co-operative, systematic effort to convey to Purchasing Agents and Executives the correct information of their products and services.

How Contractoral Relationship Establishes Truth of These Contents



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As a result of the plan upon which this Directory is built, it stands pre-eminently the authoritative reference book of the country. It is backed by the belief and dollars of every one of the institutions whose name it contains. A contractoral relationship establishes the authenticity of its contents, as every detail of information printed, is vouched for by an executive of each organization held responsible for the results of his investment.

We have woven into this volume the names, merchandise and services of America's most efficient and successful concerns. We have done so in the knowledge that such a volume is needed and in the belief that it will strengthen the fabric of a more intensely nationalized trade.

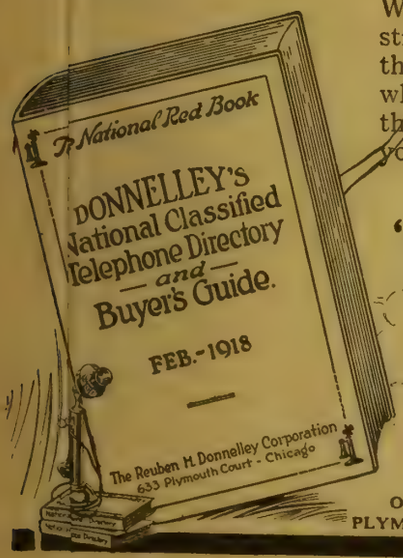
The present disturbed manufacturing conditions, which have unsettled the channels of commerce—and other changes made necessary by the world war—make this volume of instant value in solving the difficulties of buying and distribution.

Sales Corner

Correspondence Section

Here In This Buying Highway Are Concerns Keen to Serve You

We therefore present a Buying Highway—with pages for streets—along which you will find arrayed in classified order the dependable quality wares of those progressive concerns which desire your orders—and are equipped to handle them successfully. Trade with these organizations and you will secure economic advantages worthy of the effort.



"Buy Nationally—and You Buy Efficiently"

Sales Section

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PREFACE

The Publishers take pleasure in presenting herewith the first issue of Donnelley's National Classified Telephone Directory and Buyers' Guide.

We have been encouraged to undertake the publication of this work by the enthusiastic and hearty support which has been accorded us in the publication of 116 classified telephone directories for New York, Chicago and other communities.

Editorial

We believe that this Directory and Guide will fill a long felt need in the business circles of the United States; presenting in a concise and logical manner valuable information in regard to business houses and sources of supply throughout the country. We have aimed to make it the Buyers' Guide of the United States. Painstaking care has been utilized to convey in a concise, easy-to-find manner, those essential details so important to genuine service to both the executive buyer and the executive salesman. The book is divided into three sections:

"Business Section"—This first section contains a list of manufacturers and dependable business houses, firms, corporations and individuals, classified according to businesses, and indexed according to cities in each state. This list will be of immense value to all those carrying on a national correspondence and trade, and to all those whose interests are restricted to certain lines of business or professions.

"Geographical Section"—This second section contains the same list of firms, corporations and individuals represented in the first section, arranged first according to state, then by cities in the state, and finally under the proper business classifications in the city. This list will be particularly valuable to the man who wishes to cover the business field in any particular locality.

"Catalog Section"—In this third section of the book will be found listed, under suitable headings, matter descriptive of the products and services of representative business concerns, arranged in catalog style. This section of the book will be of particular value to all purchasing departments, architects, contractors, etc., seeking definite, detailed data about the products and services listed.

Free Buyers' Service

If you cannot find the information you seek in any of the three sections of this book, write, telegraph or telephone our nearest office. In each office we maintain a "National Red Book Service Station" equipped with catalogs, business literature and trade information, ready to serve you without cost.

Telephone Numbers

All numbers shown in this book for telephone companies other than those in the Bell System have the name of the company preceding the telephone exchange name or number. In communities having more than one telephone service the name of the company is given before both the Bell and Independent listings. In communities having telephone service in the Bell System only the exchange and number are given without the name of the company.

Circulation

We guarantee a minimum circulation of 100,000 copies on this first issue to a selected list. The circulation will be audited and the facts published within a short time, by the Audit Bureau of Circulations—the recognized organization maintained for such informative and protective service to national advertisers.

Two issues of this book will be published each year. Every six months a revised volume will be circulated to a minimum number of 100,000 copies. This Directory is the property of the publishers—is loaned, and not sold, and must be returned on delivery of copy of new edition, or at any other time on demand.

The Reuben H. Donnelley Corporation.

February, 1918

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All Independent Telephone systems are designated by having the exchange or number preceded by the word "Independent", "Tri-state", "Home" or such other local name of the Independent Company as best indicates the system to which it refers.

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Keystone—67	Mutual—Heights 72

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Home—City 2406	Home—172

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Examples—

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Tremont 872-2	Edgewater 823

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"Business Section"

Section One

Here are listed the materials, products and services of America's representative businesses and industries, arranged according to their alphabetical sequence.

Under each business classification are arranged the names, addresses and telephone numbers (with both Bell and Independent telephones indicated) of each organization manufacturing or dealing in the classified subject.

For instance—

If you want to buy any kind of paper product—whether paper boxes, paper bags or other paper needs—find the classification "Paper" in its proper alphabetical sequence in black face type. Then follow the headings until you reach the particular kind of paper product wanted.

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SECTION ONE

ARRANGED ACCORDING TO

BUSINESS CLASSIFICATION

IN THIS SECTION EACH BUSINESS WILL BE FOUND IN ONE LIST GEOGRAPHICALLY INDEXED BY COUNTRY, STATE AND CITY

ABDOMINAL APPLIANCES

NEW YORK

NEW YORK CITY

Bunker John W Inc, 110 W 34th.....Greeley 6547
Ditman A J, 2 Barclay.....Barclay 7045
Eisen Wm M Co, 412 8th av nr Penn Depot.Chelsea 3372

ABRASIVE WHEELS, STOCK AND SPECIAL

NEW YORK

NEW YORK CITY

Fallonite Co The, 120 Broadway.....Rector 4794

ABRASIVES (EMERY GARNET, ETC)

NEW YORK

NEW YORK CITY

Schaaf-Regelman E, 220 Broadway.....Cortland 5235

ACCOUNTANTS

CALIFORNIA

SAN FRANCISCO

Demartini J W, Pacific bdg.....Kearny 3510

CONNECTICUT

BRIDGEPORT

Clark Earl S Co, 1089 Broad.....Barnum 4800

HARTFORD

Clark Earl S Co, Connecticut Mutual bldg.....Bushnell 234

DISTRICT OF COLUMBIA

WASHINGTON

Clark Earl S Co, Union Trust bldg.....Main 1912

GEORGIA

ATLANTA

Atlanta Audit Co Inc, Empire bldg.....Ivy 5683

ILLINOIS

CHICAGO

Aitchison R J & Co, 30 N Lasalle.....Franklin 1013
Bacon Albert T, 208 S Lasalle.....Wabash 6616
Baker, Vawter & Wolf, Tribune bldg....Randolph 3285
Betak T W & Co, Tribune bldg.....Randolph 2226
Commonwealth Audit Co, First Nat Bank bldg.....Randolph 4201
Flershem W B, 30 N Dearborn.....Randolph 4904
Goettsche H C & Co, Chicago Stock Exch bldg.....Franklin 4344
Grimes J Frank, 30 N Lasalle.....Franklin 1013
Hertz Henry L, 30 N Dearborn.....Randolph 4904
Republic Audit Co, 105 W Monroe.....Randolph 3234
Stockton A G, 327 S Lasalle.....Wabash 3928
Teeter & Niquette, 30 N Lasalle.....Franklin 4344
Thompson Wm W & Co, 30 N Lasalle..Franklin 1013
United States Audit Co, 30 N Dearborn..Randolph 4904
Voorhees Flora Alfaretta, 16 N Wabash av.Central 5589
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Western Audit Company Inc, 29 S Lasalle.Majestic 8320

INDIANA

INDIANAPOLIS

Baker, Vawter & Wolf, State Life bldg.....Main 3072

IOWA

DES MOINES

Baker, Vawter & Wolf, 505 Mulberry.....Walnut 1020

LOUISIANA

NEW ORLEANS

Wermuth Chas E, Hennen bldg.....Main 4232

MICHIGAN

DETROIT

Blomfield F C & Co, Moffat bldg.....Main 892
Neff C E & Co, (C E Neff, C.P.A) Majestic bldg.....Cadillac 5984
Sunley, Evans & Morris, Dime Bank bldg.Cherry 4071
Thayer Arthur F, Dime Bk bldg.....Main 1736

MISSOURI

KANSAS CITY

Baker, Vawter & Wolf, Scarritt bldg.....Main 6300

ST LOUIS

Baker, Vawter & Wolf, Federal Reserve Bank bldg.....Olive 3227

NEW JERSEY

NEWARK

Clark Earl S Co, 207 Market.....Market 4467

NEW YORK

BUFFALO

Helman R S, 15 W Swan.....Seneca 916

NEW YORK CITY

Baker, Vawter & Wolf, 350 Broadway...Franklin 1871
Bodkin, Teschke & Co, (Audits, Financial Statements, Factory Cost Systems, Investigations, Estate Accounting, Income Tax Reports), 80 Wall.....Hanover 359
Clark Earl S Co, Woolworth bldg.....Barclay 4414
Edmonds & Bouton, Inc, 56 Pine.....John 3252
Gaynor Philip B & Co, (Chas E Wermuth), 165 Broadway.....Cortland 3223
Gunnell E, 165 Broadway.....Cortland 3536
Kenmore Brandell & Co, 10 Wall.....Rector 928
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Sachs George M, (Corporation Accounting Certified Financial Statements, Cost Systems, Audits, Bankruptcy Investigations, Tax Reports) 1182 Broadway.....Mad Sq 2305
Simonoff Peyser & Citrin, 200 5th av..Gramercy 1587
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Wagner Audit Company, (Certified Public Accountants. Audits, Investigations and Systematizing. Monthly and Periodical Reports. Certified financial statements moderate fees. Highest references) 1269 Broadway.....Mad Sq 5416

OHIO

CINCINNATI

Beaman R J, Union Central bldg.....Main 3114
Bradford J W R & Co, Mercantile Library bldg.Main 635
Cloud J D & Co, First Nat Bank bldg.....Main 825
Reichardt-Hoffner Audit Co, Mercantile Library bldg.....Main 3246

CLEVELAND

Cochran, Fisher & Co, Engineers bldg.....Main 5897
Crawford Audit Co, The, Hippodrome bldg...Main 2128
O'Bryan W I, Engineers bldg.....Main 5897
Ronk Henry K & Co, Swetland bldg.....Bell-Prospect 1467 Ohio State-Central 636
Rosenberry, Gunther & Breyer, Leader News bldg.....Main 1261

COLUMBUS

Osborn Frank A, First Natl Bank bldg.....Main 4605

DAYTON

Wall, Hardman & Lane, Reibold bldg.....Main 477

TOLEDO

Neff C E & Co, (C E Neff C.P.A.), 644 Boalt.....Broadway 884

OKLAHOMA

MUSKOGEE

Baker, Vawter & Wolf, Security bldg...Muskogee 888

OKLAHOMA CITY

Baker, Vawter & Wolf, American Nat Bank bldg.....Walnut 453

PENNSYLVANIA

PHILADELPHIA

Flint & McGrath, (C.P.A. Mnfg & Mercantile Systems) Colonial Trust bldg.....Walnut 3750
Marx S J, (C.P.A.) Real Estate Trust bldg.Walnut 193

RHODE ISLAND

PROVIDENCE

Balch Audit Co The, Turks Head bldg.....Union 2866
Clark Earl S Co, Turks Head bldg.....Union 1989
Hubbard Adin S, (Certified Public Accountant, Rhode Island) Grosvenor bldg...Union 745-W
Ward, Fisher, Carpenter & Philbrick, Union Trust bldg.....Union 400

WASHINGTON

SPOKANE

Commercial Accounting Co, Spokane & Eastern Trust bldg.....Main 2398

WEST VIRGINIA

CHARLESTON

State Public Service, Utility Audit & Investigating Co, Kan, Natl Bk bldg.....Bell 1053
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WISCONSIN

MILWAUKEE

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ACCOUNTANTS & AUDITORS

MASSACHUSETTS

BOSTON

Inston George Inc, (Consulting and Public Accountants. Specialists on Federal, State and Municipal Tax Returns) 157 Federal ..... Fort Hill 14

PENNSYLVANIA

PITTSBURGH

Bankers Audit Company of Pittsburgh, Farmers Bank bldg ..... Grant 343
Hubbell Geo A Co, Jenkins Arcade ..... Grant 6348

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CALIFORNIA

LOS ANGELES

Wright Walter Coleman, (President Audit Company of Los Angeles), H W Hellman bldg 4th & Spring ..... Home-A 4550 Manual-Main 2372

SAN FRANCISCO

Greenhood & Jansen, 519 California St Clunie bldg ..... Kearney 1224

COLORADO

DENVER

Collins & Morris, Foster bldg ..... Main 819

ILLINOIS

CHICAGO

Andersen, De Lany & Co, 111 W Monroe . Randolph 5386
Ernst & Ernst, Continental & Commercial Bank bldg ..... Harrison 8700
Flershem W B, 30 N Dearborn ..... Randolph 4904
Hunt S Wade, 111 W Monroe ..... Central 6721
Mitchell J J, 155 N Clark ..... Central 1943
Nigg C, Schiller bldg ..... Randolph 1000
Scheinman Jesse D, First Natl Bank bldg. Randolph 1007
Stockton A G, 327 S Lasalle ..... Wabash 3928
Tanner, Gilman & Ellis, 624 S Michigan av. Harrison 8650
Teeter Earl G, 30 N Lasalle ..... Franklin 4344
Thompson Wm M & Co, 30 N Lasalle .... Franklin 1013

LOUISIANA

NEW ORLEANS

Robinson, Havener & Co, Whitney Central bldg ..... Main 737

MARYLAND

BALTIMORE

Hatter Elmer L, Munsey bldg ..... St Paul 4037
Hehl, Kuchler & Wooden, Calvert bldg .... St Paul 4099

MASSACHUSETTS

BOSTON

Ernst & Ernst, Merchants Natl Bank bldg . Main 2268

MICHIGAN

DETROIT

Ernst & Ernst, Dime Bank bldg ..... Cherry 303
Neff C E & Co, (C E Neff C.P.A.), Majestic bldg ..... Cadillac 5984
Smith David, Ford bldg ..... Cherry 5255
Stewart Charles W, Dime Bk bldg ..... Cadillac 7220
Stradley Edward M, (C.P.A. Member of American Institute of Accountants) Book bldg ..... Cadillac 3607

MINNESOTA

DULUTH

Matteson James S, Alworth bldg ..... Bell-Melrose 4700 Zenith-Grand 71

MISSOURI

ST LOUIS

Ernst & Ernst, Boatmen's Bank bldg ..... Bell-Olive 3950 Kinloch-Central 1305

NEW YORK

BUFFALO

Ernst & Ernst, Prudential bldg ..... Seneca 1113

NEW YORK CITY

[illegible] Ernst, 27 Cedar ..... John 4011 Barclay 7838

OHIO

CINCINNATI

Ernst & Ernst, Union Trust bldg ..... Main 1261
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Reichardt-Hoffner Audit Co, Mercantile Library bldg ..... Main 3246
Smethurst R, Atlas Bank bldg ..... Canal 2945

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Breyer E W, Leader News bldg ..... Main 1261
Coy Walter A, Citizens bldg ..... Main 176
Ernst & Ernst, Schofield bldg ..... Bell-Main 7100 Ohio State 410
Sweeny Jos T & Co, Citizens bldg ..... Main 5860

COLUMBUS

Bishop Robt F Jr, 8 E Broad ..... Bell-Main 6556 Ohio State 2305
Langdon W E, Huntington Bank bldg ..... Bell-Main 2317 Ohio State 7716

YOUNGSTOWN

Ainge W Ely, Accountant Co The, Stambaugh bldg ..... Main 1060

PENNSYLVANIA

PHILADELPHIA

Magee Henry C, Stephen Girard bldg ... Walnut 1143

PITTSBURGH

Ernst & Ernst, First Natl Bank bldg ..... Court 2807

RHODE ISLAND

PROVIDENCE

Rex Geo M, Industrial Trust bldg ..... Union 2396

TEXAS

DALLAS

Ernst & Ernst, Busch bldg ..... Bell-Main 1799 Automatic M 2926

HOUSTON

Ernst & Ernst, Union Natl Bank ..... Preston 2938

WASHINGTON

SEATTLE

Hansen A S & Co, Leary bldg 1010, 2d av ... Main 91

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Barrow Wade Guthrie & Co, Finance bldg . Spruce 5110

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OMAHA

Schroeder George, Railway Exchange bldg. Douglas 3261

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MICHIGAN

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Central Loose Leaf Company, 202-210 North ..... Benton Harbor 58

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MINNEAPOLIS

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OHIO

MT. GILEAD

Hydraulic Press Mnfg Co, Mt Gilead .. Independent 35

ACETATE OF LIME

TENNESSEE

MEMPHIS

Forest Products Chemical Company, I C and Speed av ..... Hemlock 227

ACETIC ACID

NEW YORK

NEW YORK CITY

Coff-Garrod Co Inc, Woolworth bldg ..... Barclay 4576
Tower Chemical Co Inc, 258 Broadway .... Barclay 4777

ACETIC ANHYDRIDE, BOILING POINT, 135°

NEW YORK

NEW YORK CITY

Warner Chemical Co The, 52 Vanderbilt av ..... Murry Hil 262

ACETYLENE (DISSOLVED)

MICHIGAN

DETROIT

Auto Acetylene Light Co The, 660 Grand River av ..... Glendale 376

OHIO

TOLEDO

Auto Acetylene Light Co The, 19th South St Clair ..... Bell-Main 2783 Ohio State 3253

ACETYLENE APPARATUS

CALIFORNIA

SAN FRANCISCO

Davis-Bournonville Co, 602 Mission ..... Sutter 4973
See our Catalog Space, page 1023

DISTRICT OF COLUMBIA

WASHINGTON

Davis-Bournonville Co, Colorado bldg ..... Main 917
See our Catalog Space, page 1023

ILLINOIS

CHICAGO

Davis-Bournonville Co, 143 W Austin av..Franklin 5877
See our Catalog Space, page 1023

MASSACHUSETTS

BOSTON

Davis-Bournonville Co, 141 Milk.....Fort Hill 4763
See our Catalog Space, page 1023

MICHIGAN

DETROIT

Davis-Bournonville Co, 427 Grand River avGlendale 3426
See our Catalog Space, page 1023

MISSOURI

ST LOUIS

Davis-Bournonville Co, 1005 Pine.....Olive 883
See our Catalog Space, page 1023

NEW JERSEY

JERSEY CITY

Davis-Bournonville Co, Van Wagenan av...Bergen 1586
See our Catalog Space, page 1023

NEW YORK

NEW YORK CITY

Davis-Bournonville Co, Van Wagenan av Jersey City .....Rector 3428
See our Catalog Space, page 1023

OHIO

CINCINNATI

Davis-Bournonville Co Union Central Life Ins bldg .....Main 3894
See our Catalog Space, page 1023

CLEVELAND

Davis-Bournonville Co Engineers bldg.....Main 2230
See our Catalog Space, page 1023

PENNSYLVANIA

PHILADELPHIA

Davis-Bournonville Co, Stock Ex bldg...Spruce 693
See our Catalog Space, page 1023

PITTSBURGH

Davis-Bournonville Co, Penn.....Court 2683
See our Catalog Space, page 1023

WASHINGTON

SEATTLE

Davis-Bournonville Co, Colman Dock.....Elliott 1088
See our Catalog Space, page 1023

ACETYLENE BURNER MNFRS.

NEW YORK

NEW YORK CITY

Crescent Burner Mfg Co, E 27th....Mad Sq 2132

ACETYLENE BURNERS

ILLINOIS

CHICAGO

Carroll J B Company, corroll and Albany aves..... Kedzie 496

TENNESSEE

CHATTANOOGA

American Lava Co, 27-33 W.....Main 3018

ACETYLENE GENERATORS

OHIO

HAMILTON

Hamilton Welding & Mfg Co Bell-Hamilton 600-X
Chestnut & B & O R R.....Ohio State 1353-X
See our Catalog Space page 985

ACETYLENE GENERATORS FOR WELDING AND CUTTING

ILLINOIS

CHICAGO

Torchweld Equipment Co, Fulton and Carpenter .....Haymarket 7131

ACETYLENE WELDING

PENNSYLVANIA

TITUSVILLE

Odin Construction Co, S Perry st PRR....Union 41

ACETYLENE WELDING APPARATUS

MISSOURI

ST LOUIS

American Welding Co, 23d and Olive ..... Bell-Bomont 1895 Kinloch-Central 5201

ACID OPEN HEARTH FURNACE STEEL CASTINGS

OHIO

CANTON

Canton Steel Foundry Co, Allen av S E and B & O RR ..... Bell-Main 3530 Ohio State 3483

ACID PHOSPHORIC, 50 PER CENT, SP. GR. 1400

NEW YORK

NEW YORK CITY

Warner Chemical Co, 52 Vanderbilt av.Murry Hil 262

ACID PROOF CASTINGS

NEW JERSEY

NEWARK

Acid Proof Iron Products Company The, 49 Hermon .....Mulberry 1156

ACID PROOF FLOORS

ILLINOIS

CHICAGO

Fulton Asphalt Co, Monadnock blk.....Harrison 7114

ACID SULPHURIC

MARYLAND

BALTIMORE

Davison Chemical Co, Garrett bldg.....St Paul 7040

ACIDS

ILLINOIS

CHICAGO

Ele Kem Company, 1508-1516 Clybourn av Diversey 4410
See our Catalog Space, page 930
Harrison Works (owned and operated by E I DuPont de Nemours & Co) 2001 Mendell .....Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (owned and operated by E I DuPont de Nemours & Co) 918, 4th.Nicollet 567

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Broadway .....Rector 5727
Harrison Works (owned and operated by E I DuPont de Nemours & Co) 50 Maiden Lane .....John 6444
Ratner A E Co Inc, 59 Pearl.....Broad 5234

PENNSYLVANIA

PHILADELPHIA

Harrison Works (owned and operated by E I DuPont de Nemours & Co) 30th st & Gray's Ferry Road .....Dickson 50

ACIDS, AMMONIA, CHEMICALS FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Parex Manufacturing Co, 217 Pearl nr Fulton .....Beekman 1865

ACIDS AND CHEMICALS

PENNSYLVANIA

ALLENTOWN

Trojan Powder Co Hunsicker bldg ..... Bell-Allentown 1820 Keystone-Allentown 3349

ACIDS AND HEAVY CHEMICALS

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, Woolworth bldg .....Barclay 7924
See our Catalog Space, page 930

ACIDS—SULPHURIC, MURIATIC & NITRIC

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson....Haymarket 7166

ADAMAS

MARYLAND

BALTIMORE

Maryland Quartz Co (The only mfrs of Gray Adamas) 10 E Lexington.....St Paul 1823

ADDING, LISTING & PAYROLL MACHINES

CONNECTICUT

NEW HAVEN

International Money Machine Co, 902 Chapple .....Colony 889

MASSACHUSETTS

BOSTON

International Money Machine Co, 46 Cornhill.Main 5453

ADDING MACHINE PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1153

ADDING MACHINE ROLLS

WISCONSIN

MILWAUKEE

Rexford Gummed Tape Co, 598 Clinton..Hanover 314

ADDING MACHINES

CALIFORNIA

LOS ANGELES

Monroe Calculating Machine Co, Manual-Broadway 592
Van Nuys bldg.....Automatic 2188
See our Catalog Space, page 905

SAN FRANCISCO

Monroe Calculating Machine Co, 417
Market .....Douglas 3575
See our Catalog Space, page 905

CANADA

MONTREAL

Monroe Calculating Machine Co.....Main 8415
See our Catalog Space, page 905

TORONTO

Monroe Calculating Machine Co, 88 Bay.Adelaide 2269
See our Catalog Space, page 905

COLORADO

DENVER

Monroe Calculating Machine Co, 1639
Champa .....Main 1024
See our Catalog Space, page 905

CONNECTICUT

HARTFORD

Monroe Calculating Machine Co, 647 Main.Charter 7502
See our Catalog Space, page 905

DISTRICT OF COLUMBIA

WASHINGTON

Monroe Calculating Machine Co, 722, 13th
N W .....Main 4444
See our Catalog Space, page 905

GEORGIA

ATLANTA

Monroe Calculating Machine Co, Healey bldg..Ivy 4606
See our Catalog Space, page 905

ILLINOIS

CHICAGO

Monroe Calculating Machine Co, 330
W Monroe .....Franklin 843
See our Catalog Space, page 905
Plew Jas E, Webster bldg 327 S Lasalle.Wabash 7416
See our Catalog Space, page 905
Rotter W A, Monadnock blk.....Harrison 7721
See our Catalog Space, page 905

ROCKFORD

Sunstrand Adding Machine Co, Harrison
av and 11th.....Main 2315

INDIANA

INDIANAPOLIS

Monroe Calculating Machine Co, Hume
Mansure bldg .....Main 6207
See our Catalog Space, page 905

IOWA

DAVENPORT

Monroe Calculating Machine Co, 324
Main .....Davenport 3000
See our Catalog Space, page 905

LOUISIANA

NEW ORLEANS

Monroe Calculating Machine Co, 416 Gravier.Main 140
See our Catalog Space, page 905

MARYLAND

BALTIMORE

Monroe Calculating Machine Co, Munsey
bldg .....St Paul 3416
See our Catalog Space, page 905

MASSACHUSETTS

BOSTON

Monroe Calculating Machine Co, John Hancock bldg, 200 Devonshire.....Fort Hill 4385
See our Catalog Space, page 905

SPRINGFIELD

Monroe Calculating Machine Co, 123
Worthington .....River 4851
See our Catalog Space, page 905

WORCESTER

Monroe Calculating Machine Co, Park bldg..Park 1490
See our Catalog Space, page 905

MICHIGAN

DETROIT

Monroe Calculating Machine Co, Penobscot
bldg .....Cherry 5857
See our Catalog Space, page 905

MINNESOTA

ST PAUL

Monroe Calculating Machine Co,
Hackney bldg .....Tri State 24015
See our Catalog Space, page 905

MISSOURI

KANSAS CITY

Monroe Calculating Machine Co, Republic
bldg .....Main 5036
See our Catalog Space, page 905

ST LOUIS

Monroe Calculating Machine Co, Syndicate
Trust bldg .....Oliver 107
See our Catalog Space, page 905

NEBRASKA

OMAHA

Monroe Calculating Machine Co, Brandeis
Theatre bldg .....Douglas 2148
See our Catalog Space, page 905

NEW HAMPSHIRE

LEBANON

Monroe Calculating Machine Co, 13 Green.Lebanon 213
See our Catalog Space, page 905

NEW JERSEY

ORANGE

Monroe Calculating Machine Co, 49
Mitchell .....Orange 4389
See our Catalog Space, page 905

NEW YORK

ALBANY

Monroe Calculating Machine Co, Arkay bldg.Main 1569
See our Catalog Space, page 905

BUFFALO

Monroe Calculating Machine Co, Ellicott
Square bldg .....Seneca 571
See our Catalog Space, page 905

NEW YORK CITY

Monroe Calculating Machine Co, Woolworth bldg .....Barclay 5174
See our Catalog Space, page 905

ROCHESTER

Monroe Calculating Machine Co, Cutler Bell-Main 2225
bldg, 42 East av.....Rochester-Stone 8343
See our Catalog Space, page 905

SYRACUSE

Monroe Calculating Machine Co, Dillaye
Memorial bldg .....Warren 439
See our Catalog Space, page 905

OHIO

CINCINNATI

Monroe Calculating Machine Co, Union
Trust bldg .....Main 1178
See our Catalog Space, page 905

CLEVELAND

Monroe Calculating Machine Co, Citizens
bldg .....Main 5761
See our Catalog Space, page 905

OKLAHOMA

OKLAHOMA CITY

Monroe Adding Machine, (W E Hoskinson),
1615 N Kline.....Maple 525
See our Catalog Space, page 905

TULSA

Monroe Calculating Machine Co, 508 S Main.Osage 6610
See our Catalog Space, page 905

OREGON

PORTLAND

Monroe Calculating Machine Co, 11(6th..Main 2285
See our Catalog Space, page 905

PENNSYLVANA

PHILADELPHI

Monroe Calculating Machine Co, Ne
Stock Exchange bldg.....Spruce 457
See our Catalog Space, age 905

PITTSBURG

Monroe Calculating Machine Co, Irk bldg.Grant 6270
See our Catalog Space, age 905

WILKES-BAR E

Monroe Calculating Machine Co, Jopies
Bank bldg .....Wilkes Barre 1723
See our Catalog Spacepage 905

RHODE ISLAND

PROVIDENE

Monroe Calculating Machine Co, Turks
Head bldg .....Union 3450-W
See our Catalog Spa page 905

SOUTH CAPLINA

GREENVLE

Monroe Calculating Machine Co, Bank of
Commerce bldg .....Greenville 2622
See our Catalog Sp, page 905

TEXA

DALL

Monroe Calculating Machine Oriental
Hotel .....Main 5130
See our Catalog Se, page 905

HOUSN

Monroe Calculating Machine, Beatty
bldg .....Preston 1556
See our Catalog ice, page 905

UTH

SALT LE CITY

Monroe Calculating Machiro, 131 S
Main .....Wasatch 4321
See our Catalopace, page 905

VIENIA

RIOND

Monroe Calculating MacCo, Lyric
bldg .....Randolph 3781
See our CataSpace, page 905

WASNGTON

STTLE

Monroe Calculating Ma Co, Leary bldg.Elliot 2618
See our Ca Space, page 905

ADDING MACIES—REBUILT

INOIS

ICAGO

Plew Jas E, Webste, 327 S Lasalle.Wabash 7416
See our g Space, page 905
Rotter W A, Monad blk.....Harrison 7721

ADDING MINES REBUILT, BOUGHOLD, EXCHANGED

N YORK

YORK CITY

Adding Machine ion & Sales Co,
206 Broadwa.....Cortland 6739

ADDRESSING COMPANIES

CALIFORNIA

SAN FRANCISCO

Rodgers Addressing Bureau, 35 Montgomery .....Douglas 5644

ILLINOIS

CHICAGO

Buckley, Dement & Co, 632 Sherman....Harrison 850
Chicago Addressing Company, 720 S Dearborn ..... Harrison 1015
Guild Company, 30 N Dearborn.....Central 6964
Imitation Typewriting & Addressing Co, 71 W Randolph .....Central 3333
Kuhl & Bent Co, 132 Sherman.....Wabash 2375
Trade Circular Addressing Co, 166 W Adams ..... Franklin 1182
Von Weller-Lyon Company The, 180 N Market ..... Franklin 324

NEW YORK

BUFFALO

Buffalo Advertising Service Inc, Coal & Iron Exchange bldg .....Seneca 3000
Millar F G, "The Letter Man" 13½ East Swan .....Seneca 5958

NEW YORK CITY

Boyd's City Dispatch, 19 Beekman.....Beekman 4540
Gardiner Binding & Mailing Co, 76-88 Lafayette ..... Franklin 4140
Guild Company, 65 Duane.....Worth 1728

OHIO

CINCINNATI

A-B-C Letter Shop, Greenwood bldg.....Canal 549
Alcorn Multi-Letter Shop The, 15 E 8d..... Main 458
Circle R J Letter Co, 540 Main.....Canal 1154
See our Catalog Space, page 906
Small Gordon E, 131 E 4th .....Main 2300

CLEVELAND

National Advertising Co, The, Caxton bldg..Main 1321
See our Catalog Space, page 906

TOLEDO

Eoff-Weis Company The Ohio bldg.Ohio State-Main 350

PENNSYLVANIA

PHILADELPHIA

Amweg, J M Co The, Bal Bell-Filbert 3703
Estate Trust bldg.....Keystone-Race 311
See our Catalog Space, page 906
Howe Addressing & Printing Co (Write for Catalogue showing guarantee) 704 Chestnut .....Walnut 5170

ADDRESSING, FOLDING & MAILING

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

MASSACHUSETTS

BOSTON

Boston Mailing Co, 394 Atlantic av.....Main 687

MISSOURI

KANSAS CITY

Strahm Grace V Letter Co, Traffic Arts bldg 10th & Walnut .....Bell-Main 4748 Home-Main 4748

NEW YORK

NEW YORK CITY

Boyd's City Dispatch, 19 Beekman.....Beekman 4540
Brown B Co The, 229 W 28th.....Farragut 6340
See our Catalog Space, page 983
Webster Letter Addressing & Mailing Co, 461, 8th av ..... Greeley 6181

ADDRESSING, FOLDING & MAILING LISTS

NEW YORK

NEW YORK CITY

Commercial Dispatch Addressing & Delivery Co. 152-154 William.....Beekman 566
United States Addressing & Printing Company, 24-26 Murray .....Barclay 5675

ADDRESSING, FOLDING, MAILING LISTS & MULTIGRAPH LETTERS

OHIO

CLEVELAND

Advertisers' Addressing Co. 118 St Clair av N E.....Main 2609
Chandler L L Miss, The Old Arcade .....Bell-Main 1368 Ohio State-Central 3321K
Circular Addressing Co, Columbia bldg.....Main 5372

SPRINGFIELD

Harwood & Pierce Letter Service Co, Fairbank bldg .....Main 592

WASHINGTON

YAKIMA

General Stenographers, Miller bldg.....Yakima 352

ADDRESSING MACHINES

ALABAMA

BIRMINGHAM

Stickney & Montague, Direx-all (Roberts & Son) 1810, 3d av N.....Main 8461

CALIFORNIA

LOS ANGELES

Addressograph Co (Cunningham, Curtis & Welch Co, Agents) 252 S Spring.....Main 8415
See our Catalog Space, page 907
Stickney & Montague, Direx-all Manual-Main 2091
Grant bldg, 4th and Broadway.....Home-F 1880

SAN FRANCISCO

Addressograph Co (H S Crocker Co, Agt) 565 Market .....Kearney 3550
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Wells Fargo bldg 7479

CANADA

MONTREAL

Addressograph Sales Co (J Clement, Dist Mgr) Power bldg.....Main 2249
See our Catalog Space, page 907

TORONTO

Addressograph Sales Co (A R Porter Dist Mgr) 70 Bay .....Adelaide 1949
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 359 Yonge.Main 1938

WINNIPEG

Addressograph Sales Co (F J Dubois, Dist Mgr) 333 Main .....Main 3314
See our Catalog Space, page 907

COLORADO

DENVER

Addressograph Co, (Kistler Stationery Co, Agts), 1636-46 Champa .....Main 4200
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 524 Chamber of Commerce bldg.....Champa 2844

CONNECTICUT

HARTFORD

Addressograph Co, (H C DeCourey, Dist Mgr), 647 Main .....Charter 7966
See our Catalog Space, page 907

DISTRICT OF COLUMBIA

WASHINGTON

Addressograph Co (J A Bailey, Dist Mgr) Southern bldg .....Main 367
See our Catalog Space, page 907

GEORGIA

ATLANTA

Addressograph Co (A S Woodward, Dist Mgr) Hurt bldg .....Ivy 5150
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 1001 Healey bldg .....Ivy 2796

ILLINOIS

CHICAGO

Addressograph Co (C D Worthington, Dist Mgr) 901 W VanBuren.....Haymarket 800
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 180 N Wabash av .....Randolph 7652

INDIANA

INDIANAPOLIS

Addressograph Co (R W Carroll, Dist Mgr) Lemcke bldg Main 1696
See our Catalog Space, page 907

IOWA

DES MOINES

Addressograph Co (L P Bennett, Dist Mgr) Citizens Bk bldg.....Walnut 2175
See our Catalog Space, page 907

LOUISIANA

NEW ORLEANS

Addressograph Co (E H Read, Dist Mgr) 606 Common .....Main 2492
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Tulane-Newcomb bldg .....Main 5321

MARYLAND

BALTIMORE

Addressograph Co (L K Murrill, Dist Mgr) 7 E German .....St Paul 6717
See our Catalog Space, page 907

MASSACHUSETTS

BOSTON

Addressograph Co (A L Davis, Dist Mgr) 157 Summer .....Beach 4430
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 14 Federal Fort Hill 2468

MICHIGAN

DETROIT

Addressograph Co (C E Jackson, Dist Mgr) Stevens bldg .....Cadillac 1220
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Equity bldg.Main 3625

MINNESOTA

MINNEAPOLIS

Addressograph Co (Miller-Davis Co, Agts) 219-21 S Fourth .....Main 171
See our Catalog Space, page 907

ST PAUL

Stickney & Montague, Direx-all (R R Jones), 171 E 6th ..... Cedar 7672

MISSOURI

KANSAS CITY

Addressograph Co (R C Hickman, Dist Mgr) 1113 McGee .....Grand 134
See our Catalog Space, page 907
Stickney & Montague, Direx-all (Office Appliance Co) 710 Delaware....Home-Main 931

ST LOUIS

Addressograph Co (F W & J W Thompson, Dist Mgrs) Fullerton bldg.....Olive 844
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Victoria bldg, 8th and Locust.....Olive 341

NEBRASKA

OMAHA

Addressograph Co (E J Hammersley, Dist Mgr) Brandeis bldg.....Douglas 9047
See our Catalog Space, page 907

NEW JERSEY

NEWARK

Addressograph Co (W R Rockhold, Dist Mgr) Ordway bldg.....Mulberry 3561
See our Catalog Space, page 907

NEW YORK

BUFFALO

Addressograph Co (B F Garvin, Dist Mgr) Ellicott sq .....Tupper 984-W
See our Catalog Space, page 907
Dick Mailer, The Robert, 137 W Tupper...Tupper 325
Stickney & Montague, Direx-all (Eaton Bros Co Inc) 329-331 Washington....Seneca 4912

NEW YORK CITY

Addressograph Co (E J Ferris, Dist Mgr) 740 Broadway .....Spring 2692
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 54 Franklin .....Franklin 4360

ADDRESSING MACHINES —CONT'D

NEW YORK—CONTINUED

ROCHESTER

Stickney & Montague, Direx-all.....Main 45

TONAWANDA

American Kardex Company, Main, Wheeler and Franklin ..... Tonawanda 869
See our Catalog Space, page 928

OHIO

CINCINNATI

Addressograph Co (A B Dygert, Dist Mgr), First Natl Bk bldg .....Main 314
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Bell blk..Canal 5571

CLEVELAND

Addressograph Co, (H H Penny, Dist Mgr) The Arcade .....Main 1656
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Rockefeller bldg .....Main 4883

TOLEDO

Addressograph Co (J F Kennedy, Dist Mgr), Spitzer Arcade....Bell-Main 2775 Ohio State-Main 4950
See our Catalog Space, page 907

OREGON

PORTLAND

Stickney & Montague, Direx-all (J McKean Fisher Mgr), Oregon bldg.....Broadway 2403

PENNSYLVANIA

PHILADELPHIA

Addressograph Co (R F Porter, Dist Mgr), 839 Market .....Walnut 1521
See our Catalog Space, page 907
Stickney & Montague, Direx-all, 612 Chestnut ..... Walnut 1762

PITTSBURGH

Addressograph Co (E F Heaton, Dist Mgr) Conestoga bldg .....Court 4599
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Fulton bldg.Grant 1740

TENNESSEE

CHATTANOOGA

Stickney & Montague, Direx-all, 33 Short...Main 357

TEXAS

DALLAS

Addressograph Co (B B Mercer, Dist Mgr) Juanita bldg .....Main 1332
See our Catalog Space, page 907

HOUSTON

Stickney & Montague, Direx-all, Lumberman's Bank bldg .....Preston 2979

UTAH

SALT LAKE CITY

Addressograph Co (R C Farrington, Dist Mgr) Walker Bank bldg.....Wasatch 8451
See our Catalog Space, page 907

WASHINGTON

SEATTLE

Addressograph Co (E R Spies, Dist Mgr) White bldg .....Main 2913
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Crary bldg cor Union and 5th .....Elliott 4975

WISCONSIN

MILWAUKEE

Stickney & Montague, Direx-all, Caswell blk.Grand 355

ADDRESSING, MAILING & WRAPPING MACHINES

MASSACHUSETTS

FITCHBURG

Nielsen Mailing Machine Co, Willow....Fitchburg 2176

ADHESIVES

NEW YORK

NEW YORK CITY

Robeson Process Co, 18 E 41st.....Murry Hil 8161

ADJUSTERS

TEXAS

DALLAS

Bramlett R E & Co, Scotland bldg.....Main 827

ADVERTISEMENT AND BUSINESS WRITERS

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison.....Wabash 2141
Erickson-Shepherd, 218 S Wabash av...Harrison 1040

NEW YORK

NEW YORK CITY

Ad-Man Davison, 17 Madison av.....Mad Sq 1055

ROCHESTER

Goodwin H C, 75 State .....Main 224

ADVERTISEMENT SETTERS

ILLINOIS

CHICAGO

Pittsford Ben C Co, 442 Dearborn.....Harrison 7131

ADVERTISERS

OHIO

CLEVELAND

R & S Printing Service Corp The. Hippodrome bldg .....Bell-Main 3885 Ohio State-Central 616

ADVERTISING

ILLINOIS

CHICAGO

Batten George Company Inc, 332 S Michigan av .....Wabash 7116
See our Catalog Space, page 909
Ethridge George Co The, 220 S State....Wabash 8262
Lord & Thomas, 5 S Wabash.....Randolph 2284
Rankin Wm H Company, 104 S Michigan av .....Randolph 6600
Woodwards Incorporated, 910 S Michigan av .....Harrison 6763

MASSACHUSETTS

BOSTON

Batten George Company Inc, 10 State..Fort Hill 3906
See our Catalog Space, page 909

MICHIGAN

DETROIT

Ethridge George Co The, Kresge bldg.....Cherry 4170

NEW YORK

BUFFALO

Wallen James (Advertising adviser. A national reputation for distinguished advertising copy) 186 W Chippewa.....Tupper 5817

NEW YORK CITY

Batten George Company Inc, 381 Fourth av .....Mad Sq 7500
See our Catalog Space, page 909
Ethridge George Co The, 25 E 26th, Madison Square bldg.....Mad Sq 7890
Goldstein Robert (Sales letters written in clear, forceful English—efficient sales helps created —charges moderate—analysis of present literature free), 655 Fox .....Melrose 3906
Hannah Henry King, 277 Broadway.....Worth 2913
Making Letters Pay System (Edw H Schulze, Inc), 220 W 42d.....Bryant 2403
See our Catalog Space, page 909
Rankin Wm H Company, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501 Fifth av.Murray Hill 8417

PENNSYLVANIA

PITTSBURGH

Hill Albert P Co Inc, The Peoples Bk bldg.Court 1962
Interurban Press, 118 N Sheridan av .....Hiland 7860

ADVERTISING (DIRECT)

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl.....Harrison 83
See our Catalog Space, page 908

ADVERTISING (DIRECT MAIL) ENGRAVERS AND PRINTERS

MICHIGAN

GRAND RAPIDS

Cargill Co The, Wealthy & Commerce av .....Bell-Main 815 Citizens 4310

ADVERTISING AGENCIES

ALABAMA

BIRMINGHAM

Sparrow Advertising Agency, American Trust bldg .....Main 6801

ILLINOIS

CHICAGO

Batten George Company Inc, 332 S Michigan av .....Wabash 7116
See our Catalog Space, page 909
Dearborn Advertising Agency, 225 S Dearborn .....Harrison 8246
Moreland Advertising Company The, 14 E Jackson bl .....Harrison 83
See our Catalog Space, page 908
Rankin Wm H Company, 104 S Michigan av .....Randolph 6600
Wade Advertising Agency, 37 W Van Buren. .....Harrison 307
Woodwards Incorporated, 910 S Michigan av .....Harrison 6763

MARYLAND

BALTIMORE

Moffet-Lynch Adv Co (E C Plmer, Pres) 7 E German .....St Paul 2026

MASSACHUSETTS

BOSTON

Batten George Company Inc, 10 State..Fort Hill 3906
See our Catalog Space, page 909

MICHIGAN

DETROIT

Shaw-Pierce Book bldg.....Cherry 2681

MINNESOTA

MINNEAPOLIS

Martin Mac Advertising Agency, Security bldg .....Bell-Nicollet 288 Trl State 31188

NEW YORK

NEW YORK CITY

Batten George Company Inc, 381 Fourth av .....Madison Square 7500
See our Catalog Space, page 909
Rankin Wm H Company, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501 Fifth av.Murray Hill 8417

OHIO

MIDDLETOWN

Rettig Chas Advertising Co, Sorg Opera House Main .....Middletown 1342

SPRINGFIELD

Sheehan Advertising Co The, Mitchell bldg.Main 967

ADVERTISING AGENTS

ILLINOIS

CHICAGO

Arkenberg Special Agency (Newspaper Classified Exclusively. Combination Lists Free) Lytton bldg.....Harrison 5508
Batten George Company Inc, 332 S Michigan av ..... Wabash 7116
See our Catalog Space, page 909
Reisman H E Advertising Company, 122 S Michigan av.....Harrison 2034
Snitzler Advertising Co, 58 E Washington.Majestic 7550
Turner Advertising Co, 608 S Dearborn...Harrison 6296

MASSACHUSETTS

BOSTON

Batten George Company Inc, 10 State.Fort Hill 3906
See our Catalog Space, page 909

MINNESOTA

MINNEAPOLIS

Armstrong Advertising Service, (To Reduce Your Selling Cost) Andrews bldg ..... Bell-Nicollett 7558 Automatic 34004

NEW YORK

BUFFALO

Moss-Chase Co The, Niagara Life bldg ..... Bell-Seneca 2185 Federal 22804
Porter DeForest Advertising Service Root bldg 70 W Chippewa.....Seneca 4680

NEW YORK CITY

Arkenberg Special Agency, (Newspaper Classified Exclusively. Combination Lists Free) World bldg.....Beekman 2252
Batten George Company Inc, 381 Fourth avMad Sq 7500
See our Catalog Space, page 909

OHIO

CLEVELAND

Carpenter-Webbe Co The, Caxton bldg.....Main 3121
Young Lloyd W, 1900 Euclid av.....Prospect 2874

UTAH

SALT LAKE CITY

Gilham L S, T Ben Meldrum Co, Atlas bldg .....Wasatch 3986

ADVERTISING AGTS. & AGENCIES

NEW YORK

NEW YORK CITY

Frowert Percival K Co Inc, 151 W 42d....Bryant 3000
See our Catalog Space, page 909

ADVERTISING AGENTS—FOREIGN ADVERTISING AGENCIES

MICHIGAN

DETROIT

Foreign Advertising & Service Bureau, Dime Bank bldg.....Cherry 1690

NEW YORK

NEW YORK CITY

Foreign Advertising & Service Bureau, 141 Broadway .....Cortland 2218

ADVERTISING ARTICLES, CELLULOID MCHRY & SUPPLIES

ILLINOIS

CHICAGO

Parisian Novelty Co, 22d and Lasalle....Calumet 3706
See our Catalog Space, page 910

ADVERTISING ARTICLES (MANUFACTURERS)

ILLINOIS

CHICAGO

Advertising Novelty Co Inc, 420 S Winchester av.....West 2474
Felsenthal G & Sons, 442-448 N Wells..Franklin 4424

ADVERTISING ARTISTS

OHIO

CINCINNATI

Seeman & Nieporte, 2d Natl Bk bldg....Canal 5176

ADVERTISING BRUSHES

ILLINOIS

CHICAGO

Kvale John, 8 S Dearborn.....Randolph 7687

ADVERTISING CALENDARS & PENCILS

NEW YORK

NEW YORK CITY

Blanchard Bros Inc, 19th & 8th av Bklyn..South 3771

ADVERTISING, CARDS, FOLDERS, BOOKLETS, NEW & DIFFERENT

ILLINOIS

CHICAGO

Leonard Kathleen, 127 N Dearborn.....Central 3633

ADVERTISING AND COMMERCIAL FILMS

NEW YORK

NEW YORK CITY

Leggett Gruen Corporation, 220 W 42d...Bryant 9167

ADVERTISING DISPLAY FIXTURES

NEW YORK

NEW YORK CITY

Novelty Wire Works, 840 Broadway.....Stuyvsnt 1190

ADVERTISING DISPLAY PICTURE FRAMES

NEW YORK

NEW YORK CITY

Wolff Robert Co, 25 Warren.....Barclay 6359

ADVERTISING DISPLAY STANDS, WOODEN

NEW YORK

NEW YORK CITY

New York Woodworking Corporation 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

ADVERTISING FILMS & SLIDES

ILLINOIS

CHICAGO

National Advertising Film Co, 208 N Wells .....Franklin 4606

ADVERTISING FILMS & SLIDES FOR MOVIE THEATRES

NEW YORK

NEW YORK CITY

Novelty Slide Co, 115 E 23d.....Gramercy 3672

ADVERTISING HANDLES, FAN AND FLY SWATTER

MISSOURI

CAPE GIRARDEAU

Stout J L Co, The, 2 So Spanish..Cape Girardeau 492

ADVERTISING LEAD PENCILS MFRS.

ILLINOIS

CHICAGO

Goodell James M Jr Inc, 150 N Laramie av.Austin 119

ADVERTISING LEATHER NOVELTIES

MASSACHUSETTS

BOSTON

Enterprise Co, The, 170 Summer.....Main 7087

NEW YORK

NEW YORK CITY

Stember John & Co, 821 Broadway.....Stuyvsnt 3037

ADVERTISING LETTERS

GEORGIA

ATLANTA

Fuller H B, 223 Arcade .....Main 5300

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl.....Harrison 83
See our Catalog Space, page 908

ADVERTISING MATTER DISTRIBUTORS

DISTRICT OF COLUMBIA

WASHINGTON

Dime Messenger Service Inc (Robt Kressin mgr) (Our Service delivers anything, anywhere in U S. Write us for rates) 712, 12th st, N W .....Main 5120

PENNSYLVANIA

PHILADELPHIA

National Delivery Service Co (Samuel J Hanick mgr) 12th & Locust sts.....Filbert 3872

ADVERTISING MOTION PICTURES AND SLIDES

NEW YORK

NEW YORK CITY

Novelty Films, 115 E 23d.....Gramercy 3571

ADVERTISING NOVELTIES

CONNECTICUT

HARTFORD

Individual Key Ring Co P O Box 929....Charter 816

ILLINOIS

CHICAGO

American Badge Co 141-143 W Austin Av.Franklin 330
Cahill-Igoe Co, 117 W Harrison.....Wabash 2141
Carroll J B Company, cor Carroll and Albany aves .....Kedzie 496
Geraghty & Company, 3035-37 W Lake..Kedzie 401
Kohl P J & Co, 230 W Huron.....Superior 5214
Stodola Novelty Co Not Inc, 31 W Lake...Central 3515
Williams O G Company, 64 W Randolph.Randolph 5645

NEW YORK

BUFFALO

Art Work Shop, 445 Ellicott St.....Seneca 4207
See our Catalog Space, page 910

FALCONER

American Manufacturing Concern, Work & Everett .....Jamestown 479

NEW YORK CITY

Advertising Leather Specialty Co, (Manufacturers Leather Novelties for Personal Advertising) 303 Mercer.....Spring 5126
Beegee Company, 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910
Benze Bros Co, Est 1890, 110-112 Fifth av .....Chelsea 8310
Bruml Henry Co The, 110 Liberty.....Rector 2083
Florin Philip, 465-467 Broome.....Canal 3744
Schimper William & Co, 33 Union Sq West .....Stuyvsnt 214
Simmons N, 37 E 12th.....Stuyvsnt 2105
Walker-Longfellow Co (Makers memorandum books, diaries, card cases, leather specialties, etc) 150 Nassau.....Beekman 3738
Woodruff J P (Maker memorandum books, diaries, card cases, leather specialties, etc) 150 Nassau .....Beekman 3738

OHIO

CINCINNATI

Hennegan & Co. 311-321 Genesee.....Canal 4752

PENNSYLVANIA

PHILADELPHIA

Douglas Mfg Co, (Novelties All Descriptions for every Purpose) Widener bldg.Walnut 3631

RHODE ISLAND

PROVIDENCE

Kescot Manufacturing Co, 86 Page.....Union 6334

ADVERTISING NOVELTIES, FIBRE

MASSACHUSETTS

BOSTON

Fibreoid Novelty Mfg Co, 38 ChardonHaymarket 1243-W

ADVERTISING NOVELTIES, IN LEATHER GOODS

NEW YORK

BUFFALO

Art Work Shop The, 445 Ellicott.....Seneca 4207
See our Catalog Space, page 910

RHODE ISLAND

PROVIDENCE

Ideal Leather Goods Co, 326 Dean.....Union 2641

ADVERTISING NOVELTIES METAL

WISCONSIN

MILWAUKEE

Schwab Stamp & Seal Co The, East Water and Mason .....Main 662

ADVERTISING NOVELTIES—PAPERS ALL KINDS

NEW YORK

NEW YORK CITY

Doty & Scrimgeour Sales Co, 74 Duane.....Worth 5395

ADVERTISING NOVELTIES, PRINTED

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated Miniature short story, booklets, cards and other printed novelties, for children and grown-ups. Cardboard toys), 461 8th av .....Greeley 1010
See our Catalog Space, page 997

ADV. NOVELTIES—SAFETY RAZORS FOR LARGE USERS

NEW YORK

NEW YORK CITY

Burham Safety Razor Co The, 64 Murray.Barclay 5638

ADVERTISING NOVELTIES & SIGNS

INDIANA

INDIANAPOLIS

Smith Hecht Co, Century bldg Bell-Main 5038
.....Automatic 23-566

MINNESOTA

MINNEAPOLIS

Finch Advertising Signs & Specialties Bell-Nicollet 2797
Metropolitan Life bldg .....Tri State 33961

ADVERTISING NOVELTIES, SIGNS—WINDOW DISPLAYS

MINNESOTA

MINNEAPOLIS

Collins Advertising Service, Lumber Exchange ..... Nicollet 5407

ADVERTISING NOVELTIES—WORLD WAR PUZZLE

WISCONSIN

OSHKOSH

Oaks Magical Company, Dept 515.....Oshkosh 2776

ADVERTISING & OFFICE PENCILS

NEW JERSEY

JERSEY CITY

Pencil Exchange, 67-73 Fleet.....Montgomery 3473

ADVERTISING PAPIER MACHE TRADE MARK REPRODUCTIONS

OHIO

CANTON

Old King Cole Papier Mache Co The, Bell-Main 405
920 Market av, South .....Ohio State 197

ADVERTISING PENCILS

MISSOURI

KANSAS CITY

Huntzinger Advertising & Mfg Co, Bell-Grand 3740
2615 Walnut .....Home-Main 5613

NEW YORK

NEW YORK CITY

Lang & Scherer, 25, 3d av.....Orchard 6664

ADVERTISING PICTURE FRAMES

MISSOURI

ST LOUIS

Pitts R P Moulding Picture Frame Co, 2500 Cass av .....Tyler 1335

ADVERTISING PLATES

OHIO

CINCINNATI

Quality Electrotype Co The, 8th and Cutter..West 7

ADVERTISING POSTERS AND SIGNS, ALL KINDS

MASSACHUSETTS

BOSTON

Bahn Advertising Company (Out-door and Indoor advertising Specialties—Novelties) 294 Washington .....Fort Hill 2286

ADVERTISING & PREMIUM DEVICES

ILLINOIS

STERLING

Reed Evan L Mfg Co, 400 A.....Main 613-R

ADVERTISING SERVICE—OFFSET PRINTERS

MICHIGAN

DETROIT

Stubbs Co The, cor John R & Elizabeth...Cherry 2404

ADVERTISING SERVICE SYNDICATE

ILLINOIS

CHICAGO

Phoenix Advertising Co 3856 Grand bl...Douglas 5461

ADVERTISING SHOW CARDS

ILLINOIS

CHICAGO

Common Sense Novelty Co, 972-982 Montana .....Lincoln 5405

ADVERTISING SIGN SPECIALISTS

ILLINOIS

CHICAGO

Shafer F L Advertising Sign Service (Celluloid, metal ,glass, transparencies, litho, for Window Display, etc), 123 W Madison.....Randolph 2100

ADVERTISING SIGNS

CALIFORNIA

SAN DIEGO

Cordtz Robt Co The, 515, 9th.....Bell-Main 2563
.....Home 4646

CONNECTICUT

WALLINGFORD

Wilbur Mfg Co Inc (Mfr "Marbelite" Products) ("Marbelite" Signs, Numbers and Letters do not flake, chip, rust or tarnish) 70 Quinnipiac .....Wallingford 256-3
See our Catalog Space, page 911

GEORGIA

ATLANTA

Munn Sign & Advertising Co, 63 N Broad...Ivy 826

ILLINOIS

CHICAGO

Common Sense Novelty Co, 972-982 Montana .....Lincoln 5405
Enameled Steel Sign Co, 222 North State..Central 4181
Meyercord Co The, Chamber of Commerce...Main 1461

NEW YORK

NEW YORK CITY

B & B Sign Co Inc, (Glass, Cardboard, Metal and Small Electric Signs, Window Display. Attractions, Distributing Service) 341-347 5th av .....Vanderbilt 5942
Nelke L D-Signs-New York, 23 E 26th...Mad Sq 2686

OHIO

KENTON

Scioto Sign Company The, Vine.....Kenton 1146

ADVERTISING SIGNS—ALL DESCRIPTIONS

NEW YORK

BUFFALO

Eyring Julius J (Metal, Fibre, Celluloid, Indoor and Outdoor Advertising Signs. Any Kind Any Quantity) Niagara Life bldg.....Seneca 5957

ADVERTISING SIGNS (COMMERCIAL & PAINTED DISPLAY)

ILLINOIS

CHICAGO

Asgood Signs, 953 Roscoe.....Lakeview 1508

ADVERTISING SIGNS—DECALCOMANIA WINDOW SIGNS

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce...Main 1461

ADVERTISING, SIGNS, ENAMELED METAL, MUSLIN, FIBRE & CARD

ILLINOIS

CHICAGO

Enameled Steel Sign Co, 222 North State..Central 4181

ADVERTISING SIGNS & MERCHANDISE DISPLAY FIXTURES

MASSACHUSETTS

LEOMINSTER

Leominster Novelty Co, 139 Central..Leominster 49-J

ADVERTISING SIGNS—METAL

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S Lasalle.....Main 758

ADVERTISING SIGNS ON MUSLIN, FIBRE & CARD BOARD

OHIO

DAYTON

Easton Printing & Mfg Co The, 314 East 5th.Main 1989

ADVERTISING SIGNS AND OUT DOOR DISPLAY

IOWA

DES MOINES

Leonard Fowler System, S & L bldg .....Walnut 1873

ADVERTISING SLIDES

MISSOURI

ST LOUIS

Advertising Slide Co, 802 Chestnut.....Olive 1489

NEW YORK

NEW YORK CITY

Greater New York Slide Co Inc, 154 W 45th .....Bryant 2825

ADVERTISING SLIDES FOR MOTION PICTURE THEATRES

NEW YORK

NEW YORK CITY

Novelty Slide Co, 115 E 23d.....Gramercy 3672

ADVERTISING SPECIALTIES

MISSOURI

KANSAS CITY

Huntzinger Advertising & Mfg Co, Bell-Grand 3740
2615 Walnut .....Home-Main 5613

NEW YORK

BUFFALO

Offermann F J Art Works, 299 Broadway .....Bell-Howard 449
.....Federal 24-327

ADVERTISING SPECIALTIES, (ALUMINUM & BRASS ETCHED)

ILLINOIS

CHICAGO

Etching Co of America, 2526 W Congress..West 3070

NEW YORK

NEW YORK CITY

Premier Metal Etching Co, 14th St Van Alst av L I C .....Hunters Pt 2064
See our Catalog Space, page 983

ADVERTISING SPECIALTIES (CARD BOARD)

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams..Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway..Franklin 2411

ADVERTISING SPECIALTIES (MANUFACTURERS)

ILLINOIS

CHICAGO

Cruver Mfg Co, 2458 W Jackson blvd.....West 2424

ADVERTISING SPECIALTIES, (PHOTOGRAPHIC) CALENDERS,

MINNESOTA

MINNEAPOLIS

Collins Advertising Service (Schaefer-Ross Co Inc) Lumber Exchange .....Nicollet 5407

ADVERTISING WRAPPING TAPE —PRINTED AND PLAIN

ILLINOIS

CHICAGO

Chicago Printed String Co, 313 S Lasalle.Harrison 897

NEW YORK

NEW YORK CITY

Neuer & Hoffmann, 75-77 Grand.....Canal 3907

AEROPLANE MOTORS

WISCONSIN

MILWAUKEE

Wisconsin Motor Mfg Co, 44th av & Burnham Sta A ..... W Allis 337

AEROPLANE STRUT LATHES

VERMONT

SPRINGFIELD

Gilman & Son, (Branch: Fitz-Empire Double Pivot Last Co), 22 River.....Springfield 18

AEROPLANE WOOD PARTS

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

AEROPLANES

CALIFORNIA

SAN FRANCISCO

Williams Bros Aircraft Corporation, 816 Oak.Park 3514

GEORGIA

ATLANTA

Muller Geo W, Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

ILLINOIS

CHICAGO

Lawrence-Lewis Aeroplane Co, 427 S Jefferson ..... Harrison 1666

NEW YORK

BUFFALO

Curtiss Aeroplane & Motor Corp, 2000 Elmwood .....North 5400

NEW YORK CITY

Berckmans Aeroplane Co, 257 Fourth av.Gramercy 4820
Loening Aeronautical Engineering Corp, 45, 11th, L I C.....Hunters Pt 2600

AEROPLANES, AEROPLANE MOTORS AND DIRIGIBLES

WASHINGTON

SEATTLE

Harvey, Campbell Aircraft Corp, 914, 1st av S.....

AEROPLANES, BALL JOINTS, SPARK & THROTTLE CONTROL

ILLINOIS

CHICAGO

Mechanical & Electrical Mfg Co, 2227 Prairie av .....Calumet 2328

AEROPLANES, MOTORS, MODELS, SUPPLIES, ETC.

NEW YORK

NEW YORK CITY

Scientific Aeroplane Co (Advanced types of metal aeroplanes and high powered motors. High class models. Experimental work a specialty Inventions developed) 125 E 23d.Gramercy 2459

AEROPLANES, STEEL STAMPINGS

OHIO

SALEM

Mullins W H Co The, Depot Bell-Salem 800
.....Ohio State 355

AEROPLANES, WOOD PARTS

ILLINOIS

CHICAGO

Schweizer & West Mfg Co, 310-322 N Ada.Monroe 1839

AGENTS, BUSINESS BUILDERS

OHIO

CINCINNATI

Clarkson Elliott, Carew bldg.....Main 1509

AGENTS—MANUFACTURERS

PENNSYLVANIA

WILLIAMSPORT

Velott Penrose, 350 Pine.....United 479

AGITATORS, VARNISH KETTLES & TRUCKS

OHIO

CINCINNATI

Frelinger J G Iron Works, 115-17 W 2d....Main 2067

AGRICULTURAL GOODS MFRS. OX YOKES & STABLE FORKS

CONNECTICUT

CENTRAL VILLAGE

Torrey Bros Co The, Central Village.Central Village 62-2

AGRICULTURAL IMPLEMENT SUPPLIES

ILLINOIS

CHICAGO

Whitaker Manufacturing Co The, 409-415 S Green .....Haymarket 3212

AGRICULTURAL IMPLEMENTS

ILLINOIS

BUSHNELL

Norcross C S & Sons, Dean & Davis sts, Dept D .....Bushnell 43

MENDOTA

Tower J D & Sons Co, 6th av.....Mendota 165

IOWA

WATERLOO

Litchfield Mfg Co The, ...Waterloo 292

OHIO

ZANESVILLE

Brown Manufacturing Co, 802 N Bell-Zanesville 14
7th .....Ohio State 2114

AGRICULTURAL IMPLEMENTS, EAR CORN CUTTER & CRUSHER

IOWA

INDEPENDENCE

Bloom J S Mfg Co, Main St & R I Tracks .....Independence 150

AGRICULTURAL IMPLEMENTS AND TRACTORS

NEW YORK

NEW YORK CITY

Ordnance Engineering Corp'n, 120 Broadway.Rector 4794
See our Catalog Space, page 984

AGRICULTURAL MACHINERY

NEW JERSEY

TRENTON

Delp J A H & Son (Windmills, Pumps, Engines, Repairs, etc) 335 Pennington av .....Trenton 521-W

AIR BRUSH MANUFACTURERS

ILLINOIS

CHICAGO

Economy Manufacturing Company, 4755-57 London av .....Irving 4485
Paasche Air Brush Co, 1219 Washington bl .....Haymarket 7480
Star Brass Works The, 3114-3122 Carroll.Kedzie 9551
See our Catalog Space, page 1000
Wold Air Brush Mfg Co The, 716 W MadisonMonroe 1934

AIR COCKS

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

AIR COMPRESSORS

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock block .....Harrison 2300
Chicago Pneumatic Tool Co, Fisher bldg..Harrison 687
Shaw Willis, 80 E Jackson blvd.....Harrison 22
Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545
Wise Royal C, 53 W Jackson bl.....Wabash 7452
Wright David A 568 W Washington bl..Franklin 5899

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Bell-Battle Creek 2205
Maple .....Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery Pl...Rector 4515
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hil 8580
Plant Engineering & Equipment Co, 6 Church .....Cortland 6451

VIRGINIA

PETERSBURG

Stratton & Bragg Co Inc, 26 S Union..Petersburg 7

AIR COMPRESSORS, ELECTRIC

MARYLAND

BALTIMORE

Black & Decker Mfg Co The, 105-15 S Calvert .....St Paul 894

AIR COMPRESSORS, FOR GARAGES & VULCANIZERS

MICHIGAN

BATTLE CREEK

Globe Manufacturing Co, 64 Bell-Battle Creek 250-R
Grant .....Automatic 1246

AIR COMPRESSORS, GASOLINE ENGINE DRIVEN

MICHIGAN

LANSING

Novo Engine Co .....Lansing 2300

AIR COMPRESSORS—NEW & SECOND HAND

ILLINOIS

CHICAGO

Wilson Machinery Co, 331 W 36th.....Yards 354

MASSACHUSETTS

BOSTON

Ellis A Lee, 141 Milk .....Fort Hill 1994

PENNSYLVANIA

PITTSBURGH

Pittsburgh Machinery & Equipment Company, Fulton bldg .....Grant 3047

AIR COMPRESSORS, ROTARY

NEW YORK

NEW YORK CITY

Crowell Mnfg Co, 296-298 Taaffe pl, Brooklyn .....Prospect 3590

AIR & GAS COMPRESSORS—NATURAL GAS DRIVEN

OHIO

SPRINGFIELD

Miller Improved Gas Engine Co The, Fair and Plum.....Main 848

AIR GOODS, MATTRESSES AND CUSHIONS

MASSACHUSETTS

ATHOL

Athol Mnfg Co, Athol .....Athol 330

AIR LOCKS

ILLINOIS

CHICAGO

Hall Air Lock & Railway Supply Co, 76 W Monroe.....Majestic 7687

AIR MOISTENERS

ILLINOIS

CHICAGO

Savo Manufacturing Co, 89 S LaSalle....Central 2410

AIR PURIFICATION

NEW YORK

NEW YORK CITY

Wagner J H (Dust, odor removing, air washing, ventilation) 191 Spencer, Brooklyn .....Williamsburg 1804

AIR STARTERS FOR FORDS AND TRUCKS

ILLINOIS

CHICAGO

Air Device Company, 2975-2977 Cottage Grove av .....Douglas 48

AIR VALVES—AUTOMATIC

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

AIR VALVES—HOT WATER

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

ALBUMS, PHOTOGRAPH

NEW YORK

NEW YORK CITY

Steinberg S & Son, 149-153 Wooster.....Spring 5172

ALCOHOL COLOGNE SPIRITS AND DENATURED

NEW YORK

NEW YORK CITY

American Alcohol Co Inc, 60 Wall.....Hanover 6279

ALCOHOL (CRUDE WOOD)

TENNESSEE

MEMPHIS

Forest Products Chemical Compound, I C & Speed av .....Hemlock 227

ALCOHOL—DENATURED

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market.....Main 733

ALCOHOL, NON-BEVERAGE AND DENATURED

DISTRICT OF COLUMBIA

WASHINGTON

Corby Co Inc, Langdon Station.....Lincoln 1706

ALCOHOL—TAX PAID, WOOD & DENATURED

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

ALKALIES

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

NEW YORK

NEW YORK CITY

Innis Speiden & Co, 46 Cliff.....Beekman 4031

ALLOY MNFRS. AND REFINERS

NEW JERSEY

NEWARK

General Alloy Co The, 117 Walnut.....Market 2617

ALLOY STEEL

KENTUCKY

NEWPORT

Andrews Steel Co, 9th & Lowell.....South 3151

NEW YORK

NEW YORK CITY

Darwin & Milner Inc, 156 Broadway....Cortland 1956

OHIO

CANTON

United Alloy Steel Corporation Bell-Main 3200
.....Ohio State 1293

ALLOYS (ALUMINUM CASTINGS)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce st..Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock Blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E.....Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 979 Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

ALLOYS, BORONIC-ALUMINUM, COPPER & NICKEL

NEW YORK

NEW YORK CITY

LeBas Edward & Co (American Boron Products Company Inc), 64-68 Broad..Broad 5389
See our Catalog Space, pages 912-913

PENNSYLVANIA

READING

American Boron Products Company Inc, Carpenter and Cherry.....Reading 2425
See our Catalog Space, pages 912-913

ALLSTEEL OFFICE FURNITURE

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick Bell-Main 1250
.....Ohio State 2250

ALTARS, MARBLE SCAGLIOLA AND RIGALICO

ILLINOIS

CHICAGO

Daprato Statuary Co, 762-770 W Adams..Monroe 1775

ALUMINUM

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

ELMIRA

National Aluminum Works, 557-669 E Clinton .....Elmira 2171

NEW YORK CITY

Acieral Co of America, 26 Cortlandt....Cortland 1542
See our Catalog Space, page 914
Leygrand & Company, 120 Broadway.....Rector 4794
See our Catalog Space, page 978
Pope Trading Corp Inc, 90 West.....Rector 2436
Strahs Metals Co, 347 West Broadway.....Canal 1755
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Union Arcade .....Grant 5979
See our Adv., page 32, first page opposite Section 1

ALUMINUM (FLAKE—MINERS AND REFINERS)

OHIO

AKRON

Aluminum Flake Co The, Ohio bldg.....Main 205

ALUMINUM (GRANULATED AND SHOT)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk .....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Bway .....Barclay 8215
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PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
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ALUMINUM (IN SHEETS AND COILS)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce st..Liberty 4320
See our Adv., page 32, first page opposite Section 1

WATERBURY

Connecticut Brass & Manufacturing CorpWaterbury 3960

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E...Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Trade.....Grant 5979
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ALUMINUM (INGOTS)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
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ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk .....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

Peninsular Smelting Co, 1385 W Jefferson av .....Cedar 2760
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E....Cadillac 2828
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NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

OHIO

CLEVELAND

Cleveland Electro Metals Co, 2397 W 38th.Harvard 2034

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

ALUMINUM (INGOTS, SHEETS, POWDERS, RODS AND WIRE)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk .....Harrison 6628
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MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Bway .....Barclay 8215
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PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
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ALUMINUM (LEAF)

RHODE ISLAND

PROVIDENCE

American Roll Gold Leaf Co, 56 Pine.....Union 2172

ALUMINUM (SCRAP)

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

ALUMINUM (SCRAP) (BUYERS OF)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E....Cadillac 2828
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NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Bway .....Barclay 8215
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ALUMINUM (SHEET, ROD, INGOT & SCRAP)

ILLINOIS

CHICAGO

Metal Products Co., 100 S Jefferson...Haymarket 7166

ALUMINUM (SHEETS)

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

ALUMINUM ALLOY PISTONS

NEW YORK

NEW YORK CITY

Levett Walker M Co, 417-421 E 23d....Gramercy 1414

ALUMINUM ALLOYS

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

ALUMINUM ALLOYS, BORONIC METALS

NEW YORK

NEW YORK CITY

LeBas Edward & Co (American Boron Products Company Inc), 64-68 Broad...Broad 5389
See our Catalog Space, pages 912-913

PENNSYLVANIA

READING

American Boron Products Company Inc, Carpenter and Cherry.....Reading 2425
See our Catalog Space, pages 912-913

ALUMINUM BRASS

MASSACHUSETTS

SPRINGFIELD

Harley Company The, Page Boulevard.....River 910

ALUMINUM BRONZING LIQUID

ILLINOIS

CHICAGO

Nubian Paint & Varnish Co, 1856 Le-Claire av .....Albany 4214

ALUMINUM CASTINGS

ILLINOIS

CHICAGO

Anderson A H Foundry, 1211-13 Fulton...Monroe 2753

DECATUR

Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Decatur 2972

INDIANA

MUNCIE

Machinists Foundry Co, 10th and Macedonia av .....Muncie 687

NEW JERSEY

HOBOKEN

Fischer Sweeny Bronze Co, 13th and Grand.Hoboken 776

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

OHIO

CLEVELAND

Aluminum Castings Co The (Lynite) 6205 Carnegie av .....Rosedale 3770
Wellman Bronze Co The (Well Cast), 6017 Superior av .....Rosedale 3296

MASSILLON

Massillon Aluminum Co The, 733 Canal.Massillon 820

ALUMINUM CASTINGS, ALSO BRASS & BRONZE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

OHIO

BEDFORD

Holmes Wm G Bronze Co The, Stop 19 A B C Line, Cleveland Subdivision...Bedford 49

CINCINNATI

Anchor Brass & Aluminum Co The, 1108 Harrison av .....West 4410

ALUMINUM CASTINGS & BRONZE CASTINGS PLAIN OR MACHINED

NEW YORK

NEW YORK CITY

Aluminum Casting & Machine Co, 46 Broadway .....Rector 2729

ALUMINUM CLEANSER & POLISHER

NEW YORK

NEW YORK CITY

Brillo Manufacturing Co, 517-521 W 45th.Bryant 1195

ALUMINUM COOKING UTENSILS

ILLINOIS

CHICAGO

Great Northern Mfg Co, 215 W Randolph.Franklin 5436

OHIO

MASSILLON

Betty Bright Aluminum Cooking Utensils (Massillon Aluminum Co Mfrs), 733 Canal.Massillon 820

PENNSYLVANIA

ERIE

Sterling Aluminum Co., 2616 Cherry.....Erie 1435-R

ALUMINUM GOODS

NEW JERSEY

NEWARK

American Aluminum Ware Co, 380 Jelliff av .....Waverly 985

OHIO

MASSILLON

Massillon Aluminum Co The, 733 Canal.Massillon 820

ALUMINUM HYDRATE, LIGHT, 96 PER CENT

NEW YORK

NEW YORK CITY

Warner Chemical Co, 52 Vanderbilt av.Murry Hil 262

ALUMINUM SOLDER

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
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ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
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MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
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NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

ALUMINUM SOLDER & FLUXES

ILLINOIS

CHICAGO

Allen L B Co Inc (The "Allen"), 4517 to 4529 N Lincoln .....Ravenswood 2975

ALUMINUM SOLDERING

NEW YORK

NEW YORK CITY

Vetter Auto Top Co (General Repairs, Automobile Bodies & Fenders) 214-216 West 60th .....Columbus 2422

ALUMINUM WELDING

ILLINOIS

CHICAGO

Austin Welding Works, 319 S Jefferson...Wabash 1762

AMBULANCES

NEW YORK

NEW YORK CITY

Crane Ambulance Service and Oxygen Works (The oldest and only strictly private ambulance service. Expert Attendence Day & Night) 2-4 W 90th .....Riverside 500
Scully-Walton Private Ambulance Service, 1700 Broadway.....Columbus 9747

AMMETERS AND VOLTMETERS

ILLINOIS

CHICAGO

Reliance Instrument Co, 1135 W Van-buren .....Monroe 6092

AMMETERS AND VOLTMETERS REPAIRS AND TESTS

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

AMMONIA ALUM

NEW YORK

NEW YORK CITY

Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576

AMMONIA, ANHYDROUS

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

AMMONIA, ANHYDROUS & AQUA

NEW YORK

NEW YORK CITY

Schwenker W M Inc, 340-2-4 E 92nd.....Lenox 435

AMMONIA—CHEMICALLY PURE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

AMMONIA, HOUSEHOLD, LAUNDRY BLUING, VINEGAR MFRS.

MINNESOTA

MINNEAPOLIS

Bertrand H Mfg Co, 137 N 10th.....Tri-State 36592

AMMONIA, SUBSTITUTE, DRY POWDERED FORM

ILLINOIS

CHICAGO

Finger R Co The, 2905-07 W Madison.Van Buren 2143

AMMONIA, SULPHATE

NEW YORK

NEW YORK CITY

Alexander G S & Co Inc, 61 Bway.....Rector 6170

AMMUNITION, SPECIAL, WOOD BOXES, ETC.

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

AMUSEMENT DEVICES

ILLINOIS

CHICAGO

Evans H C & Co, 1528 W Adams.....Haymarket 7630

AMUSEMENTS FURNISHED THEATRES AND CLUBS

MICHIGAN

DETROIT

National Amusement Exchange (Attractions for Parks, Fairs and Celebrations), Book bldg .....Cadillac 2712

AMYL ACETATE

NEW YORK

NEW YORK CITY

Du Pont Chemical Works Equitable bldg, 120 Bway .....Rector 5727

ANCHORS, JOIST

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 E 79th .....Bell-Rosedale 3036
Ohio State-Princeton 222

ANDIRONS

NEW YORK

NEW YORK CITY

Jackson Wm H Co, 2 W 47th.....Bryant 8430
Janusch Mfg Co, 496 E 134th.....Melrose 1322

ANDIRONS AND FIREPLACE FIXTURES

NEW YORK

NEW YORK CITY

Graf Frank H Mfg Co, 324, 7th av cor 28th .....Chelsea 320
Jackson Edwin A & Bro Inc, 50 Beekman.Beekman 1841

ANGLES

NEW YORK

NEW YORK CITY

Sweets Steel Co (J H Finch, District Sales Mngr) 2 Rector.....Rector 440

OHIO

CLEVELAND

Cushman H D Co, Rockefeller bldg.....Main 1871

PENNSYLVANIA

PHILADELPHIA

Sweets Steel Co, Land Title bldg.....Locust 147

WILKES BARRE

Sweets Steel Co, Miners Bank bldg..Wilkes-Barre 3667

WILLIAMSPORT

Sweets Steel Co, 25 W 3d.....Williamsport 1286

ANGLES, CHANNELS & BEAMS

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress..... Main 7000
See our Catalog Space, page 1009

ANGLES, CHANNELS & ZEES FORMED FROM SHEET STEEL

NEW YORK

NEW YORK CITY

Standard Steel Sections Inc, 608 E 133d .....Melrose 1966
See our Catalog Space, page 1009

ANILINE COLORS

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

NEW YORK

NEW YORK CITY

American Aniline Products Inc, 80, 5th av..Chelsea 9500
Heller & Merz Co The, 505 Hudson.....Spring 9105
Peuchot A Inc, 129 Crosby.....Spring 4593

ANILINE DYE CANS

NEW YORK

NEW YORK CITY

Pelletier Napoleon, 2d St nr Broad Maspeth Brooklyn ..... Newtown 1760

ANILINES

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

ANIMAL AND BIRD DEALERS

NEW YORK

NEW YORK CITY

New York Kennels (Proprietor, Reuben Clark, International Judge) 118 E 9th..Stuyvesant 5589

ANNEALING BOXES

NEW JERSEY

GARWOOD

Garwood Bronze & Iron Works, 312 North av .....Westfield 762-W

ANNEALING MIXTURES

MICHIGAN

DETROIT

Park Chemical Company ("Klean Heat") 29-35 Lovett .....Walnut 4481

ANNUNCIATORS—ELECTRICAL

NEW YORK

NEW YORK CITY

Knickerbocker Annunciator Co, 116 West.Cortland 2301

ANODES TO ORDER—COPPER, BRASS & ZINC

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson...Haymarket 7166

ANTIMONY

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
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MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
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NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
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Wenger Paul & Co, 100 Broadway.....Rector 5083

ANTIQUE OBJECTS OF ART—RESTORED, BOUGHT & SOLD

ILLINOIS

CHICAGO

Boetter Jean, 1931 S Wabash av.....Calumet 478

ANTIQUE WOOD & MARBLE MANTELS

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877, 620 E 14th .....Forsyth 9280

ANTIQUE WOOD WORK-REPRODUCTIONS, ETC.

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
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ANTIQUES

NEW YORK

NEW YORK CITY

Ye Olde Shoppe Inc, 385 Madison av....Murry Hil 7838

ANTIQUES, HAND HAMMERED IRON, BRASS, BRONZE—MFRS.

ILLINOIS

CHICAGO

Johnson-Meier Co, 155-157 Wendell.....Superior 5205

ANVILS

OHIO

COLUMBUS

Columbus Anvil & Forging Co The, Bell-Main 722
117 W Frankfort .....Ohio State 5411
Columbus Forge & Iron Co The, Bell-North 204
Foot of W First av .....Ohio State 2848

APPLIANCE JACKETED KETTLES, NEW—USED

NEW YORK

NEW YORK CITY

Brooklyn Paper Mills, 96-98 Jay, Bklyn.....Main 1395

APPRAISAL ENGINEERS

NEW YORK

BUFFALO

Ellsworth, Barrows & Reeves (Valuation of Public Utilities, Industrial Properties) 50-52 West Eagle .....Seneca 717

APPRAISAL—HOTELS, CLUBS, RESIDENCES, STORES, ETC.

WISCONSIN

MILWAUKEE

Fidelity Appraisal Co, University bldg.....Main 4130

APPRAISAL-INDUSTRIAL REAL ESTATE

ILLINOIS

CHICAGO

Mills Walter, 30 N Lasalle.....Franklin 923

APPRAISALS—MANUFACTURING PLANTS, ETC.

ILLINOIS

CHICAGO

Standard Appraisal Co (Lane Lyle, Rep) N Y Life bldg 39 S LaSalle....Central 5918

MASSACHUSETTS

BOSTON

Standard Appraisal Co, 36 Bromfield.....Main 50746

MISSOURI

KANSAS CITY

Standard Appraisal Company (Southwestern Appraisal Co, Rep), Kemper bldg.....Main 1566

NEW YORK

NEW YORK CITY

Standard Appraisal Company, 56 Pine.....John 6040

PENNSYLVANIA

PHILADELPHIA

Standard Appraisal Company, 411 Walnut .....Lombard 1773

APPRAISERS

CALIFORNIA

SAN FRANCISCO

American Appraisal Co The, Merchant's Nat'l Bank bldg.....Sutter 1323
Fidelity Appraisal Co, Monadnock bldg....Sutter 506

CANADA

MONTREAL, QUEBEC

Canadian Appraisal Company, Ltd, The, 17 St John .....Main 160
National Appraisal Co, 120 St James.....Main 806

TORONTO, ONTARIO

Canadian Appraisal Company Ltd, The, Royal Bank bldg.....Adelaide 4679

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson Inc, 1089 Broad.....Barnum 4800

HARTFORD

Fletcher-Thompson Inc, 626 Connecticut St Mutual bldg.....Bushnell 234

ILLINOIS

CHICAGO

American Appraisal Co The, First Nat Bank bldg .....Central 6942
Chicago Appraisal Company, 175 W Jackson bl .....Wabash 7444
Coats & Burchard Co, 11 S LaSalle.....Central 3409
Commonwealth Audit Co, First Nat Bank bldg .....Randolph 4201
Fidelity Appraisal Co, Insurance Exchange bldg .....Harrison 66
Illinois Appraisal Co, 8 S Dearborn.....Central 567
Lloyd-Thomas Co, The, 1124 Wilson av.Edgewater 8100
Manufacturers' Appraisal Co, Monadnock blk .....Harrison 2178
Niehoff & Hanna, 139 N Clark .....Randolph 5912
Rau Appraisal Co. Monadnock blk.....Harrison 3377
Walker Frank R Co, 168 N Michigan..Randolph 1304

LOUISIANA

NEW ORLEANS

American Appraisal Co The, Hennen bldg...Main 78

MASSACHUSETTS

BOSTON

American Appraisal Co The, 27 School...Fort Hill 5966
Leonard & Co, 46-48 Bromfield.....Main 53932
National Appraisal Co, 261 Franklin....Fort Hill 1895

MICHIGAN

DETROIT

American Appraisal Co The, Ford bldg Cherry 5282
Lloyd-Thomas Co The, Kresge bldg.....Cadillac 816
Manufacturers' Appraisal Company, Dime Bank bldg .....Main 1511
Tree & Fleming, Lincoln bldg.....Main 2382

MISSOURI

ST LOUIS

American Appraisal Co The, Pierce bldg.Olive 458
Fidelity Appraisal Co, Central Nati Bell-Olive 1021
Bank bldg .....Kinloch-Central 3765
Manufacturers' Appraisal Company, Pierce bldg .....Main 735

NEW JERSEY

NEWARK

Thompson-Fletcher Inc, 207 Market.....Market 4467

NEW YORK

BUFFALO

American Appraisal Co The, (H D Clifton) 588 Parkside av.....Crescent 1509-W

NEW YORK CITY

American Appraisal Co The, 120 Broadway.Rector 7078
Coats & Burchard Co, 128 Broadway....Cortland 2916
Fidelity Appraisal Co, Grand Central Terminal bldg .....Murry Hill 8880
International Appraising Co, (Detailed Certified Appraisals, Residences, Industrial Properties) Main Office, 35 Nassau.....Cortland 5962
Interstate Appraisal Co Inc, 141 Broadway .....Cortland 4344
Manufacturers' Appraisal Company, Singer bldg .....Cortland 4072
National Appraisal Co, 149 Bway.....Cortland 4360

OHIO

CINCINNATI

American Appraisal Co The, Union Central bldg .....Main 88
Lloyd-Thomas Co The, First Natl Bank bldg.Main 359

CLEVELAND

American Appraisal Co The, Garfield bldg.Main 571
Lloyd-Thomas Co The, New Guardian bldg..Main 5694
Manufacturers' Appraisal Company, Commercial Bank bldg.....Main 968

PENNSYLVANIA

PHILADELPHIA

American Appraisal Co The, Witherspoon bldg .....Walnut 3535
Manufacturers' Appraisal Company, Drexel bldg .....Lombard 331

PITTSBURGH

American Appraisal Co The, Oliver bldg...Grant 3772

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson Inc, Turks Head bldg..Union 1989

WISCONSIN

MILWAUKEE

American Appraisal Co The, 161 Michigan..Main 1727
Fidelity Appraisal Company, University bldg.Main 4030
Lloyd-Thomas Co The, First Natl Bank bldg.Main 311
Rau Appraisal Co, Patton bldg.....Grand 3122

APPRAISERS & ACCOUNTANTS-ALL PURPOSES

NEW YORK

NEW YORK CITY

Actual Appraisal Co Inc, (Industrial residential, estates and tax reports) 233 BroadwayBarclay 7455

APRONS

NEW YORK

NEW YORK CITY

Clark L H Mfg Co, (Sani-A-Pron), 290 Taafe pl, Brooklyn .....Prospect 7208

APRONS—LEATHER

ILLINOIS

CHICAGO

Pick Richard Mfg Co, 224 N Wells.....Main 1545

APRONS—MNFRS

ILLINOIS

CHICAGO

Aetna Apron Co, 178 W Jackson bl.....Wabash 4046
Simon N & Co, 821 Rees.....Diversey 1820

AQUA AMMONIA

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl....Rector 600
Tower Chemical Co Inc, 258 Broadway..Barclay 4777

AQUARIA—ACCESSORIES, ETC.

NEW YORK

NEW YORK CITY

Wapler Nicholas, 28 Warren.....Barclay 5920

AQUARIA & AQUARIA SPECIALTIES—WHSLE

NEW YORK

NEW YORK CITY

Aquarium Stock Co, 150 Chambers.....Barclay 5392

ARCH SUPPORTS AND FOOT APPLIANCES

CALIFORNIA

SAN FRANCISCO

Wonder Mfg Co The, 156 Second.....Kearny 2500

PENNSYLVANIA

PHILADELPHIA

Philadelphia Orthopedic Co, 49 N 13th..Walnut 294

ARCHES, BOILER AND STOKER

ILLINOIS

CHICAGO

Detrick M H Co, 549 Washington bl.....Franklin 4776

ARCHITECTS

ILLINOIS

CHICAGO

Davidson & Weiss, 53 W Jackson bl....Harrison 7818
Gerhardt Paul, Schiller bldg 64 W Randolph .....Central 3178
Liedberg Hugo J, 154 W Randolph.....Main 3617
Stanhope Leon E, 111 W Monroe.....Central 2577
Stebbings W L, Monadnock blk.....Harrison 258

MICHIGAN

BENTON HARBOR

Bennett Wm Arthur, 143 Pipestone.Benton Harbor 1557

MINNESOTA

MINNEAPOLIS

Burner James A Co, McKnight bldg....Nicollet 3247

NEW JERSEY

TRENTON

Slack Wm W & Son (Designers of Practical and Beautiful) 144 E State.....Trenton 921

OHIO

TOLEDO

Huber Thomas F, Spitzer bldg.Ohio State-Main 922

SOUTH CAROLINA

CHARLESTON

Todd, Simons & Todd, 63 Broadway..Charleston 1778

ARCHITECTS, ARCH-ENGINEERS, COMMERCIAL BLUE PRINTING

INDIANA

KOKOMO

Barrett Chas W, Spraker blk.....Kokomo 1238

ARCHITECTS—BANK (BOTH BUILDING AND FIXTURES)

GEORGIA

ATLANTA

Muller Geo W, Bank Fixture Co cor Lakewood av & Sou Ry.....Main 793

ARCHITECTS, COUNTRY HOMES, MOUNTAIN CAMPS & HOUSES

NEBRASKA

OMAHA

Dodds Everett S, Brandeis Theatre bldg..Douglas 2981

ARCHITECTS & ENGINEERS

ILLINOIS

CHICAGO

Giaver & Dinkelberg, 80 E Jackson bl....Wabash 8727

ARCHITECTS & ENGNR'S, REINFORCED CONCRETE CONSTR'N

MONTANA

GREAT FALLS

Schuppert R C Stanton Bank bdg....Great Falls 356

ARCHITECTS' AND ENGINEERS' SUPPLIES

IOWA

DES MOINES

Architects-Engineers Supply Co, 809 Mulberry .....Walnut 1487

MISSOURI

ST LOUIS

Ruckert Architects Supply Co, Merchants-Laclede bldg .....Main 5200

OHIO

CINCINNATI

Prince L M Co, 108 W 4th.....Main 17

DAYTON

Dayton Blue Print & Supply Co The, Bell-Main 358
36-38 S Jefferson .....Ohio State 4858

WISCONSIN

MILWAUKEE

Otto F A, 307, 133, 2d.....Grand 2504

ARCHITECTS—ENGNRS, WAREHOUSE, FACTORY, POWER PLANT

OHIO

TOLEDO

Havlicek Roman, Gardner bldg.....Ohio State 7069

ARCHITECTS' HOSPITAL SERVICE

ILLINOIS

CHICAGO

Woodbridge Carlin H, 104 S Michigan av.Randolph 6014

ARCHITECTS' RENDERINGS, PERSPECTIVES & SKETCHES

ILLINOIS

CHICAGO

Morgan Chas L, 104 S Michigan av.....Randolph 6014
Wilson Frances M, 116 S Michigan av...Randolph 6067

ARCHITECTURAL BRONZE WORK

ILLINOIS

CHICAGO

Chicago Architectural Bronze Co, 519 W Van Buren ..... Wabash 5496

ARCHITECTURAL CARVERS AND MODELERS

ILLINOIS

CHICAGO

Dux Joseph, 2118 W Van Buren.....West 1703

ARCHITECTURAL IRON WORKS

ILLINOIS

CHICAGO

Chicago Iron & Steel Co, 733 Fulton....Monroe 3612
Duffin Iron Co, 4837-55 S Kedzie av...McKinley 732
Manton & Smith Company, 1709 W Austin av .....Haymarket 6145
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

ARCHITECTURAL & ORNAMENTAL IRON & WIRE WORKS

OHIO

TOLEDO

Art Iron & Wire Works, 2113 Bell-Main 3670
Canton .....Ohio State-Main 3670

ARCHITECTURAL SCULPTORS

ILLINOIS

CHICAGO

Dux Joseph, 2118 W Vanburen.....West 1703

ARCHITECTURAL SCULPTORS—MODELERS & DESIGNERS

MISSOURI

ST LOUIS

Berlendis Victor, 1329 S Vandeventer....Grand 4647

ARCHITECTURAL WOOD AND STONE CARVING & DESIGNING

ILLINOIS

CHICAGO

Dux Joseph, 2118 W Vanburen.....West 1703

ARCHITECTURAL WOODWORK

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506 E 19th .....Gramercy 3239

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ARMATURE COILS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger & Elder.....City 2164
See our Catalog Space, page 929

ARMATURE COILS & ARMATURE REWINDING

PENNSYLVANIA

PITTSBURGH

Stimple & Ward Co Inc, 520 Sandusky.Bell-Cedar 2143
.....P & A-North 345

ARMATURES AND ARMATURE REWINDING

OHIO

CLEVELAND

Cleveland Armature Works, 4732 St Clair av N E .....Rosedale 2954

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th.....Bell-Walnut 2963 Keystone-Race 20

ARMORED CABLE AND FLEXIBLE STEEL CONDUITS

NEW JERSEY

NEWARK

American Metal Moulding Co, 141 NJ RR av .....Market 9809

ARMS AND AMMUNITION

NEW YORK

NEW YORK CITY

Ordnance Engineering Corporation, 120 Broadway .....Rector 4794
See our Catalog Space, page 984

ART EMBROIDERY, SILK RIBBON NOVELTIES, MNFRS.

NEW YORK

NEW YORK CITY

"Ipex" 40-42 E 19th.....Gramercy 4663

ART GLASS

ILLINOIS

CHICAGO

Schuler Art Glass Co, 617-631 W Jackson bl .....Haymarket 3672
Schuler-Mueller Co, 314-322 W Superior.Superior 5649

PEORIA

Morgan R J Art Glass Signs, 103, 3d.....Main 2623

MISSOURI

ST LOUIS

W F Other Unique Art Glass Co, 17th between Olive & Locust.....Bell-Olive 5059 Kinloch-Central 5059

OHIO

COLUMBUS

Acme Art Glass Co, 79 East Main.. Bell-Main 899
.....Ohio State 4694
Von Gerichten Art Glass Co, 555 S High .....Bell-Main 3925 Ohio State 2703

PENNSYLVANIA

PITTSBURGH

Pittsburgh Art Glass Co, Warden and McCartney W E .....Walnut 198

ART GLASS MANUFACTURERS & REPAIRERS

OHIO

CINCINNATI

Grau-Sauer Art Glass Co, Ravine and Warner .....West 4017

ART GLASS AND MEMORIAL WINDOWS

MICHIGAN

DETROIT

Detroit Stained Glass Works, 1373-5 Fort West .....Cedar 2429

ART GLASS METAL TABLE LAMPS—MNFRS.

ILLINOIS

CHICAGO

Mosaic Shade Co The, 1512 S Mich av..Calumet 7363

ART IMPORTERS & PUBLISHERS

NEW YORK

NEW YORK CITY

Bergmann Frederick F (Color prints, photogravures, carbons, fac-similes, etc.) 225 Fifth av .....Madison Sq 6637

ART LEATHER

NEW YORK

BUFFALO

Cordova Shops The Inc, 237 Elm.....Seneca 4719

ART MARBLE AND GARDEN FURNITURE

NEW YORK

MOUNT VERNON

Church Art Work Co The, 523 S 7th av.Mt Vernon 1293

ART NEEDLEWORK—IMPORTERS & MANUFACTURERS

NEW YORK

NEW YORK CITY

Warner Mfg Co, 23 E 22nd.....Gramercy 5588

ART NOVELTIES

ILLINOIS

CHICAGO

Chicago Society of Art Needlework, 143 N Wabash av .....Central 3386

ART NOVELTY MNFRS.

CALIFORNIA

SAN FRANCISCO

Alyta Co (Alyta-A Decorative Art), 783 Mission .....Garfield 1385

ART NOVELTY MNFRS. OF SILK AND CRETONNE

NEW YORK

NEW YORK CITY

Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

ARTESIAN AND DRIVEN WELL CONTRACTORS

ILLINOIS

CHICAGO

Gray F M Jr, 14 E Jackson bl.....Harrison 1147

MASSACHUSETTS

BOSTON

Artesian Well & Supply Co, 170 Summer...Main 1255

SOMERVILLE

Burt Wm H Co, 32 Glen .....Somerville 665-M

NEW YORK

NEW YORK CITY

Artesian Well & Supply Co, 103 Park av.Murry Hil 4730
Phillips & Worthington, 90 West.....Rector 3017

PENNSYLVANIA

PHILADELPHIA

Artesian Well Drilling Co, Real Estate Trust bldg .....Bell-Walnut 6559 Keystone-Race 2944
Ridpath & Potter Co, Bourse bldg.....Lombard 3544

RHODE ISLAND

PROVIDENCE

Artesian Well & Supply Co, Providence...E Prov 198
Barker Artesian Well Co, 141 Allens av...Union 3770

WISCONSIN

MILWAUKEE

Gray F M Jr, M & M Bank bldg.....Grand 3762

ARTIFICIAL ARMS

MISSOURI

KANSAS CITY

Carnes Artificial Limb Co, 904 E 12th .....Bell-Grand 4488 Home-Main 9298

ARTIFICIAL CORUNDUM WHEELS, MANUFACTURERS

OHIO

DAYTON

Dayton Grinding Wheel Co, Summit and Negley pl .....Bell-Fairview 264 Ohio State 2912

ARTIFICIAL EYES FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Schoepfer G, 1423-1425 E 95th, Brooklyn.Canarsie 6824

ARTIFICIAL EYES, HUMAN

ILLINOIS

CHICAGO

Mager & Gougelmann Inc, 14 W Washington Central 8755

NEW YORK

NEW YORK CITY

Fried Charles, 36 E 23d.....Gramrcy 2280
Kohler Bros, (Reform and Shell Eyes made to Order. Satisfaction Guaranteed. Stock and Selections) 129 E 23d.....Gramrcy 3950
Mager & Gougelmann, 108 E 12th.....Stuyvsnt 3913

ARTIFICIAL FLOWER COLORS AND DYES

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt .....John 1625
See our Catalog Space, page 1025

ARTIFICIAL FLOWER COVERED WIRE

NEW YORK

NEW YORK CITY

Holyoke Covered Wire Co, 621 Broadway.Spring 5051
See our Catalog Space, page 1025

ARTIFICIAL FLOWERS

CALIFORNIA

SAN FRANCISCO

Botanical Decorating Co (Bornstein Bros), 1055 Market .....Market 780

ILLINOIS

CHICAGO

Baumann L & Co, 357-359 W Chicago av.Superior 7734
Botanical Decorating Co, 208 W Adams.Franklin 5580
Randall A L Company, 180 N Wabash av.Central 7720
Schack Artificial Flower Co The, 1739-1741 Milwaukee av .....Humboldt 304

MICHIGAN

DETROIT

Botanical Decorating Co (Robt J Benning) Park bldg .....Cherry 4812
Deall F J 120½ Farmer.....Cadillac 1829

MISSOURI

KANSAS CITY

Botanical Decorating Co (Sanson Morehouse) 12th & Walnut .....Main 7905

NEW YORK

NEW YORK CITY

Botanical Decorating Co (J R.Palmenberg's Sons), 63 W 36th .....Greeley 1450
Fontaine Inc. (Wholesale, Retail, Artificial Flowers, Plants, Hedges, for every purpose. Write for catalogue), 273, 5th av...Mad Sq 8776
Gehring L & Co (Artificial flowers, bridal and confirmation wreaths) 137 Manhattan av, Brooklyn .....Stagg 4694
Pletscher Fred R, 187 Mercer.....Spring 1386
Roman Philip, 75-77 West 44th.....Vanderbilt 844
Sholtz F W, 279 Cooper, Bklyn.....Bushwick 6264

ARTIFICIAL FLOWERS AND DECORATIVE PLANTS

NEW YORK

NEW YORK CITY

Netschert Frank, 61 Barclay.....Barclay 6410

ARTIFICIAL FLOWERS AND DECORATIVES

ILLINOIS

CHICAGO

Adler-Jones Co The, 338 S Market.....Harrison 940

ARTIFICIAL FLOWERS FOR DECORATIVE PURPOSES

IOWA

DES MOINES

Hulsizer Co The, 427 Grand av.....Walnut 1379

NEW YORK

NEW YORK CITY

Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition, 1915), 949 Broadway, 175, 5th av.....Gramercy 2713
Roman Philip, 75-77 West 44th.....Vanderbilt 844

ARTIFICIAL FLOWERS, MATERIALS

NEW YORK

NEW YORK CITY

Lieval Joseph, 205 Wooster.....Spring 4795

ARTIFICIAL LEATHER

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

MASSACHUSETTS

ATHOL

Athol Manufacturing Company.....Athol 330

BOSTON

Endura Mfg. Co, (John D Young & Sons Co), 39 Lincoln.....Beach 357

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

MISSOURI

ST LOUIS

Endura Mfg Co (Niedringhaus & Koeneke), 108 S Main.....Main 565

NEW YORK

NEW YORK CITY

Athol Manufacturing Company, 505 Fifth av .....Murry Hil 8304
Du Pont Fabrikoid Company, Equitable bldg, 120 Bway.....Rector 5720
Endura Mfg Co, 45 Lafayette.....Franklin 1885
O'Bannon Corporation, 200, 5th av....Gramercy 5241

OHIO

CINCINNATI

Endura Mfg Co (W A Lippincott Co), 713 Sycamore .....Canal 4217

PENNSYLVANIA

PHILADELPHIA

Endura Mfg Co, 63d & Eastwick av.....Woodland 630

ARTIFICIAL LIMBS

CALIFORNIA

SACRAMENTO

Sacramento Artificial Limb Co 913, 10th..Main 2812-J

SAN FRANCISCO

Aunger Artificial Limb Co, Latest Patent Improvements Comfort and Service, 84 Seventh.Market 6055

COLORADO

DENVER

Gaines-Erb Co The, 1557 Larimer.....Main 7083

ILLINOIS

CHICAGO

Sharp & Smith 155-157 Michigan bl...Randolph 3421
20th Century Artificial Limb Co, 117 N Dearborn .....Central 4664

KENTUCKY

LOUISVILLE

Blevens Artificial Limb Mfg Co, Walker bldg .....Home-City 7622

MASSACHUSETTS

BOSTON

Boston Artificial Limb Co, 226 Tremont....Beach 1599
Fuller Geo R Co, 17 Bromfield.....Main 4503
Rich Artificial Limb Co, 180 Tremont.....Beach 4243
United Limb & Brace Co Inc The (Manufacturers patented Slip-Socket Limbs, Arms and Orthopedic Appliances, send for Catalogue) 61 Hanover .....Haymarket 1587

MINNESOTA

MINNEAPOLIS

Minneapolis Artificial Limb Co, 226 S 4th .....Bell-Main 3846 Tri State 35079

MISSOURI

JOPLIN

Wintermute & Sons Artificial Limb Co, 1617 Main .....

NEW YORK

BUFFALO

Fuller Geo R Co, 141 Ellicott.....Seneca 3873-J

NEW YORK CITY

Ditman A J, 2 Barclay.....Barclay 7045
Dorrch George, 728 Lexington av.....Plaza 4924
Eisen Wm M Co, 412, 8th av nr Penn Depot .....Chelsea 3372
Ryder Artificial Limb Corp The, 219 E 34th .....Murry Hill 7483

ROCHESTER

Fuller Geo R Co, 280 Andrews.....Main 2679

OHIO

CINCINNATI

Forster-Treuheit Co The, 507 Central av..Canal 5134

CLEVELAND

Cleveland Artificial Limb Co The, 717 Superior av N E.....Main 3772

PENNSYLVANIA

PHILADELPHIA

Fuller Geo R Co, 1233 Arch.....Locust 4078
Philadelphia Orthopedic Co, 49 N 13th....Walnut 294

UTAH

SALT LAKE CITY

Fit Well Artificial Limb Co, 135 W Third South .....Wasatch 6264
Salt Lake Artificial Limb Co The, 134 W South Temple.....Wasatch 8128

WISCONSIN

MILWAUKEE

Doerflinger Artificial Limb Co The, 452 East Water .....Main 1461

ARTIFICIAL LIMBS & ORTHOPEDIC APPLIANCES

CALIFORNIA

LOS ANGELES

Howell Artificial Limb Co The, 102 S Spring .....Broadway 3530

ARTIFICIAL LIMBS & SUPPLIES

DISTRICT OF COLUMBIA

WASHINGTON

Hanger J E Inc, 221-3 G st.....Main 1024

GEORGIA

ATLANTA

Hanger J E Inc, 165 Pryor.....Main 3390

MISSOURI

ST LOUIS

Hanger Artificial Limb Co, 1914 Olive...Bomont 250

PENNSYLVANIA

PHILADELPHIA

Hanger J E Inc, 124 N 15th.....Spruce 4413

PITTSBURGH

Hanger J E Artificial Limb Co, 621 Smithfield .....Grant 6142

ARTIFICIAL LIMBS & SURGICAL APPLIANCES—ALL KINDS

ILLINOIS

CHICAGO

United Surgical Appliance Co, 231 S Halsted .....Monroe 5539

ARTIFICIAL LIMBS, TRUSSES, ABDOMINAL SUPPORTERS

ILLINOIS

CHICAGO

Chicago Deformity Apparatus & Truss Co, 2717 Lincoln av .....Diversey 2966

WISCONSIN

MILWAUKEE

Milwaukee Artificial Limb Co, 314 State....Grand 3535

ARTIFICIAL MARBLE AND SCAGLIOLA

NEW YORK

NEW YORK CITY

Nocenti Michael Co Inc, 649 W 43d.....Bryant 336

ARTIFICIAL SILK FABRICS AND YARNS

NEW YORK

NEW YORK CITY

Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

ARTISTS

ILLINOIS

CHICAGO

Barnett Jos H & Co, 508 S Dearborn....Harrison 1389
Hawtin Engraving Co The, 19 S Wells.....Main 4103
Nicolai C A, 538 S Dearborn.....Wabash 8622
Osgood Co, 430 S Market.....Wabash 2358

MINNESOTA

MINNEAPOLIS

Bureau of Engraving Inc, 15 and 17 S 6th .....Bell-Main 1592 Tri State 34315

ARTISTS, COMMERCIAL

ILLINOIS

CHICAGO

Erickson-Shepherd, 218 S Wabash av....Harrison 1040
Goldschmidt Robert, 537 S Dearborn.....Wabash 2119

ARTISTS & DESIGNERS—COMMERCIAL

OHIO

CINCINNATI

Eichner & Bank, Lyric bldg.....Canal 4664

ARTISTS, DESIGNING AND MODELING

PENNSYLVANIA

PITTSBURGH

Designing & Modeling Studios, 631 Penn av.Grant 3254

ARTISTS AND ENGRAVERS

ILLINOIS

CHICAGO

Waskow Co The, 551 W Washington bl.Franklin 5231

ARTISTS' MATERIALS

ILLINOIS

CHICAGO

Campana D M Art Co, 323-325 S Wabash av .....Harrison 6633

ARTISTS' MATERIALS (WHOLESALE & RETAIL)

ILLINOIS

CHICAGO

Abbott A H & Co, (Retail Store 19 N Wabash av), 208 S. Wabash av....Harrison 8870

ARTISTS' MATERIALS & DRAWING SUPPLIES

ILLINOIS

CHICAGO

Favor Ruhl & Co, 425 S Wabash av...Harrison 7215

ARTISTS' SUPPLIES

OHIO

DAYTON

Dayton Blue Print & Supply Co The, 36-38 S Jefferson .....Bell-Main 358 Ohio State 4858

ARTISTS' WATER COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

ASBESTOS

CANADA

MONTREAL

Federal Asbestos Co (Mine Owners and Producers, Raw Asbestos) 282 St Catherine West .....Uptown 6120
Jacobs Asbestos Mining Co of Thetford Ltd (Mine Owners and Producers, Raw Asbestos) 282 St Catherine West....Uptown 6120

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin.Main 3761
Mikesell Brothers Co, 178 N Lasalle....Franklin 2542
Sall Mountain Company, 230 S LaSalle..Wabash 1840

NEW YORK

NEW YORK CITY

Danubil Company, The, 253 Broadway...Barclay 6017
See our Catalog Space, page 915

ASBESTOS (PRODUCERS)

NEW YORK

NEW YORK CITY

Schaat-Regelman E 220 Bway.....Cortland 5235

ASBESTOS BOILER AND PIPE COVERING

ILLINOIS

CHICAGO

Ajax Pipe & Boiler Covering Co, 9 W 22d.Calumet 4019

ASBESTOS COVERINGS

NEW JERSEY

PATERSON

Paterson Asbestos Mfg Co, 170 Clay....Paterson 4370

ASBESTOS GLOVES FOR ACID WORK & HEAT

NEW YORK

NEW YORK CITY

Danubil Company, The, 253 Broadway...Barclay 6017
See our Catalog Space, page 915

ASBESTOS GOODS

ILLINOIS

CHICAGO

Acme Asbestos Covering & Supply Co, ne cor Kinzie & Ada.....Monroe 2343
Central Asbestos & Magnesia Co, 214-216 W Grand av.....Randolph 4830
Chicago Asbestos Mfg Co, 1909-17 W 22d pl .....Canal 1093
Standard Asbestos Mfg Co, 820-22 W Lake .....Monroe 2011

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 West 16th.....Chelsea 1049

WASHINGTON

SEATTLE

Brower Chas R & Co, 114 Virginia.....Elliott 2049

ASBESTOS METALLIC SHEET

NEW YORK

NEW YORK CITY

Danubil Co The, 253 Broadway.....Barclay 6017
See our Catalog Space, page 915

ASBESTOS PRODUCTS

MASSACHUSETTS

BOSTON

Nightingale & Childs Co, 205 W Congress.Fort Hill 1041
Norristown Magnesia & Asbestos Co, 23 Lewis Wharf .....Richmond 2570

NEW YORK

NEW YORK CITY

Burgmann Asbestos & Packing Mills, 26 Cortlandt .....Cortland 1985

PENNSYLVANIA

NORRISTOWN

American Asbestos Company.....Norristown 345
Norristown Magnesia & Asbestos Co...Norristown 1620

ASBESTOS TAPE

NEW YORK

NEW YORK CITY

Danubil Co The, 253 Broadway.....Barclay 6017
See our Catalog Space, page 915

ASBESTOS, TEXTILES AND PRODUCTS

NEW YORK

NEW YORK CITY

Asbestos Textile Co Inc, Woolworth bldg..Barclay 6126

ASH BARRELS

MASSACHUSETTS

BOSTON

Sexton Can Company, 228 Franklin.....Main 4

ASH CAN CONSTRUCTORS

NEW YORK

NEW YORK CITY

Manhattan Ash Can Mfg Co, 620-22 Grand .....Orchard 2004

ASH CANS

NEW YORK

NEW YORK CITY

Brooklyn Ash Can Manufacturing Co, 2196 Fulton, Bklyn .....East N Y 1384
International Ash Can Works, 461, 3d av .....Murry Hil 1670
Masnikoff & Pershikoff, 620 Broadway, Brooklyn .....Stagg 4556

ASH CANS, ASH SIFTERS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

ASH CANS AND CARRIERS STREET CLEANING, ETC

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978

ASH CANS AND GARBAGE CANS

NEW YORK

NEW YORK CITY

Indestructible Ash Can Co, The, (Manufacturers of Engineers', Stable, Garbage, Waste, Corrugated, Street, Steamboat and Sugar Cans) 495 Broome .....Spring 3894

ASH CONVEYORS

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples Bank bldg .....Court 3057
See our Catalog Space, page 956

ASH EJECTORS

NEW YORK

NEW YORK CITY

Row & Davis, Engineers, Inc, 140 Cedar..Rector 9135

ASH HANDLING EQUIPMENT

ILLINOIS

CHICAGO

Brady James A Foundry Co, 45th & Western bl .....McKinley 3080
Green Engineering Co, 14 E Jackson bl.Harrison 1743

MISSOURI

ST LOUIS

Green Engineering Co, Railway Exchange bldg .....Olive 4463

NEW YORK

NEW YORK CITY

Green Engineering Co, 50 Church .....Cortland 6543

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth.....North 2360

PENNSYLVANIA

PITTSBURGH

Green Engineering Co, Oliver bldg.....Grant 1380

ASH AND COAL HANDLING EQUIPMENT

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

ASH HOISTS

MASSACHUSETTS

CAMBRIDGE

Payne F S Co, Richdale av.....Cambridge 4376

ASH HOISTS—DISAPPEARING

NEW YORK

BUFFALO

Ernst Chas K, 1003 E Ferry.....Oxford 2240-W

ASH HOISTS, DISAPPEARING, HYDRAULIC

MASSACHUSETTS

CAMBRIDGE

Payne F S Co, Richdale av.....Cambridge 4376

ASPHALT

CALIFORNIA

SAN FRANCISCO

Barber Asphalt Paving Co The (Trinidad and Bermudez) 209 Post.....Sutter 1050

DISTRICT OF COLUMBIA

WASHINGTON

Barber Asphalt Paving Co The (Trinidad and Bermudez), Munsey bldg.....Franklin 291

GEORGIA

ATLANTA

Barber Asphalt Paving Co The (Trinidad and Bermudez), Healey bldg.....Ivy 2796

ILLINOIS

CHICAGO

Barber Asphalt Paving Co The (Trinidad and Bermudez), Tribune bldg.....Randolph 3042
Biegler E N Inc, 2730 N Rockwell.....Humboldt 135
Fulton Asphalt Co, Monadnock blk.....Harrison 7114

INDIANA

FORT WAYNE

Barber Asphalt Paving Co The (Trinidad and Bermudez), Lau blk.....Fort Wayne 4232

INDIANAPOLIS

Barber Asphalt Paving Co The (Trinidad and Bermudez), Holliday bldg.....Main 5486

IOWA

DES MOINES

Barber Asphalt Paving Co The (Trinidad and Bermudez), Hubbell bldg.....Walnut 4761

LOUISANA

NEW ORLEANS

Barber Asphalt Paving Co The (Trinidad and Bermudez), City Bank bldg.....Main 603

MASSACHUSETTS

BOSTON

Barber Asphalt Paving Co The (Trinidad and Bermudez), Old South bldg.....Main 5928

MICHIGAN

DETROIT

Barber Asphalt Paving Co The (Trinidad and Bermudez), Vinton bldg.....Cherry 32

MINNESOTA

ST PAUL

Barber Asphalt Paving Co The (Trinidad and Bermudez), Germania Life bldg.....Cedar 5799

MISSOURI

KANSAS CITY

Barber Asphalt Paving Co The (Trinidad and Bermudez), Long bldg.....Main 2579

NEBRASKA

OMAHA

Barber Asphalt Paving Co The (Trinidad and Bermudez), Omaha Natl Bank bldg...Douglas 7611

NEW YORK

ALBANY

Barber Asphalt Paving Co The (Trinidad and Bermudez), 36 State.....Main 5668

BUFFALO

Barber Asphalt Paving Co The (Trinidad and Bermudez), cor E Delevan & Fillmore av.Oxford 273

NEW YORK CITY

Barber Asphalt Paving Co The (Trinidad and Bermudez), Woolworth bldg.....Barclay 6260

OHIO

CLEVELAND

Byerley Sons, 2484 W 4th.....Harvard 1936

COLUMBUS

Barber Asphalt Paving Co The (Trinidad and Bermudez), 8 East Broad..Bell-Main 6556 Ohio State 2305

PENNSYLVANIA

PHILADELPHIA

Barber Asphalt Paving Co The (Trinidad and Bermudez), Land Title bldg.....Spruce 5000

TEXAS

DALLAS

Barber Asphalt Paving Co The (Trinidad and Bermudez), Sumpter bldg.....Main 2259

WISCONSIN

MILWAUKEE

Barber Asphalt Paving Co The (Trinidad and Bermudez), First Natl Bank bldg.....Main 2088

ASPHALT—CRUDE

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market.....Main 735

ASPHALT FILLER MNFRS.

OHIO

YOUNGSTOWN

Bessemer Limestone Co, Stambaugh bldg ..... Bell-Main 4131 Ohio State 4131

ASPHALT FLOORS

ILLINOIS

CHICAGO

Fulton Asphalt Co, Monadnock blk..... Harrison 7114

ASPHALT PLANTS RAILROAD—MANUFACTURERS

OHIO

LIMA

East Iron & Machine Co, 354 East Market.. Main 3782

ASPHALT SHINGLES

ILLINOIS

CHICAGO

Beckman-Dawson Roofing Co, 19 S Lasalle. Central 4479

ASPHALTUM—PITCH, WAXES, ETC.

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, Woolworth bldg ..... Barclay 7924
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ASPHALTUMS AND GLOSS OILS, MAKERS

INDIANA

VALPARAISO

Parker C H Co, Poplar & Locust..... Valparaiso 116

ATHLETIC GOODS—WOOD

MICHIGAN

COLDWATER

Hellenberg J B Co Inc, Clark & Jefferson. Coldwater 92

ATTORNEYS' GUIDE

OHIO

CLEVELAND

American Lawyers Co The, Engineers bldg.. Main 4863

ATTORNEYS AT LAW

ILLINOIS

CHICAGO

Ames Howard, Conway bldg..... Franklin 4620
Maddock & Jaffe, 39 S LaSalle..... Randolph 1048

INDIANA

EVANSVILLE

Buente Henry C (General Practice, Collections & Depositions) Furniture bldg..... Evansville 4204

KANSAS

WICHITA

Noftzger & Gardner Beacon bldg..... Market 407

KENTUCKY

LOUISVILLE

Walsh & Godfrey, 5th & Market ..... Bell-Main 354 Home-City 3048

MINNESOTA

MINNEAPOLIS

Culhane Eugene J, Loeb Arcade ..... Bell-Nicollet 5136 Tri-State 37400

OHIO

CINCINNATI

Hoover F A Mercantile, Library bldg..... Main 1619
Sibbald & Woeste, Union Trust bldg..... Main 2535

SOUTH CAROLINA

COLUMBIA

Barron, McKay, Frierson & Moffatt, Union Natl Bank bldg ..... Columbia 298

ATTORNEYS, BONDED, COLLECTIONS, ALL LEGAL MATTERS

MINNESOTA

ST PAUL

Merrill Adjustment & Legal Bureau, Court blk ..... Bell-Cedar 1042 Tri-State 23791

ATTORNEYS, PATENT

NEW YORK

NEW YORK CITY

Munn & Co, 233 Broadway..... Barclay 8064

ATTORNEYS, PATENT (COPYRIGHTS & TRADE MARKS)

MINNESOTA

MINNEAPOLIS

Paul & Paul, Security bldg..... Bell-Nicollett 1390 Tri State 37579

AUCTIONEERS

CALIFORNIA

SAN FRANCISCO

Curtis Edward, 314 Sutter ..... Sutter 4131

ILLINOIS

CHICAGO

Tauber Michael & Co, 317 S Market..... Harrison 890
See our Catalog Space, page 916
Winternitz Samuel H & Co, 79 W Monroe. Majestic 7356

MASSACHUSETTS

BOSTON

Atwood Newell D, 67 Milk..... Fort Hill 1262
Bird Louis J Co, 7 Bosworth..... Main 2752
Leonard & Co, 46-48 Bromfield..... Main 53932

NEW YORK

NEW YORK CITY

Atwood Newell D, 140 Nassau..... Beekman 2323
VanBrink's Auction Rooms (We buy choice house furnishings and art objects; estates sold on commission; expert appraisals given. Write for Catalog of sale), 2160 Bway..... Schuyler 4960

PENNSYLVANIA

PHILADELPHIA

Barsh M & Co (Wholesale & Commission Merchants) 19 S 4th. Bell-Lombard 1281 Keystone-Main 6075A

AUDITORS

ILLINOIS

CHICAGO

Aitchison R J & Co, 39 S Lasalle ..... Franklin 1013
Bacon Albert T, 208 S Lasalle..... Wabash 6616
Baker, Vawter & Wolf, Tribune bldg... Randolph 3285
Betak T W & Co, Tribune bldg ..... Randolph 2226
Commonwealth Audit Co, First Nat Bank bldg ..... Randolph 4201
Goettsche H C & Co, Chicago Stock Exch bldg ..... Franklin 4344
Grimes J Frank, 30 N Lasalle..... Franklin 1013
Hertz Henry L, 30 N Dearborn..... Randolph 4904
Mitchell J J, 155 N Clark..... Central 1943
Teeter & Niquette, 30 N LaSalle..... Franklin 4344
Thompson Wm W & Co, 30 N Lasalle.... Franklin 1013

INDIANA

INDIANAPOLIS

Baker, Vawter & Wolf, State Life bldg..... Main 3072

IOWA

DES MOINES

Baker, Vawter & Wolf, 505 Mulberry.... Walnut 1020

MICHIGAN

DETROIT

Neff C E & Co (C E Neff, C P A) Majestic bldg ..... Cadillac 5984

MISSOURI

KANSAS CITY

Baker, Vawter & Wolf, Scarritt bldg ..... Main 6300

ST LOUIS

Baker, Vawter & Wolf, Federal Reserve Bank bldg ..... Olive 3227

NEW YORK

NEW YORK CITY

Baker, Vawter & Wolf, 350 Broadway.... Franklin 1871
Kenmore Brandell & Co, 10 Wall..... Rector 928
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OHIO

TOLEDO

Neff C E & Co (C E Neff, C P A) 644 Boalt ..... Broadway 884

OKLAHOMA

MUSKOGEE

Baker, Vawter & Wolf, Security bldg.... Muskogee 868

OKLAHOMA CITY

Baker, Vawter & Wolf, American Nat Bank bldg ..... Walnut 453

WEST VIRGINIA

CHARLESTON

State Public Service Utility Audit & Investigating Co, Kan Natl Bank bldg..... Charleston 1053
See our Catalog Space, page 904

AUGER BITS

NEW HAMPSHIRE

LEBANON

Lebanon Machine Co ..... Lebanon 186-11

AUTOCLAVES & DIGESTORS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts..... Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av... Vanderbilt 1719

AUTOGRAPH LETTERS (BUYERS OF)

MASSACHUSETTS

BOSTON

Colson Warren H, 184 Boylston.....Back Bay 3502

AUTOGRAPH LETTERS OF FAMOUS PEOPLE BOUGHT, SOLD

NEW YORK

NEW YORK CITY

Madigan Patrick F (Manuscripts, Historical Documents—send for Catalog) 361, 5th av .....Murry Hil 6495

AUTOGRAPHIC REGISTERS AND ROLL PRINTED STATIONERY

ALABAMA

BIRMINGHAM

Hamilton Autographic Register Co (C S Milam, Dist Mngr) Chamber of Commerce bldg..Main 1301

CALIFORNIA

LOS ANGELES

United Autographic Register Co, Chamber of Commerce bldg .....Main 2692

COLORADO

DENVER

United Autographic Register Co, Kittredge bldg .....Main 2974

GEORGIA

ATLANTA

Hamilton Autographic Register Co (J G Johnston, Rep) 33 Poplar .....Ivy 3950

ILLINOIS

CHICAGO

United Autographic Register Co, S Western bl and W 43d.....McKinley 4455

INDIANA

INDIANAPOLIS

Hamilton Autographic Register Co (W J Kroegher, Dist Mngr) 4820 E Washington....Irvington 3067

KENTUCKY

LOUISVILLE

Hamilton Autographic Register Co (T R Davis, Dist Mngr), 3123 Bank.....Shawnee 2190

LOUISIANA

NEW ORLEANS

Hamilton Autographic Register Co (O W Brown, Mngr), Canal Bank Annex.....Main 601

MASSACHUSETTS

BOSTON

K & B Register Co (J J Sheehy, Mngr), 15 Federal .....Main 52532

MICHIGAN

DETROIT

United Autographic Register Co, Hammond bldg .....Cherry 1851

GRAND RAPIDS

United Autographic Register Co, Michigan Trust bldg .....Citizens 61-323

MINNESOTA

MINNEAPOLIS

United Autographic Register Co, Metropolitan Life bldg.....Bell-Nicollet 1221 Tri-State 32-837

ST PAUL

United Autographic Register Co, Pioneer bldg .....Bell-Cedar 6218 Tri State 23-041

MISSOURI

KANSAS CITY

United Autographic Register Co, Shukert bldg .....Bell-Grand 1584 Home-Main 1360

ST LOUIS

United Autographic Register Co, Central Natl Bank bldg .....Olive 3202

NEBRASKA

OMAHA

United Autographic Register Co, Woodmen of the World bldg.....Douglas 5852

NEW YORK

NEW YORK CITY

K & B Register Co (Wm Mosher, Mngr) 96, 5th av .....Chelsea 3669

OHIO

CINCINNATI

Hamilton Autographic Register Co (M Saurer jr, Rep) 506 Broadway.....Canal 1310

COLUMBUS

Hamilton Autographic Register Co (Otto Kersteiner, Dist Mngr) 2174 N High..North 3372

HAMILTON

Hamilton Autographic Register Co .....Bell-Hamilton 272-X Home-Hamilton 272-X

K & B Register Co.....Bell-Hamilton 272-R Home-Hamilton 272-A

Krauth & Benninghofen.....Bell-Hamilton 272-R Home-Hamilton 272-A

OREGON

PORTLAND

United Autographic Register Co, Corbett bldg.Main 4433

SOUTH CAROLINA

CHARLESTON

Hamilton Autographic Register Co (P E Devineau, Rep), 93 St Phillip....Charleston 1073-J

WASHINGTON

SEATTLE

United Autographic Register Co, Hoge bldg..Main 3646

WISCONSIN

MILWAUKEE

United Autographic Register Co, Majestic bldg .....Grand 3595

AUTOGRAPHIC REGISTERS AND ROLL PRINTERS

ARIZONA

PHOENIX

Egry Register Co The (Joseph L Pipe, Agt) 37 W Jefferson .....Phoenix 4943

CALIFORNIA

LOS ANGELES

Egry Register Co The (Business Equipment Co) 736 S Spring.....Manuel-Pico 2461 Home 60302

Globe Register Co The (Los Angeles Stationery Co) 848-850 S Hill.....Manual-Main 5497 Home-F 7141

SAN FRANCISCO

Egry Register Co The, (N H Fleming, Sales agt.) 604 Mission.....Sutter 678

Globe Register Co The, (A I Donnell) 268 Market .....Sutter 3393

COLORADO

DENVER

Egry Register Co The (F E Ward, Agt) G & E bldg.....Champa 3988

Globe Register Co The, (W H Kistler Stationery Co The), 1636 Champa.....Main 4200

CONNECTICUT

HARTFORD

Egry Register Co The (S M Wells, Sales Agt), 7 Haynes.....Charter 3310

DISTRICT OF COLUMBIA

WASHINGTON

Globe Register Co The (T Rowley) Jenifer Bldg .....Main 980

FLORIDA

TAMPA

Egry Register Co The, (B L Jordan Sales agt) 1719 Grand Central av.....Tampa 72329

GEORGIA

ATLANTA

Egry Register Co The, (W D Hart, District Sales agt) 61 N Pryor.....Ivy 785

Globe Register Co The, (Rawlins & Morrison) Third Natl Bk bldg.....Ivy 1038

ILLINOIS

CHICAGO

Egry Register Co The, (M A Summey, Sales agt), Fisher bldg, 343 S Dearborn..Harrison 2659

Globe Register Co The, (D F Kilgore & Geo J Sullivan) Lumber Exchange bldg.Central 4637

United Autographic Register Co, 556-8 W Jackson bl .....Franklin 638

PEORIA

Globe Register Co The, (Roy Defenbaugh) Lehmann bldg .....Main 8499

INDIANA

EVANSVILLE

Egry Register Co The (Lawrence D Aschoff, Agt) Intermediate bldg .....Evansville 1269-J

INDIANAPOLIS

Egry Register Co The (W L Egry Sales Agt) Pembroke Arcade....Bell-Main 1376 Automatic 21-705

Globe Register Co The (E E Droom), Newton Claypool bldg.....Main 5259

SOUTH BEND

Egry Register Co The (Geo D Armstrong, Agt) 218 N Michigan .....

IOWA

DES MOINES

Egry Register Co The, (R L Sherman, Sales agt) 607 Sixth av.....Walnut 5528

SIOUX CITY

Egry Register Co The (E M Sales Agt) .....Bell-Sioux City 209 Automatic 4073

KENTUCKY

LOUISVILLE

Egry Register Co The, (M H Houston, Sales Agt) 117-19 N Fourth.....Home-City 2457

LOUISIANA

NEW ORLEANS

Globe Register Co The (Geo E Courtin Jr) 407 Poydras.....Main 2902

MARYLAND

BALTIMORE

Egry Register Co The (H L Betts, Sales Agt), Equitable bldg.....St Paul 4236

MASSACHUSETTS

BOSTON

Egry Register Co The (Thos C McGeown & James E Geary, District Sales agts.) 136 Federal .....Fort Hill 1350

Globe Register Co The, (R M Simonds) 19 Pearl .....Main 2321

MICHIGAN

DETROIT

Egry Register Co The, (R R Hart, Sales Agt), Smith bldg.....Main 2704

Globe Register Co The (Gregory-Mayer & Thom) 19 Cadillac sq.....Main 5246

GRAND RAPIDS

Egry Register Co The, (H H Hubbard, Sales Agt), Murray bldg.....Main 5134

MINNESOTA

DULUTH

Egry Register Co The, (E W Lund, Sales Agt), Lonsdale bldg.....Bell-Melrose 707 Zenith-Grand 833

MINNEAPOLIS

Egry Register Co The, (R P Schuld, Sales Agt) 248 First av North.....Nicollet 1165
Globe Register Co The, (J J Bergman) Security bldg.....Bell-Main 1037 Tri-State 33761

ST PAUL

Globe Register Co The (Edw C Popp) Pioneer bldg.....Bell-Cedar 5568 Tri-State 24188

MISSOURI

KANSAS CITY

Egry Register Co The, (I O Hubbell, Sales Agt), Commerce Trust bldg.....Main 4586

ST LOUIS

Egry Register Co The (R J Blauner, Agt) 208 N Fourth.....Bell-Olive 1785 Kinloch-Central 1210
Globe Register Co The (Walter S Burns) Railway Exchange bldg.....Olive 4595

MONTANA

LEWISTOWN

Egry Register Co The (R H Atkinson, Mgr) Montana bldg.....Lewistown 184

NEBRASKA

OMAHA

Globe Register Co The (L D Ladd) Bee bldg.....Douglas 4126

NEW JERSEY

NEWARK

Egry Register Co The, (H Gardner, Sales Agt) 224 Market.....Market 9486

NEW YORK

ALBANY

Egry Register Co The, (E A Catchpole, Sales Agt) 636 Broadway.....Main 388

BUFFALO

Egry Register Co The, (J F Huber, Sales Agt) 128 Fargo av.....Tupper 2057-M

NEW YORK CITY

Egry Register Co The, (P J Schulman, Sales Agt) Woolworth bldg.....Barclay 6564
Globe Register Co The, (C H Youngman) 156, 5th av.....Chelsea 9644

ROCHESTER

Egry Register Co The, (James & Co) 47 North Clinton av.....Bell-Main 2448 Rochester-Stone 4212

OHIO

CINCINNATI

Egry Register Co The, (N H Sturm, Agt) Wiggin blk.....Main 1257
Globe Register Co The, 2412-2420 Reading rd Avon 5200

CLEVELAND

Egry Register Co The, (James Josephi, Sales Agt), Leader News bldg, ...Bell-Main 2690 Ohio State-Central 2695
Globe Register Co The, (C Emery Oliver) Euclid Arcade.....Bell-Main 5714 Ohio State-Central 1346

DAYTON

Egry Register Co The, E Monument av.....Bell-Main 355 Ohio State 2355

TOLEDO

Egry Register Co The, (L E Anderson, Sales Agt), 34 N St Clair. Ohio State-Main 6507

OKLAHOMA

OKLAHOMA CITY

Egry Register Co The, (O W Van Nostrand, Agt), Terminal Hotel.....Walnut 7515

OREGON

PORTLAND

Egry Register Co The, (W W Musgrave, Sales Agt) Abington bldg.....Marshall 4138
Globe Register Co The, (Roy S Searle) 246 Stark.....Main 5819

PENNSYLVANIA

LANCASTER

Egry Register Co The, (F W Shee, Sales Agt) 446 S Ann.....Lancaster 2335-J

PHILADELPHIA

Egry Register Co The, (L W Marks, District Sales Agt) Central Trust bldg....Market 1006
Globe Register Co The, (Geo W Baker), Land Title bldg.....Bell-Locust 2313 Keystone-Race 177

PITTSBURGH

Egry Register Co The, (G H Matthews, Sales Agt) Bessemer bldg.....Court 891
Globe Register Co The, (Homer Klap) 1201-1205 Penn av.....Bell-Grant 1712 P & A-Main 1712

RHODE ISLAND

PROVIDENCE

Egry Register Co The, (Harry E Van Zylstra, Sales Agt) 8 Steeple...Bell-Union 2037 Home-Union 5780-R

TENNESSEE

MEMPHIS

Globe Register Co The, (H D Staub) Randolph bldg.....Main 3033

NASHVILLE

Egry Register Co The, (W H Warren, Sales Agt) 307 Fourth av North.....Main 1136

TEXAS

DALLAS

Globe Register Co The, (Geo K Wassell), Sumpter bldg.....Main 3936

EL PASO

Globe Register Co The, (Max Mayer) 1006 N Oregon.....El Paso 3778

SAN ANTONIO

Egry Register Co The (F J Finck, Agt) 310½ W Commerce.....Crockett 1640

UTAH

SALT LAKE CITY

Globe Register Co The, (Voget & McGee) Boston bldg.....Wasatch 1975

VIRGINIA

RICHMOND

Egry Register Co The (Virginia Stationery Co Inc. Reps), 913 E Main.....Madison 7455

WASHINGTON

SEATTLE

Egry Register Co The, (B I Schwartz, Sales Agt) Central bldg.....Main 912
Globe Register Co The, (Jos T Carew) L C Smith bldg.....Elliott 1567

SPOKANE

Egry Register Co The (L E Hinnenkamp, District Sales Agt) Empire State bldg.....Main 6739

WALLA WALLA

Egry Register Co The (W P Williams, Agt) Drumheller bldg.....Walla Walla 895

WISCONSIN

APPLETON

Egry Register Co The, (E W Shannon, Sales Agt) 687-91 College av.....Appleton 86

MILWAUKEE

Egry Register Co The, (Gordon H Lorch, Sales Agt) Caswell blk.....Grand 3293

AUTOMATIC EXTENSION REEL FOR ELECTRIC LAMPS

OHIO

CINCINNATI

Cincinnati Specialty Mfg Co, cor Powers and Sylvan.....Park 350

AUTOMATIC MACHINERY

ILLINOIS

CHICAGO

King R D, Monadnock blk.....Wabash 4897
Kux Albert S, 127 N Dearborn.....Randolph 5693

AUTOMATIC MUSICAL INSTRUMENTS, MNFRS.

ILLINOIS

CHICAGO

Gabel's Entertainer Co (Gabel's Entertainer), 210 N Ann.....Monroe 5398

AUTOMATIC RELIEF VALVES

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

AUTOMATIC SIGNAL CALLING SYSTEMS

NEW YORK

NEW YORK CITY

American Watchman's Clock Co, 150 Nassau.....Beekman 4659

AUTOMATIC SPRINKLER SYSTEMS

ILLINOIS

CHICAGO

Aetna Fire Sprinkler Co, 9 S Clinton....Franklin 4720

AUTOMATIC SPRINKLERS CHEMICAL

NEW YORK

NEW YORK CITY

Fire Fighting Devices Co, (Non-Freezing, Non-Destroying), 70, 5th av.....Chelsea 7070

AUTOMOBILE ACCESSORIES

ILLINOIS

CHICAGO

Stewart-Warner Speedometer Corp, 1826 Diversey blvd.....Lake View 6000
Vesta Accumulator Co, 2100 Indiana av. Calumet 4530

INDIANA

INDIANAPOLIS

Varney Electrical Supply Co The, 121-3 S Meridian.....Main 3420

MINNESOTA

DULUTH

Duluth Auto Supply Co, 118 E Superior.....Bell-Melrose 2780 Zenith-Grand 621

NEW JERSEY

NEWARK

Alcemo Mfg Co (Kor-Ker Puncture Cure) 12 Bridge.....Mulberry 3393

NEW YORK

NEW YORK CITY

Answer Spark Plug Co, 511-A West 42nd..Bryant 5630
Curtis & Von Bernuth Mfg Co, 88 West Broadway.....Barclay 7110
See our Catalog Space, page 916

OHIO

SPRINGFIELD

Central Brass & Fixture Co The, Cor Jefferson & Ziegler.....Bell-Main 441 Ohio State 1112-A

AUTOMOBILE ACCESSORIES (EXPORT)

NEW YORK

NEW YORK CITY

Kern Commercial Company, 114 Liberty.Rector 4713
Saitta Charles A, 8 Bridge.....Broad 2014

AUTOMOBILE ACCESSORIES, (EXPORT AND JOBBING)

CALIFORNIA

SAN FRANCISCO

Chanslor & Lyon Co, 1238 Van Ness av..Prospect 929

WASHINGTON

SEATTLE

Chanslor & Lyon Co, 916 E Pike.....East 755

AUTOMOBILE ACCESSORIES, (JOBBERS & DISTRIBUTORS)

TEXAS

WICHITA FALLS

Western Auto Supply Co, 718 Indiana av .....Wichita Falls 219

AUTOMOBILE ACCESSORIES (MANUFACTURERS)

CALIFORNIA

LOS ANGELES

Walden-Worcester Inc (C N & F W Jonas), Equitable Savings Bank....Manual-Broadway 7859
bldg .....Automatic A 3592

SAN FRANCISCO

Metal Specialties Mfg Co, (Bailey-Drake Co Agts) 149 New Montgomery.....Kearny 2935
Walden-Worcester Inc (C N & F W Jonas) 111 New Montgomery.....Kearny 5237

GEORGIA

ATLANTA

Walden-Worcester Inc (J E Colley) Healey bldg .....Ivy 6117

ILLINOIS

CHICAGO

Industrial Products Co 334 N Irving av.....West 3528
Metal Specialties Mfg Co, 338-352 N Kedzie av .....Garfield 440
Walden-Worcester Inc (C N & F W Jonas) Transportation bldg .....Wabash 8429

MASSACHUSETTS

BOSTON

Walden-Worcester Inc (Ray Cavanaugh) 833 Boylston .....Back Bay 3165

WORCESTER

Walden-Worcester Inc, 72 Commercial.....Park 1159

MINESOTA

MINNEAPOLIS

Perfection Rim Tool Mfg Co Inc, 455 Temple Court .....Nicollet 6207
See our Catalog Space, page 916

NEW YORK

NEW YORK CITY

Metal Specialties Mfg Co, (B M Asch & Co Agts) 16-24 W 61st.....Colmbus 33
Walden-Worcester Inc (J H Faw Inc) 41 Warren .....Barclay 5057

PENNSYLVANIA

PHILADELPHIA

Goodrich-Lenhart Mfg Co The (Automobile Ignition Locks and Steering Column Locks with Yale Security. Thermostic Carburetor Regulators, Brake Shoes, Ignition Harness, Cut-outs.) Widener bldg .....Walnut 2727

WASHINGTON

SEATTLE

Walden-Worcester Inc (C N & F W Jonas) Pioneer bldg .....Elliott 766

AUTOMOBILE ACCESSORIES (MFRS. AND SELLING AGENTS)

ILLINOIS

CHICAGO

Angsten Koch Co (Hand Horns, Tail Lamps and Switches, Pumps, Rim Tools, Piston Rings, Manifolds) 4062-68 Princeton av .....Yards 18

AUTOMOBILE ACCESSORIES—(WHOLESALE)

INDIANA

INDIANAPOLIS

Hoyt S H Company, 222 E Ohio.....Main 6095

LOUISIANA

NEW ORLEANS

Electric Appliance Co, 408-14 Canal.....Main 1751

AUTOMOBILE ACCESSORIES FOR FORD CARS—MFRS.

INDIANA

ANDERSON

Ideal Manufacturing Co, 1525 Main....Anderson 119

AUTOMOBILE ACCESSORIES, MAGNETOS & IGNITION SUPLS

MISSOURI

ST LOUIS

Ford Magneto Co, 2611 Locust.....Bomont 65

AUTOMOBILE ACCESS. MUFFLERS, CUTOUTS WHEEL PULLERS

IOWA

MARSHALLTOWN

Cooper Manufacturing Co (Formerly C & E Mfg Co) .....Marshalltown 418

AUTOMOBILE ACCESSORIES—STORAGE BATTERIES

ILLINOIS

MOLINE

Victor Storage Battery Co, 7th st and 4th av .....Moline 1520

AUTOMOBILE AIR STARTERS, FOR FORDS AND TRUCKS

ILLINOIS

CHICAGO

Air Device Company, 2975-77 Cottage Grove av .....Douglas 48

AUTOMOBILE, BALL JOINTS SPARK & THROTTLE CONTROL

ILLINOIS

CHICAGO

Mechanical & Electrical Mfg Co, 2227 Prairie av .....Calumet 2328

AUTOMOBILE BATTERIES

ILLINOIS

CHICAGO

Vesta Accumulator Co, 2100 Indiana av...Calumet 4530

AUTOMOBILE BODIES

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

QUINCY

Koenig & Lubrs Wagon Co, 322 S 6th av..Main 404

MICHIGAN

SAGINAW

Saginaw Auto Body Co, 2061 Genesee av.Saginaw 3964

NEW YORK

ALBANY

Kingsbury-Leahy Co, 131-133 Hudson av..Main 1519

NEW YORK CITY

Brooks-Ostruk Co Inc, 224 W 57th.....Circle 4075
Lohse Henry, 111-113 Kent av, Bklyn.Greenpoint 1360
See our Catalog Space, page 916

UTICA

Willoughby Company, Turner & Dwyer.....Utica 579

PENNSYLVANIA

PHILADELPHIA

Fulton-Walker Company Inc, 20th & Filbert .....Locust 376

AUTOMOBILE BODIES (BUS) MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

AUTOMOBILE BODIES—COMMERCIAL

PENNSYLVANIA

MIFFLINBURG

Mifflinburg Body Co The .....Mifflinburg 41-J-3

AUTOMOBILE BODIES—HEAVY TRUCK

MICHIGAN

NORTHVILLE

Globe Furniture Co Ltd, 50 Park pl...Northville 93

AUTOMOBILE BODIES (PLEASURE)

NEW YORK

NEW YORK CITY

Holbrook Co The, 166 West End av....Colmbus 148
Wood Fredk R & Son, 205-7-9 W 19th....Chelsea 3020

AUTOMOBILE BODIES—STEEL (PLEASURE)

OHIO

SALEM

Mullins W H Company The, Depot Bell-Salem 800
.....Ohio State 355

AUTOMOBILE BODIES—STEEL DUMP

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

AUTOMOBILE BODIES AND TRAILERS

COLORADO

DENVER

Woeber Car & Mfg Co, 1346 Eleventh.....Main 941

AUTOMOBILE BODIES WOOD DUMP

PENNSYLVANIA

CONNEAUTVILLE

Graves L C Co.....Conneautville 1481
See our Catalog Space, page 918

AUTOMOBILE BODY & FENDER SHEETS

OHIO

MANSFIELD

Mansfield Sheet & Tin Plate Co The Bell-Main 520
.....Mansfield 1845

AUTOMOBILE BODY POLISH

MICHIGAN

LUDINGTON

Hallett H M Co, 801 Ludington av....Ludington 98

AUTOMOBILE BOXING

NEW YORK

NEW YORK CITY

N Y Crating & Forwarding Co, 521-3 W 37th .....Greeley 4617
See our Catalog Space, page 986

AUTOMOBILE BOXING FOR EXPORT

NEW YORK

NEW YORK CITY

Griffin Henry C & Co Inc, 143-145 Varick..Spring 4257

AUTOMOBILE BRAKE LINING

PENNSYLVANIA

PITTSBURGH

Axwell Equipment Co 208 Wood.....Court 53

AUTOMOBILE BRASS FOR RADIATORS

CONNECTICUT

WATERBURY

Connecticut Brass & Mfg Corp.....Waterbury 3960

AUTOMOBILE BRUSHES

NEW YORK

NEW YORK CITY

Corliss Carbon Co, 114 Liberty.....Rector 6772

AUTOMOBILE BLDRS, PLEASURE CARS & MOTOR TRUCKS

ILLINOIS

DECATUR

Comet Automobile Co, 156 S Water Dept D...M 6160

AUTOMOBILE BUMPERS—TIRE CARRIERS—STEERING WHEELS

WISCONSIN

MILWAUKEE

American Metal Parts Co, 1916 St Paul av..West 289

AUTOMOBILE CHAINS (TRUCK AND PLEASURE CARS)

ILLINOIS

CHICAGO

Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914

AUTOMOBILE CLOTHING

NEW YORK

PORT CHESTER

Automobile Apparel Co, Bush av.....Prt Chestr 906

AUTOMOBILE CLUTCH DISCS

PENNSYLVANIA

PITTSBURGH

Pittsburg Saw & Manufacturing Co, 32d and Smallman .....Grant 2212

AUTOMOBILE CRANES, PORTABLE TRAVELING & TRANSFER

OHIO

RAVENNA

Byers John F Machine Co, 283 Sycamore.Ravenna 261

AUTOMOBILE CUT-OUTS

PENNSYLVANIA

PHILADELPHIA

The Goodrich Lenhart Mfg Co (Scientifically designed Cut-Outs in all sizes, shuts off all exhaust, recommended for accurate testing and loud barks) Widener bldg.....Walnut 2727

AUTOMOBILE CYLINDER GRINDERS (INTERNAL)

IOWA

DAVENPORT

Schmidt B L Co, 417 W 4th.....Davenport 440

AUTOMOBILE DESIGNERS, MECHANICAL ENGINEERS

ILLINOIS

CHICAGO

Kux Albert S, 127 N Dearborn.....Randolph 5693

AUTOMOBILE ELECTRIC LIGHTING EQUIPMENT

OHIO

DAYTON

Dayton Electrical Mfg Co, The, 4th st U B bldg.....Main 1931

AUTOMOBILE ELECTRIC LIGHTING & IGNITION

NEW YORK

NEW YORK CITY

L K Auto Ignition Sales Co, 1779 Broadway .....Columbus 8922

AUTOMOBILE ELECTRIC LIGHTING SPECIALTIES

ILLINOIS

CHICAGO

Aid Manufacturing Co Inc, 2625 to 2631 Stewart av .....Calumet 2642

AUTOMOBILE ELECTRICAL EQUIP INSTALLED & REPAIRED

ILLINOIS

CHICAGO

Illinois Starter & Magneto Co, 2237 Cottage Grove av.....Calumet 3868
Jones Arthur Electric Co, 2837 S State..Calumet 7430

AUTOMOBILE ENGINE DRAIN COCKS & GASOLINE COCKS

MICHIGAN

DETROIT

Lincoln Brass Works, 291, 12th.....Glendale 1886

AUTOMOBILE ENGINES

WISCONSIN

MILWAUKEE

Wisconsin Motor Mfg Co, 44th av & Burnham, Sta A .....W Allis 337

AUTOMOBILE FENDERS

MICHIGAN

DETROIT

Parish Mfg Co, 1666 Mt Elliot av.....Ridge 90

PENNSYLVANIA

READING

Parish Mfg Co, 7th and Chestnut.....Reading 2790

AUTO FENDERS—STEEL FOR PLEASURE CARS & TRUCKS

OHIO

SALEM

Mullins W H Company The, Depot .....Bell-Salem 800 Ohio State 355

AUTOMOBILE FLAG DIMMERS MFRS—FREE CATALOGUE

ILLINOIS

CHICAGO

Parrish S H & Co, 202 S Clark.....Harrison 2932

AUTOMOBILE GARAGES, AJAX TIRES, PAIGE CARS

CONNECTICUT

NORWICH

Thames Square Garage, Thames Square..Norwich 654

AUTOMOBILE GEAR CUTTING & WELDING

ILLINOIS

CHICAGO

Pondelick Bros, 215-219 S Leavitt.....West 1986

AUTOMOBILE GEARS FOR SELF STARTERS

ILLINOIS

CHICAGO

Adapt Machinery Co The, 1624-1632 S Wabash av .....Calumet 946

AUTOMOBILE GLASS WORK, WINDSHIELD HEADLIGHT GAUGE

MICHIGAN

DETROIT

Jarratt D R & Co, 21 Warren av West....Grand 2289

AUTOMOBILE HARDWARE

MICHIGAN

DETROIT

Smith Jos N & Co, 2461-2491 E Grand bl.North 6814

AUTOMOBILE HARDWARE (CARRIAGE)

OHIO

CINCINNATI

Enterprise Brass & Plating Co The, 6th and Baymiller .....West 3818

AUTOMOBILE HARDWARE AND LIMOUSINE HARDWARE

CONNECTICUT

NEW HAVEN

Cowles C & Co, Chestnut and Water.....Liberty 166

ILLINOIS

CHICAGO

Hoof Bros Co, 232 W Randolph.....Franklin 4748

AUTOMOBILE HARDWARE AND LIMOUSINE HDWRE. INTERIOR

NEW YORK

BUFFALO

Art Work Shop The, 445 Ellicott.....Seneca 4207
See our Catalog Space, page 910

NEW YORK CITY

Art Work Shop The, 2 Columbus Circle.Columbus 4138
See our Catalog Space, page 910

AUTO HEADLIGHT GLASSES, ALSO DIMMERS (WHOLESALE)

OHIO

DAYTON

Dayton Art Glass Works, 400 E First.....Main 1778

AUTOMOBILE HEADLIGHT LENS (NATURAL VISION LENS)

IOWA

DUBUQUE

Dubuque Glass Co, Jones and Levee.....Dubuque 1440

AUTOMOBILE HEATERS & COAL FOR HEATERS

ILLINOIS

CHICAGO

Chicago Flexible Shaft Co, 5600 W 12th..Austin 1900

NEW YORK

NEW YORK CITY

Lehman Bros, 10 Bond.....Spring 8028

AUTOMOBILE IGNITION & LIGHTING SWITCHES

OHIO

MARIETTA

Caskey-Dupree Mfg Co The.....Marietta 1123

AUTOMOBILE JACKS

ILLINOIS

CHICAGO

Templeton, Kenly & Co Ltd (Simplex Jacks) 1020 S Central av.....Austin 694

AUTOMOBILE LAMP REPAIRING

ILLINOIS

CHICAGO

Illinois Carriage Lamp Co The, 224 W Illinois .....Superior 816

AUTOMOBILE LAMPS

ILLINOIS

CHICAGO

Vesta Accumulator Co, 2100 Indiana av..Calumet 4530

NEW YORK

NEW YORK CITY

American Auto Lamp Co (We specialize on Electric Truck Lamps) 20 Desbrosses..Canal 9199

AUTOMOBILE LAMPS, HOODS, GAS TANKS & BODIES

MICHIGAN

DETROIT

American Auto Radiator & Fender Repair Co The, ...North 888

AUTOMOBILE LAMPS, PARTS, GLASS, ELECTRIC FITTINGS

NEW YORK

NEW YORK CITY

Alpha Lamp, Glass & Brass Co, 79 Chambers .....Worth 3199

AUTOMOBILE LEATHER PARTS

INDIANA

INDIANAPOLIS

Taylor Belting Co, 247 S Meridian .....Main 412 Automatic 21-412

MICHIGAN

DETROIT

Detroit Leather Works, 141-143 Lafayette bl E.....Main 3035

AUTOMOBILE LEATHERS

ILLINOIS

CHICAGO

Hoof Bros Co, 232 W Randolph.....Franklin 4748

OHIO

ASHTABULA

Ashtabula Hide & Leather Co The, 3-4 Main.Main 1014

AUTOMOBILE LENSES, CONVEX PRISMO DIMMERS, MFRS.

INDIANA

HARTFORD CITY

Johnston Glass Co The, W WashingtonHartford City 32

AUTOMOBILE LEVER CONTROL-ANTI-SKID CHAINS

NEW YORK

NEW YORK CITY

Hill Insulating & Mfg Corp, 511-J West 42nd .....Bryant 5630

AUTOMOBILE LICENSE NUMBER PLATES

MICHIGAN

DETROIT

Wolverine Stamping Co, 1666 Russell .....North 2737

MISSOURI

ST LOUIS

Grimm Stamp & Badge Co, 1311 Carr Lane av ..... Grand 2117

AUTOMOBILE LIGHTING EQUIPMENT

ILLINOIS

CHICAGO

Vesta Accumulator Co, 2100 Indiana av.. Calumet 4530

AUTOMOBILE LISTS, DAILY CALIFORNIA CARS REGISTERED

CALIFORNIA

SACRAMENTO

Circular Letter Co (Mrs L J Reese, Mgr) Capital National Bank bldg..... Main 3705

AUTOMOBILE LOCK MNFRS. FOR FORD CARS

ILLINOIS

CHICAGO

Security Auto Lock Co, 410 N Paulina.... Monroe 1686

AUTOMOBILE LOCKS

MICHIGAN

DETROIT

Defender Auto Lock Co, Free Press bldg... Cherry 252

PENNSYLVANIA

PHILADELPHIA

The Goodrich Lenhart Mfg Co (Goodrich Ignition Lock for Fords, Goodrich Steering Column Lock for all cars, Yale secured; means absolute protection) Widener bldg:..... Walnut 2727

PITTSBURGH

United Motor Accessories Corp, Fulton bldg. Grant 389

AUTOMOBILE LUBRICATION (SPRINGS)

ILLINOIS

CHICAGO

Grus Leaf Spring Oiler Co, 625 W Jackson bl ..... Haymarket 5914

AUTOMOBILE MAGNETOS AND COILS REPAIRED

WISCONSIN

MILWAUKEE

Wiese Electrical Appliance Co, 3217 Lisbon av ..... Kilbourn 965

AUTOMOBILE MANIFOLDS

ILLINOIS

CHICAGO

Whittier Co, 2332 S Michigan av..... Calumet 7456

AUTOMOBILE MATERIALS AND ACCESSORIES (OBSOLETE)

NEW YORK

NEW YORK CITY

Klotz-Baumann Co Inc, 1876 Broadway. Columbus 1952

AUTOMOBILE MECHANICS TOOLS

MISSOURI

LOUISIANA

Buffum Tool Co, 4th & Tennessee..... Louisiana 255
See our Catalog Space, page 1018

AUTOMOBILE METAL CHANGEABLE LETTER SIGNS

NEW YORK

NEW YORK CITY

Clark W D Co The, 115 Nassau..... Cortland 3577

AUTOMOBILE METAL MOULDING MFRS.

ILLINOIS

CHICAGO

Auto Moulding and Mfg Co, 1926-1928 S Wabash av ..... Calumet 2585

AUTOMOBILE MOTORS

ILLINOIS

CHICAGO

Rutenber Motor Co, Otis bldg..... Franklin 3313

INDIANA

MARION

Rutenber Motor Co, E Eighth..... Marion 88

AUTOMOBILE MOULDINGS LEAD FILLED FINISHING MOULDINGS

NEW YORK

NEW YORK CITY

Shearing & Davis Mfg Co, 407 East 70th ..... Rhinelander 4288
See our Catalog Space, page 917

AUTOMOBILE NAME PLATES, BRASS ETCHED

ILLINOIS

CHICAGO

Etching Co of Am, 2526 W Congress..... West 3070

AUTOMOBILE OILS

ALABAMA

BIRMINGHAM

Indian Refining Co (Havoline Oil) 3202 Avenue E So ..... Main 1147
See our Catalog Space, page 917

CALIFORNIA

LOS ANGELES

Indian Refining Co, (Havoline Oil) 425 N Alameda ..... Main 4346
See our Catalog Space, page 917

SAN FRANCISCO

Indian Refining Co, (Havoline Oil) 112 Market ..... Sutter 3286
See our Catalog Space, page 917

GEORGIA

ROME

Indian Refining Co, (Havoline Oil) E 9th & Maple ..... Rome 320
See our Catalog Space, page 917

ILLINOIS

CHICAGO

Indian Refining Co (Havoline Oil) Bell-Harrison 7550
122 S Michigan av..... Automatic 61217
See our Catalog Space, page 917

INDIANA

EVANSVILLE

Indian Refining Co, (Havoline Oil) Indiana and Governor ..... Evansville 3322
See our Catalog Space, page 917

INDIANAPOLIS

Indian Refining Co (Havoline Oil) Bell-Irvington 506
3516 E New York ..... Automatic 61-417
See our Catalog Space, page 917

KENTUCKY

LEXINGTON

Indian Refining Co, (Havoline Oil) 1008 W High ..... Lexington 1096
See our Catalog Space, page 917

LOUISVILLE

Indian Refining Co (Havoline Oil), Bell-South 226
1400 S 12th ..... Home-City 1178
See our Catalog Space, page 917

LOUISIANA

NEW ORLEANS

Indian Refining Co, (Havoline Oil) Howard av and Prieur..... Main 1322
See our Catalog Space, page 917

MICHIGAN

DETROIT

Indian Refining Co, (Havoline Oil) Hammond bldg ..... Cherry 2583
See our Catalog Space, page 917

MINNESOTA

ST PAUL

Indian Refining Co (Havoline Oil) Bell-Cedar 5266
Hackney bldg ..... Tri State 24766
See our Catalog Space, page 917

MISSOURI

KANSAS CITY

Indian Refining Co (Havoline Oil) Bell-Grand 1801
19th and Campbell..... Home-Main 6504
See our Catalog Space, page 917

NEW YORK

BUFFALO

Indian Refining Co (Havoline Oil) Bell-Howard 2359
Person and West Shore R R..... Federal 53004
See our Catalog Space, page 917

NEW YORK CITY

Indian Refining Co, (Havoline Oil) 44 Whitehall ..... Bowling Green 8900
See our Catalog Space, page 917

NORTH CAROLINA

GREENSBORO

Indian Refining Co, (Havoline Oil) E Washington and Dean..... Greensboro 345
See our Catalog Space, page 917

OHIO

DAYTON

Indian Refining Co (Havoline Oil) Bell-Main 4122
cor Antioch and Dakota..... Ohio State 6427
See our Catalog Space, page 917

OREGON

PORTLAND

Indian Refining Co (Havoline Oil) 271 East Water ..... East 362
See our Catalog Space, page 917

PENNSYLVANIA

PHILADELPHIA

Indian Refining Co, (Havoline Oil) 210 N 23 ..... Market 2545
See our Catalog Space, page 917

AUTOMOBILE OILS—CONT'D.

SOUTH CAROLINA

COLUMBIA

Indian Refining Co, (Havoline Oil) Lincoln and Blanding .....Columbia 2690
See our Catalog Space, page 917

TENNESSEE

KNOXVILLE

Indian Refining Co (Havoline Oil), 800 Oak ..... Peoples 837, Bell-Knoxville 323
See our Catalog Space, page 917

MEMPHIS

Indian Refining Co (Havoline Oil), 1115 Southern av ..... Bell-Hemlock 1352, Memphis 1352
See our Catalog Space, page 917

NASHVILLE

Indian Refining Co, (Havoline Oil) 11th and Hamilton .....Main 1415
See our Catalog Space, page 917

WEST VIRGINIA

HUNTINGTON

Indian Refining Co, (Havoline Oil) 20th st and 1st av.....Huntington 1237
See our Catalog Space, page 917

WISCONSIN

MILWAUKEE

Indian Refining Co, (Havoline Oil) 64-68 Reed .....Main 2201
See our Catalog Space, page 917

AUTOMOBILE OILS & GREASES

MICHIGAN

DETROIT

American Janitor Supply Co, 313-315 Jefferson av E.....Main 1582

AUTOMOBILE PAINTERS SUPPLIES

NEW YORK

NEW YORK CITY

Wolf's S Sons, 753, 9th av.....Columbus 222

AUTOMOBILE PAINTING AND REPAIRING

WISCONSIN

MILWAUKEE

Sherin W R Co, 551 to 563 Edison.....Main 3518

AUTOMOBILE PANEL STOCK

NEW JERSEY

TRENTON

Agasote Millboard Co The.....Trenton 3830

AUTOMOBILE PARTS

MICHIGAN

DETROIT

Motor Products Corporation, Mack av & Belt Line R R.....Hickory 720
Murphy Brothers, 75-85 Baltimore av W....North 6414

AUTOMOBILE PARTS ALL MAKE MACHINES, NEW & USED TIRES

INDIANA

INDIANAPOLIS

Hoosier Auto Parts Co, 142 W Vermont....Main 4052

AUTOMOBILE PARTS DUPLICATE

ILLINOIS

CHICAGO

Adapt Machinery Co The, 1624-1632 S Wabash av .....Calumet 946

NEW YORK

NEW YORK CITY

Ball Gear & Machinery Co Inc, 56 Greenpoint av Bklyn .....Greenpoint 91

AUTOMOBILE PARTS, NEW & SECOND HAND

INDIANA

INDIANAPOLIS

Indiana Auto Parts Co, 446 Meridian.....Main 5013

KANSAS

WICHITA

Wichita Auto Wrecking Co, 809 W Douglas.Market 1042

AUTOMOBILE PARTS & POPULAR MAKE TIRES

INDIANA

INDIANAPOLIS

Indianapolis Auto Parts Co (At less than regular prices), 720-722 South Meridian Bell-Prospect 6677 .....Automatic 22-019

AUTOMOBILE PARTS, PRESSED METAL

MICHIGAN

LANSING

Gier Pressed Steel Co The.....Lansing 2400

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

AUTOMOBILE PARTS, SECOND HAND

KENTUCKY

LOUISVILLE

Republic Vulcanizing & Welding Co Inc, 901 W Jefferson.....Bell-Main 1234-Y, Home-City 5207

AUTOMOBILE PARTS, SHEET METAL

OHIO

CINCINNATI

Murray Auto Parts Co The, 711 Carr.....West 3028

AUTOMOBILE PARTS & SPECIALTIES

ILLINOIS

STREATOR

Galm & McCormick Co, 802 E Main....Streator 101

AUTOMOBILE PARTS, STAMPING

MICHIGAN

DETROIT

Parish Mfg Co, 1666 Mt Elliot av.....Ridge 90

PENNSYLVANIA

READING

Parish Mfg Co, 7th and Chestnut.....Reading 2790

AUTOMOBILE PARTS—TRUCKS

OHIO

CLEVELAND

Monmouth Machine Co The, 2355 Lakeside av NE .....Prospect 2921

AUTOMOBILE PATCHES—COLD, SELF VULCANIZING

NEW YORK

NEW YORK CITY

Spencer W E Co, 1 Park pl.....Barclay 4696

AUTOMOBILE PISTONS (ALUMINUM)

ILLINOIS

MOLINE

Western Pattern & Mfg Co 428, 3d av...Moline 709

AUTOMOBILE POLISH

FLORIDA

TAMPA

United Chemical Co The, 1403 Flanklin Tampa 3151

AUTOMOBILE PRESSED STEEL FRAMES

MICHIGAN

DETROIT

Detroit Pressed Steel Co, 1800 Mt Elliott av.Ridge 4100
Parish Mfg Co, 1666 Elliot av.....Ridge 90

PENNSYLVANIA

READING

Parish Mfg Co, 7th and Chestnut.....Reading 2790

AUTOMOBILE PROTECTION & SERVICE

MICHIGAN

DETROIT

Automobile Owners Service Bureau, Penobscot bldg .....Cadillac 1984

AUTOMOBILE RADIATOR COMPOUND

ILLINOIS

CHICAGO HEIGHTS

Economy Scale Remover Co, 1608 Otto bl .....Chicago Heights 186
See our Catalog Space, page 924

AUTOMOBILE RADIATOR, LAMP & FENDER REPAIRS

MICHIGAN

DETROIT

John R Radiator Co, (The), 171 John R ..... Cadillac 6717-W

AUTOMOBILE RADIATOR MFRS.

ILLINOIS

CHICAGO

Hooven Radiator Co, 417 S Dearborn.... Harrison 8505

AUTOMOBILE RADIATOR REPAIRS

KENTUCKY

LOUISVILLE

Auto Radiator Repair Co, 125-127 W Green ..... Home-City 7799
Kentucky Auto Radiator Repair Co, 409 South First..... Home-City 3944

MICHIGAN

DETROIT

Buffalo Auto Radiator & Fender Repair Co, 23 Maple ..... Cherry 5788
See our Catalog Space, page 1000
Detroit Radiator & Lamp Co, 188 Gr River av ..... Cherry 1288

MINNESOTA

DULUTH

Pioneer Auto Radiator Co 309½ E Superior ..... Bell-Melrose 1942 Zenith-Grand 1093

AUTOMOBILE RADIATORS

KENTUCKY

LOUISVILLE

Auto Radiator Repair Co, 125 W Green. Home-City 7799

MICHIGAN

DETROIT

National Can Company, E Grand blvd at Dequindre ..... North 3300

MINNESOTA

DULUTH

Pioneer Auto Radiator Co, 309½ E Superior ..... Bell-Melrose 1942 Zenith-Grand 1093

MINNEAPOLIS

Todd Manufacturing Co, 12-14 N 12th st ..... Bell-Nicollet 4945 Tri State 35061

WISCONSIN

MILWAUKEE

Detroit Auto Radiator Co, 182, 5th..... Grand 269

AUTOMOBILE RADIATORS, BLDG. & REPAIRING ALL MAKES

INDIANA

INDIANAPOLIS

Pope Radiator Co, 805 E Washington.. Prospect 436

AUTOMOBILE RADIATORS, FENDERS, LAMPS & BODIES

MICHIGAN

DETROIT

General Radiator & Fender Repair Co 99 Winder ..... Cherry 4569-J

AUTOMOBILE RADIATORS, HOODS, TANKS, FENDERS

NEW YORK

NEW YORK CITY

Kells W J Mfg Co, 521-525 W 45th..... Bryant 4396

OHIO

TOLEDO

Ohio Auto Radiator & Sheet Metal Works, 116 N Eric..... Ohio State-Main 7448

AUTO RADIATORS, HOODS, TANKS, FENDERS, MFRS & RPRS.

ILLINOIS

CHICAGO

Wabash Auto Radiator Mfg Co Inc, 1117-19 S Wabash av..... Harrison 4126

AUTOMOBILE RADIATORS, HOODS, TANKS MNFRS. & REPRS

ILLINOIS

CHICAGO

Belden Auto Sheet Metal Works The, 2446 Lincoln av..... Diversey 1773

AUTOMOBILE RADIATORS MANUFACTURED & REPAIRED

OHIO

TOLEDO

Lober Art Brass & Specialty Co, 128, 11th ..... Ohio State 3915

AUTOMOBILE REPAIRERS

CONNECTICUT

STAMFORD

Rippowam Garage, Mill River & Smith.. Stamford 2681

ILLINOIS

CHICAGO

Christopher Motor Car Co, 3308-20 Sheffield av ..... Lake View 95

NEW YORK

YONKERS

Chadburn Samuel, 226 S Broadway..... Yonkers 2308

AUTOMOBILE REPAIRS AND BUILDING

MISSOURI

KANSAS CITY

Hesse Carriage Co, 311 to 317 East 17th ..... Bell-Grand 3719 Home-Main 3719

AUTOMOBILE ROBES

NEW YORK

NEW YORK CITY

Curtis & Von Bernuth Mfg Co, 88 W Broadway ..... Barclay 7110
See our Catalog Space, page 916
New York Lap Robe Co, 28-32 W 3d..... Spring 4420
Stroock S & Co (Manufacturers of the famous "Stroock MOTOROBES") 11 E 26th..... Mad Sq 8256

AUTOMOBILE SALVAGE, NEW & SECOND HAND AUTO PARTS

MISSOURI

ST LOUIS

Maxwell Bros Auto Salvage Co, 3931 Olive ..... Bell-Lindell 2340 Kinloch-Delmar 1020

AUTOMOBILE SCHOOLS

NEW YORK

NEW YORK CITY

Strobridge Automobile School, 1989 Bway. Columbus 750

AUTOMOBILE SCHOOLS AND TRACTOR SCHOOLS

MISSOURI

KANSAS CITY

Rahe's Auto & Tractor School 22d and Oak ..... Bell-Grand 1580 Home-Main 5104

AUTOMOBILE SHEET METAL PARTS

NEW YORK

BINGHAMTON

Hotckiss Lock Metal Form Co, 16 Jarvis ..... Binghamton 1430

AUTOMOBILE SHEET METAL WORK

INDIANA

RICHMOND

Johnson W N Auto Sheet Metal Works, 620 South J ..... Richmond 1395

AUTOMOBILE SPARK PLUG, INSULATION AND CORES

NEW YORK

NEW YORK CITY

Hill Insulating & Mfg Corp, 511-C W 42d.. Bryant 5630

AUTOMOBILE SPARK PLUGS

NEW YORK

NEW YORK CITY

Hill Insulating & Mfg Corp, 511-B W 42d.. Bryant 5630

AUTOMOBILE SPECIALTIES

CALIFORNIA

SAN FRANCISCO

Carboncide Mfg Co of Cal (Perfect Carbon Remover Send for Information) 700 Polk .... Prospect 5651

PENNSYLVANIA

PITTSBURGH

Desmond B G Mfg Co (Miracle Oil Carbon Eliminator) 914 East av..... Cedar 2428

AUTOMOBILE SPECIALTIES—MNFRS.

ILLINOIS

CHICAGO

Star Specialty Mfg Co, 227 W Erie.... Superior 1632

AUTOMOBILE SPRING LUBRICATORS & COVERS

OHIO

CLEVELAND

Jeavons Spring Lubricator & Cover Works, 1603 Prospect av S E.....Prospect 1872

AUTOMOBILE SPRING OILERS

ILLINOIS

CHICAGO

Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914

AUTOMOBILE SPRINGS

NEW YORK

NEW YORK CITY

New York Wire & Spring Co, 586-588 Washington .....Spring 8496

PENNSYLVANIA

PITTSBURGH

American Spiral Spring & Mfg Co, 56th & Butler .....Fisk 627

AUTOMOBILE SPRINGS FOR FORD CARS

ILLINOIS

CHICAGO

Duplex Cantilever Spring Co, 180 N Dearborn .....Central 2364

AUTOMOBILE STEEL CUSTOM BODY MFRS.

PENNSYLVANIA

READING

Keystone Vehicle Co, 3d & Lebanon Valley R R .....Reading 1840

AUTOMOBILE STEERING WHEELS

MICHIGAN

DETROIT

Nevelle Steering Wheel & Mfg Co, 139 Beaubien .....Cadillac 4308

AUTOMOBILE STEP HANGERS

MICHIGAN

DETROIT

Parish Mfg Co, 1666 Mt Elliott av.....Ridge 90

PENNSYLVANIA

READING

Parish Mfg Co, 7th & Chestnut.....Reading 2790

AUTOMOBILE STORAGE

ILLINOIS

CHICAGO

Mahin Shipping & Storage Warehouse 2201-19 Ford av .....Canal 7171

AUTOMOBILE STRAPS

MISSOURI

ST LOUIS

Ulbricht J C Mfg Co, 307 S Second...Bell-Olive 3631
.....Kinloch-Central 5619-R

AUTOMOBILE SUPPLIES

DISTRICT OF COLUMBIA

WASHINGTON

National Electrical Supply Co, 1328 New York av.....Main 6800

ILLINOIS

CHICAGO

Twitchell Gauge Co The, 1516 S Wabash av .....Calumet 5730

KENTUCKY

LOUISVILLE

Hodapp & Miller, 119 South 7th Bell-Main 1004-A
.....Home-City 1482

NEW YORK

NEW YORK CITY

Harvard Accessories Co (Ford Parts-Standard Accessories), 1790 Broadway.....Columbus 5931

OHIO

CINCINNATI

Remelin Co The, 430 Main.....Main 27

AUTOMOBILE TEXTILE PRODUCTS AND COCOA MATS

ILLINOIS

CHICAGO

Angsten-Koch Co (Fan Belts, Cushions, Radiator Covers, Tool Rolls, Draft Shields, etc., Cocoa Mats) 4062-68 Princeton av.....Yards 18

AUTOMOBILE TIRE ACCESSORIES & FABRIC PATCHES

ILLINOIS

CHICAGO

Alwas Hold Tire Patch Co, Stony Island av & 69th pl.....Midway 9537

AUTOMOBILE TIRE ACCESSORIES, MANUFACTURERS

MISSOURI

KANSAS CITY

Stephens A J Rubber Co, 1322 Bell-East 703
Chestnut .....Home-East 703

AUTOMOBILE TIRE CARRIERS

NEW YORK

NEW YORK CITY

Smith & Gregorg (Patent Tire Carriers Without Straps, for Demountable Rims and Wire Wheels, Mnfrs of Combination Auto Trunk Tire Carriers), 113 W 51st.....Circle 2057

AUTOMOBILE TIRE CARRIERS FOR FORD, SAXON, CHEVROLET

INDIANA

LA FAYETTE

Bucrum Mnfg Co, cor 3d & North.....Automatic 409

AUTOMOBILE TIRE FILLER

MINNESOTA

MINNEAPOLIS

Dahl Punctureless Filler & Rim Co, 1426 Hennepin av.....Bell-Nicollet 3434
.....Tri State 38430

AUTOMOBILE TIRE MANUFACTURERS

OHIO

SEBRING

Sebring Tire & Rubber Co, Bell-Sebring 20
.....Ohio State 107

AUTOMOBILE TIRE MANUFACTURERS ACCESSORIES

OHIO

CLEVELAND

Diamond Stamping Works Co The, 1944-46 East 55th.....Rosedale 4830

AUTOMOBILE TIRE REPAIR EQUIPMENT

OHIO

AKRON

Williams Foundry & Machine Co The, 62-66 Cherry .....Bell-Main 1279
.....Ohio State 1559

AUTOMOBILE TIRES

OHIO

CINCINNATI

Burgamy Tire Co The, nw cor 8th & Main..Canal 2229

AUTOMOBILE TIRES & ACCESSORIES

ILLINOIS

CHICAGO

Boulevard Tire & Supply Stores Inc, 104 S Michigan av .....Central 7927

INDIANA

SOUTH BEND

Boulevard Tire & Supply Stores Inc, 110 W Wayne .....Main 2275

MICHIGAN

DETROIT

Boulevard Tire & Supply Stores Inc, 1381 Jefferson av E.....Edgewood 602

OHIO

CINCINNATI

A B C Auto Tire & Supply Co The, 810 Race.Canal 1364

AUTOMOBILE TIRES—ALL KINDS—FIRSTS & SECONDS

ILLINOIS

CHICAGO

Carlsten-Williams Co, 2111-2117 S Michigan av .....Calumet 5840

AUTOMOBILE TIRES AND REPAIRS

KENTUCKY

LOUISVILLE

American Auto Repair & Supply Co, 2131 West Bway ..... Shawnee 1161

AUTOMOBILE TIRES—TRUCK (SOLID RUBBER)

ILLINOIS

CHICAGO

Chicago Tire Co, 2111 S Wabash av.... Calumet 3106

AUTOMOBILE TIRES, TUBES & ACCESSORIES MANUFACTURERS

INDIANA

LA FAYETTE

Lion Tire & Rubber Corp The, East Union, Box 262 ..... Bell-Lafayette 185 Automatic 437

AUTOMOBILE TOILET CASES & FLOWER HOLDERS

NEW YORK

BUFFALO

Art Work Shop The, 445 Ellicott ..... Seneca 4207
See our Catalog Space, page 910

NEW YORK CITY

Art Work Shop The, 2 Columbus Circle.. Columbus 4138
See our Catalog Space, page 910

AUTOMOBILE TOOL KITS

MISSOURI

LOUISIANA

Buffum Tool Co, 4th & Tennessee..... Louisiana 255
See our Catalog Space, page 1018

AUTOMOBILE TOP FABRICS

NEW YORK

NEW YORK CITY

O'Bannon Corporation, 200, 5th av.... Gramercy 5241

AUTOMOBILE TOP & SEAT COVERS (RADIATOR HOODS)

MINNESOTA

MINNEAPOLIS

Minneapolis Auto Top & Seat Cover Company, 812-14 S Fourth..... Bell-Main 7270 Tri State 31406

AUTOMOBILE TOP AND UPHOLSTERERS MATERIALS

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg ..... Wilmington 1720

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank Bldg ..... Cadillac 5708

NEW YORK

NEW YORK CITY

Du Pont Fabrikoid Company, Equitable bldg 120 Bway ..... Rector 5720

AUTOMOBILE TOPS

MICHIGAN

DETROIT

Main Auto Trimming Mfg Co, 313 Riopelle Cherry 3516
Mobile Top Co, 16 Atwater..... Cherry 4046

AUTOMOBILE TOPS (WINTER) ALL GLASS FOR FORDS

ILLINOIS

BELLEVILLE

Heinzelman Bros Carriage Co, Belleville Belleville 25

AUTOMOBILE TOPS & CUSHIONS

ILLINOIS

CHICAGO

American Auto Top Co, 1451-53 W Washington bl ..... Monroe 6473

AUTOMOBILE TOPS, SEAT COVERS AND TRIMMINGS

SOUTH CAROLINA

COLUMBIA

Glenn Paul H, 1208 Laurel ..... Columbia 659-J

AUTOMOBILE TOPS & TRIMMERS SUPPLIES

MINNESOTA

DULUTH

Northern Auto Trimmers Supply Co, 309 E Superior..... Bell-Melrose 352 Zenith-Grand 252

AUTOMOBILE TOURING CHAINS

ILLINOIS

CHICAGO

Grus Leaf Spring Oiler Co, 625 W Jackson bl ..... Haymarket 5914

AUTOMOBILE TRIMMINGS

ILLINOIS

CHICAGO

Hoof Bros Co, 232 W Randolph..... Franklin 4748

MICHIGAN

DETROIT

Main Auto Trimming Mfg Co, 315 Riopelle Cherry 3516

NEW YORK

NEW YORK CITY

Wiese Wm & Co Inc, 234 W 56th..... Circle 2371

AUTOMOBILE TRIMMINGS AND VEHICLE TRIMMINGS

INDIANA

FT WAYNE

Mossman-Yarnelle & Co, Pearl & Maiden La ..... Ft Wayne 115

AUTOMOBILE TRUCK ATTACHMENTS

INDIANA

EVANSVILLE

Graham Brothers Inc, Citizens Bank bldg ..... Evansville 3118

AUTOMOBILE TRUCK BODIES, LUMBER ROLL OFF MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted..... Monroe 797

AUTOMOBILE TRUCK BODIES, REMOVABLE, MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted..... Monroe 797

AUTOMOBILE TRUCK BODIES, STEEL CONSTRUCTION

ILLINOIS

CHICAGO

Archer Iron Works, Western av & 34th pl. Yards 212
Auto Truck Steel Body Co, 3028-46 Carroll av ..... Garfield 1518

AUTOMOBILE TRUCK MANUFACTURERS

NEW YORK

BUFFALO

Atterbury Motor Car Co, (Manufacturers of worm drive auto trucks) Elmwood and Hertel av ..... North 5202

AUTOMOBILE TRUCKS

KENTUCKY

LOUISVILLE

Hodapp & Miller, 119 South 7th ..... Bell-Main 1004-A Home-City 1482

AUTOMOBILE TRUCKS, TRACTORS AND SUPPLIES

MINNESOTA

MINNEAPOLIS

American Auto Sales Co, Tribune Annex bldg ..... Main 1281

AUTOMOBILE TUBES & ACCESSORIES

PENNSYLVANIA

ERIE

Keystone Rubber Mfg Co, 141 E 11th.... Erie 1160-R

AUTOMOBILE TUBING

ILLINOIS

CHICAGO

Dallas A C & Son Inc, 223 N Jefferson. Franklin 5320

AUTOMOBILE UPHOLSTERING

NEW YORK

NEW YORK CITY

Dusenbury Louis & Co Inc, 229, 4th av..Stuyvsnt 7498

AUTOMOBILE UPHOLSTERING BATTS

WISCONSIN

MILWAUKEE

Seeboth Albert G Co, 230 Mineral.....Hanover 532

AUTOMOBILE WHEELS

NEW YORK

BUFFALO

Houk Manufacturing Co, 1700 Elmwood av.North 4380

AUTOMOBILE WHEELS—COMPLETE WOODWORK HUBS, RIMS

MICHIGAN

LANSING

Prudden Wheel Co Bell-Lansing 1084
.....Citizens 2415

AUTOMOBILE WHEELS—PRESSED STEEL

MICHIGAN

DETROIT

Detroit Pressed Steel Co, 1800 Mt Elliott av .....Ridge 4100

AUTOMOBILE WHEELS, RIMS—ALL MAKES

ILLINOIS

CHICAGO

Chicago Wheel & Rim Co, 2010-2012 S Wabash av .....Calumet 6470

AUTOMOBILE WHEELS—WIRE

OHIO

DAYTON

Dayton Wire Wheel Co The, Miami Chapel rd & Big Four R R.....Main 255

AUTOMOBILE WHEELS, WIRE & STEEL

INDIANA

FRANKFORT

Stewart Wire Wheel Corp The, West Barner.Main 588

AUTOMOBILE WHEELS-WOOD & WIRE

INDIANA

ANDERSON

Hayes Wheel Co.....Main 66

MICHIGAN

ALBION

Hayes Wheel Co .....Albion 84

JACKSON

Hayes Wheel Co, Horton st.....Jackson 145

AUTOMOBILE WIND SHIELD GLASSES (WHOLESALE)

OHIO

DAYTON

Dayton Art Glass Works (Write for Price list to-day), 400 East First.....Main 1778

AUTOMOBILE WIND SHIELDS

MICHIGAN

DETROIT

Ainsworth Mfg Company, Dubois and Franklin .....Edgewood 589

AUTOMOBILE WRECKING

OHIO

COLUMBUS

Topper Bros, 260 Kimball .....Bell-Main 7728
.....Ohio State 6376

AUTOMOBILE WRENCHES

CALIFORNIA

LOS ANGELES

Walden-Worcester Inc (C N & F W Jonas) Equitable Savings Bank Manual-Broadway 7859
bldg .....Automatic A-3592

SAN FRANCISCO

Walden-Worcester Inc (C N & F W Jonas) 111 New Montgomery.....Kearny 5237

GEORGIA

ATLANTA

Walden-Worcester Inc (J E Colley) Healey bldg .....Ivy 6117

ILLINOIS

CHICAGO

Walden-Worcester Inc (C N & F W Jonas) Transportation bldg .....Wabash 8429

MASSACHUSETTS

BOSTON

Walden-Worcester Inc (Ray Cavanaugh) 833 Boylston .....Back Bay 3165

WORCESTER

Walden-Worcester Inc, 72 Commercial.....Park 1159

NEW YORK

NEW YORK CITY

Walden-Worcester Inc (J H Faw Inc) 41 Warren .....Barclay 5057

WASHINGTON

SEATTLE

Walden-Worcester Inc (C N & F W Jonas, Pioneer bldg .....Elliott 766

AUTOMOBILES—AUTOMOBILE PARTS—NEW & SECOND HAND

OHIO

TOLEDO

Toledo Auto Parts Co, 1310-1812 Cherry .....Ohio State-Main 3078

AUTOMOBILES, MANUFACTURERS

CONNECTICUT

NORWALK

Reynolds Motor Car Co The, Connecticut & West avs .....Norwalk 1120

ILLINOIS

CHICAGO

Elgin Motor Car Corporation, 2427 S Michigan av .....Calumet 6420

MOLINE

Velie Motors Corporation, 25 Velie pl.....Moline 1161

INDIANA

CONNERSVILLE

Lexington Motor Co.....Connersville 80

INDIANAPOLIS

Premier Motor Corporation, 20th & Olney.Woodruff 500

MASSACHUSETTS

BOSTON

Jewel Tractor & Truck Co The, 121 Dedham.Beach 4275
See our Catalog Space, page 951

MICHIGAN

FLINT

Dort Motor Car Co.....Flint 984

KALAMAZOO

Barley Motor Car Co, Kalamazoo....Kalamazoo 3770-7

NEW YORK

NEW YORK CITY

Chandler Motor Car Co, 1790 Broadway.Columbus 756

OHIO

CANTON

Holmes Automobile Co The, Winfield Way N E.....Bell-Main 4120
.....Ohio State 2375

CLEVELAND

Chandler Motor Car Co, E 131st & St Clair..Eddy 5980
Templar Motors Corporation, Guardian bldg.Main 2930

PENNSYLVANIA

READING

Daniels Motor Car Co, 3d & Lebanon Valley R R.....Reading 3280

WISCONSIN

RACINE

Case J I, T M Co, State & Douglas.....Racine 103
See our Catalog Space, page 918

AUTOMOBILES, MNFRS, TRUCKS AND PLEASURE

OHIO

PAINESVILLE

Erie Motor Co, The, Richmond and B&O RR.Main 120-W

AUTOMOBILES, RENTERS

NEW YORK

NEW YORK CITY

Plaza Motor Renting Co, 1926 Bway...Colmbus 9810
West's Packard Car Rental Co Inc, 12 W 60th .....Columbus 7300

AUTOMOBILES, SIGHT SEEING

MICHIGAN

DETROIT

Dietsche Sight Seeing Co 81-83 Woodward av.Main 1029

AUTOMOBILES, USED

MASSACHUSETTS

BOSTON

Hub City Motors Co, 18 Columbus av....Beach 937

AUXILIARY DECK MACHINERY

OHIO

BUCYRUS

American Clay Machinery Co The, Walnut & Warren .....Bucyrus 399

PENNSYLVANIA

PHILADELPHIA

American Clay Machinery Co The (Headquarters, Bucyrus, Ohio), Liberty bldg.....Filbert 5366

AWNING HARDWARE

ILLINOIS

ROCKFORD

Rockford Metal Specialty Co, 720 S Main...Main 1066

AWNING SPRING ROLLERS, GALVANIZED IRON

NEW YORK

NEW YORK CITY

Standard Spring Roller Co, 119 E 129th..Harlem 4546

AWNING STRIPES AND COTTON DUCK

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane.....Worth 4770

AWNINGS

GEORGIA

ATLANTA

Atlanta Tent & Awning Co,.....East Point 483

ILLINOIS

CHICAGO

Chicago Awning Co, 416 Milwaukee av...Monroe 1923
Walger Awning Co, 215-219 W Ohio....Superior 1090
Walger Wm & Sons Company, 1441-43 Montrose av .....Wellington 374

MARYLAND

BALTIMORE

Walger Awning Co (B W Burch, Agt), 123 E Fayette .....St. Paul 3015

MASSACHUSETTS

BOSTON

American Awning & Tent Co, 236 State.Richmond 1575
Blanchard William Co, 168 State.....Richmond 217
Hoyt George T Co, 52 South Market...Richmond 1615
Nickerson L, 173 State.....Richmond 986
Crundy & Co, 165 Milk.....Main 2242
Walger Awning Co (E A Baker, Agt), 17 Pearl .....Fort Hill 3933

MINNESOTA

MINNEAPOLIS

Holgaard C J Co, 30 Washington Bell-Nicollet 2320
av N .....Tri State 31883

NEW YORK

NEW YORK CITY

McHugh Mfg Co The, 242 W 41st.....Bryant 2693
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017
Walger Awning Co (J E Orr, Agt) Marbridge bldg .....Greeley 3256

PENNSYLVANIA

PHILADELPHIA

Walger Awning Co (A E Snowman, Agt), Filbert 46-27
Real Est Trust bldg.....Race 1059

TEXAS

DALLAS

Dallas Tent & Awning Co, 2620 Bell-Main 300
Main .....Automatic-Main 3008

AWNINGS AND CANVAS SPECIALTIES

ILLINOIS

CHICAGO

Smith Bros, 731-733 N Wells.....Superior 576

AWNINGS AND TENTS

KANSAS

KANSAS CITY

Wyandotte Awning & Tent Co (Kapka Bell-West 210
Receding), 6th and Nebraska....Home-West 210

MASSACHUSETTS

BOSTON

Dearborn H F, 110 Portland.....Haymarket 287

NEW JERSEY

ELIZABETH

Laggren Bros Co 1178-80 East Grand..Elizabeth 873

OHIO

CINCINNATI

Queen City Awning & Tent Co, 222 E 6th.Canal 437
Ryling John & Son, 216 E 8th.....Canal 455

AWNINGS, TENTS AND CANOPIES

CONNECTICUT

NEW HAVEN

Cunningham J & Son Inc, 51 Elm.....Liberty 788

AWNINGS, TENTS AND COVERS

TENNESSEE

NASHVILLE

Hough Carter Tent & Awning Co, 434 Deaderick .....Main 1690

AWNINGS TENTS & TARPAULINS

OHIO

CINCINNATI

Scherz John Sons, 1006-10 Freeman av.....West 296

AXLE MNFRS.

ILLINOIS

CHICAGO HEIGHTS

Wood Smith & Co.....Chgo Hgts 28

AXLE MNFRS. (AUTOMOBILE)

ILLINOIS

CHICAGO

Adler Mfg Co, 2407-11 W Ohio.....Seeley 703

MICHIGAN

DETROIT

Russel Motor Axle Co, North Detroit.....Ridge 2640
Shuler Axle Mfg Co Military av and Wabash R R.....Cedar 2820

AXLES, MOTOR CAR

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg..Main 6933

AXLES, VEHICLE

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg..Main 6933

BABBITT

NEW YORK

NEW YORK CITY

Central Smelting & Refining Co, 137th and Rider av .....Melrose 4185
Syracuse Smelting Works, 837 Manhattan av Bklyn .....Greenpoint 3474

BABBITT AND ANTI-FRICTION METALS

MISSOURI

ST LOUIS

Hiertz Theo Metal Co, 8009 Alaska Bell-Riverside 134
av .....Kinloch-Laclede 17
Hoyt Metal Co, Boatmen's Bank bldg.....Main 5150

BABBITT METALS

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce...Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

Allen L D Metal Works, 14 E Jackson bl..Harrison 1147
Barnhart Brothers & Spindler, Throop and Monroe .....Haymarket 5400
Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615
Murphy Metals Co 114-116 W Vanburen..Harrison 964
Staplin & Smith, 420 Orleans.....Main 2244
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MARYLAND

BALTIMORE

Union Smelting & Refining Co Inc, se cor Howard & Ostend.....South 1230
See our Catalog Space, page 1008

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway.....Richmond 357

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1018
United Smelting & Aluminum Co (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles and Av L.....Market 828
See our Catalog Space, page 1018

NEW YORK

NEW YORK CITY

Union Smelting & Refining Co Inc, 604-608 E 19th.....Gramercy 6699
See our Catalog Space, page 1018
United Smelting & Aluminum Co (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

BABBITT METALS—CONTINUED

PENNSYLVANIA

PITTSBURGH

Elmore Walter D, (The Babbitt Metal Man) Bessemer bldg .....Court 891
United Smelting & Aluminum Co (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

BABBITT METALS (ANTI-FRICTION)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co (Mfrs U S A Virgin Metals) 183-189 Commerce....Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

Lissberger Marks & Son Inc, 281 Borden av L I C.....Hunters Pt 1497
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
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BABBITT METALS—COPPER—HARDENED

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
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BABBITT METALS (NICKEL) FOR HIGH SPEED MOTORS

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce st..Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E...Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

BABBITT METALS, SOLDERS, WHITE METAL ALLOYS

MICHIGAN

DETROIT

Jacobson I M & Sons Co, 70-72 Catherine.Cherry 4574

BABBITT METALS AND SOLDER

PENNSYLVANIA

PHILADELPHIA

Philadelphia Smelting & Refining Works, 2433 N 2d.....Bell-Kensington 1065 Keystone-Park 81

BABBITT—ROLLING MILL

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

BABBITT SPECIAL FOR AUTOMOBILES & HIGH PRESSURE

NEBRASKA

OMAHA

Western Smelting & Refining Co, 7th & Douglas .....Douglas 3424

BABY CABS, FOLDING

INDIANA

LA PORTE

Outing Kumfy-Kab Co .....LaPorte 39

BABY CARRIAGE HARDWARE & WHEELS FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Lewis Geo F Estate of, 83 Murray.....Barclay 6556

BABY CARRIAGE MNFRS, WHOLESALE AND RETAIL

NEW YORK

NEW YORK CITY

Behr Henry Baby Carriage Mfg Co, 3084 Fulton, Bklyn .....Cypress 2568

BABY CARRIAGES

INDIANA

LA PORTE

Outing Kumfy-Kab Co .....La Porte 39

BABY CARRIAGES & ALL NOVELTIES FOR CHILDREN

NEW YORK

NEW YORK CITY

Linicks Baby Carriage Emporium, 4193 Bway .....St Nicholas 3103

BABY CARRIAGES, FOLDING

INDIANA

ELKHART

Sidway Mercantile Co, Elkhart.....Elkhart 437

BABY CARRIAGES, REED AND WOOD

INDIANA

ELKHART

Sidway Mercantile Co, Elkhart.....Elkhart 437

BACK PRESSURE VALVES

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

BACK-BANDS, HORSE

GEORGIA

ATLANTA

Couch Brothers Mfg Co .....East Point 483

BACKING FLUID FOR ELECTROTYPERS

NEW YORK

NEW YORK CITY

Callahan Geo & Co, 218 Front.....Beekman 3893

BADGES

ILLINOIS

CHICAGO

Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

NEW YORK

NEW YORK CITY

Eagle Regalia Co, 115 Nassau.....Cortland 5096
Moos Henry & Co, 87 A Beaver.....Broad 5011 Ex 3

PENNSYLVANIA

PHILADELPHIA

Philadelphia Badge Co (For large corporations, Employees Badges, in Metal, Celluloid and Photographic, also Photographic Identification Systems) 942 Market .....Filbert 3976

WISCONSIN

MILWAUKEE

Schwaab Stamp & Seal Co The, East Water and Michigan .....Main 662

BADGES, BANNERS, BUTTONS, FLAGS AND EMBLEM PINS

MINNESOTA

ST PAUL

Western Badge & Novelty Co, 337 Wabasha .....Bell-Cedar 1294 Tri State 24942

BADGES, BANNERS, BUTTONS, ETC. (CAMPAIGN, CONVENTION)

TENNESSEE

CHATTANOOGA

Chattanooga Button & Badge Mfg Co, 730-732 Georgia av .....Main 4205

BADGES, BANNERS, FLAGS & BUTTON MAKERS

ILLINOIS

CHICAGO

Gleason T C & Co, 173 W Madison.....Main 60

BADGES, BANNERS AND FLAGS

ILLINOIS

CHICAGO

Lauterer Geo Co, 222 W Madison.....Main 4728

BADGES AND BRASS CHECKS

NEW YORK

NEW YORK CITY

Bishop Thomas H, 126 William.....Beekman 672
Everson & Reed Co, 88 Chambers.....Barclay 8098

BADGES AND BUTTONS

ILLINOIS

CHICAGO

American Badge Co, 141-143 W Austin av.Franklin 330
Lynch J L, 325 W Madison.....Franklin 2234

MISSOURI

KANSAS CITY

Huntzinger Advertising & Mfg Co, 2615 Walnut .....Bell-Grand 3740 Home-Main 5613

BADGES (CONVENTION) BUTTONS, FOBS, NOVELTIES, ETC.

MINNESOTA

MINNEAPOLIS

Collins Advertising Service (American Emblem Co Inc) 342 Lumber Exchange .....Bell-Nicollet 5407

BADGES AND FLAGS

PENNSYLVANIA

PITTSBURGH

Erickson Co The, 226 Diamond .....Bell-Court 4492 P & A-Forbes 3782

BADGES AND GENERAL EMBOSSING

OHIO

CINCINNATI

Helwig Wm & Co, 6th and College.....Canal 4102

BADGES, MEDALS AND PINS

NEW YORK

NEW YORK CITY

Artistic Badge & Medal Co, 1 Beekman..Cortland 6218

BADGES, METAL, MNFRS.

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bowery .....Bell-Main 4951 Ohio State 2583

BADGES, METAL, OFFICIAL & EMPLOYEES

PENNSYLVANIA

PITTSBURGH

Pannier Bros Stamp Co, 207-209 Sandusky .....Bell-Cedar 5185 P & A-North 152

BADGES, METAL OR RIBBON

NEW YORK

NEW YORK CITY

Dunn Jewelry Co, 151 Church.....Barclay 6802
Kraus I, 134 Clinton.....Orchard 1728

BADGES OF EVERY DESCRIPTION

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d .....Gramrcy 5361
Brooklyn Office, 419 Fulton.....Main 764

BADGES OF EVERY DESCRIPTION RUBBER STAMPS, SEALS, ETC.

CALIFORNIA

OAKLAND

Jones Ed & Co, 906 Bway .....Oakland 2090

BADGES, RIBBON—GOLD AND SILVER STAMPING

MASSACHUSETTS

BOSTON

Cammall Badge Co, 339 Washington.....Main 4421

BADGES, RIBBON, METAL, CELLULOID

ILLINOIS

CHICAGO

Geraghty & Company, 3035-37 W Lake....Kedzie 401

BAG (PAPER) MAKING MACHINERY

NEW YORK

NEW YORK CITY

Potdevin Machine Co 253, 36th Bklyn.....Sunset 5181

BAGGAGE CHECKS

ILLINOIS

CHICAGO

Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

BAGGAGE CHECKS, MNFRS.

ILLINOIS

CHICAGO

International Tag Co, 652 W Lake....Haymarket 675

BAGGING—COTTON, PATCHES & TIES—NEW & SECOND HAND

TENNESSEE

NASHVILLE

Werthan Bag Co, 417-419-421, 22d av, North .....Main 1613

BAGGING AND TIES

TEXAS

HOUSTON

Graves M M Co Inc, Houston Land & Trust Co bldg .....Preston 815

BAGS (MANUFACTURERS)

ILLINOIS

CHICAGO

Feitel Dan W Bag Co Ltd, (Largest exclusive second hand Bag Dealers in the United States) 26 S Desplaines .....Monroe 5975
Milwaukee Bag Co, 226 South LaSalle...Wabash 4256

LOUISIANA

NEW ORLEANS

Feitel Dan W Bag Co Ltd (Largest exclusive second hand Bag Dealers in the United States), Claiborne & Erato .....Jackson 762
Louisiana Bag Corp, 918-924 Girod.....Main 1231

BAGS (MANUFACTURERS) — CONTINUED

MASSACHUSETTS

CHELSEA

Zaff M, 95 Second.....Chelsea 13

MINNESOTA

MINNEAPOLIS

Milwaukee Bag Co (N J Kessler) 2728 Humboldt av S.....Kenwood 3066
Northern Bag Company, 101 S Third av.....Bell-Nicollet 6014 Tri State 33674

MISSOURI

KANSAS CITY

Milwaukee Bag Co, Postal bldg.....Main 1016

NEW YORK

NEW YORK CITY

Acme Burlap Bag Co, 89 Waterbury st,Bklyn.Stagg 2700
See our Catalog Space, page 919
Bell Bag Co Inc, 63 Front.....Hanover 682
See our Catalog Space, page 919
International Bag Co, 116 Broad...Bowling Green 9575

OHIO

TOLEDO

Milwaukee Bag Co, Nicholas bldg.....Main 57

WISCONSIN

MILWAUKEE

Milwaukee Bag Co, 206-20 South Water..Hanover 3022

BAGS (MANUFACTURERS ALL KINDS)

NEW YORK

BUFFALO

Buffalo Bag Co, 175 Rano.....North 5261

OHIO

CLEVELAND

Union Paper & Twine Co, St Clair av N W..Main 6360

BAGS (NEW AND USED)

ILLINOIS

CHICAGO

Jerome Trading Co, 1351 S State.....Calumet 1152

MARYLAND

BALTIMORE

Bell Bag Co Inc, 1812 Thames.....Wolfe 2100
See our Catalog Space, page 919

WASHINGTON

SEATTLE

Ogami Sack Co, 6th av S.....Main 1888

BAGS (SECOND HAND)

MISSOURI

ST LOUIS

Knickerbocker Bag Co Inc, 812-814-816 Bell-Olive 2264
No 10th.....Kinloch-Central 2690

NEW YORK

BUFFALO

Erie Bag & Burlap Co, 20 Grey....Bell-Howard 1525-W
.....Federal 38-877
Iroquois Bag Co, 161 Howard Bell-Howard 434
.....Federal 23-570

NEW YORK CITY

Knickerbocker Bag Co Inc, 7 9 Front..Bowl Grn 8874

BAGS AND BAGGING

NEW YORK

NEW YORK CITY

Bell Bag Co Inc, 61 Front.....Hanover 682
See our Catalog Space, page 919
Brewer Bag Co, 78 Pearl.....Broad 1235
Farmers Bag & Burlap Co Inc, 11 Gold.....John 716
Halsted E S & Co, 64 Pearl.....Broad 3467
Kent Percy Co, 33 Pearl.....Broad 1827
Moran John, 213 Franklin.....Franklin 1222

PENNSYLVANIA

PHILADELPHIA

Robinson Chas T, 107-109 Walnut Bell-Lombard 2260
..... Keystone-Main 2808

BAGS, BAGGING, BURLAPS, ETC. FOR ALL PURPOSES

CONNECTICUT

HARTFORD

Connecticut Burlap Bag Co 64-66 Pleasant.Charter 8462

BAGS, BAGGING, SEWED BURLAP AND BURLAP STRIPS

CONNECTICUT

HARTFORD

Eastern Burlap Bag Co The, 95 Commerce.Charter 9974

NEW YORK

NEW YORK CITY

Eastern Burlap Bag Co The, 200 Fifth av.Gramercy 4014

BAGS, BURLAP (MNFRS.)

ILLINOIS

CHICAGO

Central Bag Mnfg Co, 3622-30 Iron .....Yards 7420

TENNESSEE

MEMPHIS

Bosworth Bag Co.....Main 1111

BAGS—BURLAP (SECOND HAND)

CALIFORNIA

LOS ANGELES

Shuken S & Co, 347 S Central Manual-Broadway 4320
.....Automatic 9902

ILLINOIS

CHICAGO

Mid Western Bag & Burlap Co Inc, 1842 Milwaukee av .....Armitage 2633
Western Bag & Burlap Co, 24th, Wallace and 25th .....Calumet 5617

INDIANA

INDIANAPOLIS

Katz Max, 1118 S Capitol av Bell-Prospect 5180
.....Automatic 51-730

MINNESOTA

ST PAUL

Minnesota Bag Co, 142-144 S Robert...Bell-Roble 2363
.....Tri State 22660

NEW YORK

NEW YORK CITY

Brody S, South Clinton & Water.....Orchard 8361

OHIO

COLUMBUS

Columbus Bag & Burlap Co, 145 W State .....Bell-Main 8523 Ohio State 7381

PENNSYLVANIA

PHILADELPHIA

Phila. S H Burlap Bag Co, 408-10-12 S Front .....Lombard 174

BAGS & BURLAP BOUGHT & SOLD

MASSACHUSETTS

SPRINGFIELD

Kaplan Bros (Wholesale & Retail Dealers) 147 Sharon .....River 1193

OHIO

CINCINNATI

McAllister C M Co, 1134 W 6th.....West 4364

DAYTON

Dayton Bag & Burlap Co The, 429-481 Burns av .....Main 7820

TOLEDO

Holtzman Bag Co, 2053 Canton..Ohio State-Main 6464

BAGS, BURLAP & COTTON

PENNSYLVANIA

PHILADELPHIA

Philadelphia Bag Co, Water & Tasker..Dickinson 71

BAGS—BURLAP & COTTON, (BOUGHT AND SOLD)

OHIO

DAYTON

Finn Jos P Co, 24-26 Shawnee.....Main 2612

BAGS, BURLAP COTTON & PAPER

OHIO

CINCINNATI

Fishwick A B, Commercial Trib bldg.....Canal 804

WASHINGTON COURT HOUSE

Millers & Manufacturers Service Co, Bell-Main 335-R
South Main .....Ohio State 5122

BAGS (MNFRS) BURLAP & COTTON, NEW AND SECOND HAND

OHIO

CINCINNATI

King Mfg Co The, Front & Main.....Main 2294

TENNESSEE

NASHVILLE

Werthan Bag Co, 417-419-421, 22d av, North.Main 1613

BAGS & BURLAP, NEW AND SECOND HAND

PENNSYLVANIA

PHILADELPHIA

Pottash Bros, 504 N American.....Market 3723

BAGS, CANVAS

NEW YORK

NEW YORK CITY

Smith Arthur F, 261-267 Canal...Telephone Connection
See our Catalog Space, page 1017

BAGS—CANVAS & ORE SACKS—MNFRS.

NEW YORK

NEW YORK CITY

Stanley W W, 50 Church.....Cortland 5119

BAGS, COTTON, MNFRS.

ILLINOIS

CHICAGO

Central Bag Mfg Co, 3622-30 Iron.....Yards 7420

BAGS DEALERS AND MNFRS. ALSO BURLAPS

ILLINOIS

CHICAGO

Richard L & Co, 405-407 N Desplaines.Haymarket 818

BAGS, JUTE, FLOUR AND COTTON BAGS

NEW JERSEY

NEWARK

Yeskel A & Son, 9-11 Peshine av.....Waverly 2773

BAGS (PAPER) OF ALL KINDS

GEORGIA

ATLANTA

National Paper Co Simpson, Elliott & Tyler & Sou Ry.....Main 1163

NEW YORK

NEW YORK CITY

Miller Tompkins & Co, 487 Washington...Canal 9075

BAGS (GUNNY AND BURLAP) 2D HAND FOR ALL PURPOSES

MINNESOTA

ST PAUL

Twin City Bag Mfg Co, 592-94 Jackson...Jackson 2540

BAGS, SILK FABRIC FOR WOMEN, MNFRS.

NEW YORK

NEW YORK CITY

Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

BAKELITE DIES

OHIO

DAYTON

Siebert Engineering Co The, 131 East Third Main 9184

BAKERS (MANUFACTURERS OF FINE BISCUITS & CRACKERS)

MINNESOTA

ST PAUL

Sanitary Food Mfg Co, University Bell-Midway 1650
& Fairview .....Tri State 82957

BAKERS' EQUIPMENT

NEW YORK

NEW YORK CITY

Jaburg-Miller Co (Specialists in Machinery Utensils and Equipment), 137 Hudson....Franklin 417

BAKERS FIXTURES—MNFRS. AND DESIGNERS

ILLINOIS

CHICAGO

Inter-Ocean Cabinet Co, 322-326 S Paulina.West 3319

BAKERS' GAS BOILERS, PAT'D OVEN STEAMER

MISSOURI

ST LOUIS

Freymark Machine & Tool Co, 2110
Market .....Bomont 143

BAKERS' JOURNAL

ILLINOIS

CHICAGO

Bakers' Helper Company, 327 S Lasalle..Wabash 4816

NEW YORK

NEW YORK CITY

Bakers' Helper Company, (Branch Office)
105 W 40th.....Bryant 6880

BAKERS' MACHINERY

ILLINOIS

CHICAGO

Champion Machinery Co, 175 W Jackson bl.Wabash 2020

MISSOURI

ST LOUIS

American Bakers Machinery Co, 902 Clinton.Tyler 2798

OHIO

CINCINNATI

Day J H Co The, 1144 Harrison av.....West 2826
Triumph Mfg Co The, 3400-3408 Spring
Grove av .....Park 716

BAKERS' MACHINERY—MNFRS. OF PIE BAKERS' MACHINERY

ILLINOIS

CHICAGO

Colborne Mfg Co, 170 W Division.....Superior 1000

BAKERS' OUTFITS—NEW AND SECOND HAND

OHIO

CINCINNATI

Economy Supply Co, 126 E Pearl.....Main 1147

BAKERS' OVENS

ILLINOIS

CHICAGO

Hubbard Portable Oven Co, 1134-1144
Belden av .....Lincoln 92

BAKERS' OVENS, BRICK

MASSACHUSETTS

BOSTON

Cline H E Oven Co, 43 Tremont.....Haymkt 2423

BAKERS' RACKS, TRUCKS, BASKETS, PROOF BOXES—MNFRS.

INDIANA

LA FAYETTE

Peerless Wire Goods Co, 1416-20 Bell-Lafayette 196
Elizabeth .....Automatic 1965

BAKERS' SCHOOLS

ILLINOIS

CHICAGO

Siebel Institute of Technology, 960
Montana .....Lincoln 1079

BAKERS' SUPPLIES

ILLINOIS

CHICAGO

Bear Brothers Co, 108 E South Water....Central 3789
Bear E A & Co, 728-730 W Randolph....Monroe 3364
Hirsch Brothers Co, 206-208 W Illinois..Superior 4375

BAKERS' SUPLS. CONFECTIONERS' & ICE CREAM MKRS. SUPLS. ERS SUPLS.

MINNESOTA

ST PAUL

Maas-Keefe Co The, 55-59 E Bell-Cedar 2475
3d .....Tri State 21544

BAKERS' SUPPLIES AND CONFECTIONERS' SUPPLIES

ILLINOIS

CHICAGO

Allen J W & Co, 116 N Peoria.....Monroe 1441
Seidel Ad & Sons, 1245-1257 Garfield av..Lincoln 241

NEW YORK

NEW YORK CITY

Nulomoline Co The (Honey of Sugar), 111
Wall .....Hanover 7294
See our Adv., inside Front Cover

BAKERS' WOODENWARE, TRUCKS & TOOLS

ILLINOIS

CHICAGO

Schroeder H L, 3512-3544 Carroll av.....Kedzie 1138

BAKING POWDER

VIRGINIA

RICHMOND

Southern Mnfg Co The (Miss Princine, Good Luck, Ever Ready), 9th & Perry sts. Randolph 1771

BALANCES

NEW YORK

NEW ROCHELLE

Voland & Sons ..... New Rochelle 1192

BALATA BELTING

ILLINOIS

CHICAGO

Manheim Mfg & Belting Co, cor Lake & Jefferson ..... Monroe 6044

BALE TIES

ILLINOIS

STERLING

Northwestern Barb Wire Co, Avenue B and Wallace ..... Main 390

BALE TIES (MNFRS. DIMENSION & ADJUSTABLE STEEL WIRE)

OHIO

SPRINGFIELD

Downey W C & Co, Wal-..... Bell-Springfield 466
Lut ..... Ohio State 466

BALERS—HAY AND STRAW

WISCONSIN

RACINE

Case J I, T M Co, State & Douglas..... Racine 103
See our Catalog Space, page 918

BALERS—WASTE PAPER AND RAG

ILLINOIS

GALESBURG

Shaw Welsh & Co, 557 S Cherry Bell-Galesburg 470
..... Union-Main 1237

BALING PRESSES

ILLINOIS

CHICAGO

Davenport Mfg Co (Thos L McGrach, Repr), 326 River ..... Majestic 8686

DWIGHT

Spencer J A, S Washington..... Dwight 10

IOWA

DAVENPORT

Davenport Mfg Co, 436 Harrison..... Davenport 3917Y

MASSACHUSETTS

BOSTON

Davenport Mfg Co (E M Burnham, Repr), 161 Devonshire ..... Fort Hill 3861

NEW YORK

BUFFALO

Lesser W L Co The, Wasson st..... Howard 443

NEW YORK CITY

Davenport Mfg Co (W B Atwater, Repr) 299 Broadway ..... Worth 248

PENNSYLVANIA

PHILADELPHIA

Davenport Mfg Co (J E Fluke Jr, Repr), Builders Exchange ..... Market 3785

WISCONSIN

MILWAUKEE

Gall & Henning Mfg Co, 26th av & Layton Park ..... Orchard 193

BALING PRESSES FOR ALL PURPOSES

MICHIGAN

ANN ARBOR

Economy Baler Co, Sales & Service Branches in all Larger Cities..... Ann Arbor 1777

BALING PRESSES, METAL

MICHIGAN

BATTLE CREEK

Alsteel Manufacturing Co, 15-23 Carlyle ..... Battle Creek 446

BALL BEARINGS

CALIFORNIA

LOS ANGELES

Ahlberg Bearing Co, 325 W Pico..... Pico 144

SAN FRANCISCO

Ahlberg Bearing Co, 715 Turk..... Franklin 5878
Hess-Bright Mfg Co The, Call bldg..... Sutter 4196

CONNECTICUT

NEW BRITAIN

Fafnir Bearing Co, Booth..... New Britain 1250

GEORGIA

ATLANTA

Ahlberg Bearing Co, 328 Peachtree..... Ivy 1562

ILLINOIS

CHICAGO

Aetna Ball Bearing Mfg Co, 221 Institute pl ..... Superior 7695
Ahlberg Bearing Co, 2636 S Michigan av. Calumet 1786
Fafnir Bearing Co, 1919 S Michigan av.. Calumet 1451
G-A Ball Bearing Mfg Co, 123 N Albany av. Kedzie 8921
See our Catalog Space, page 920
Schneider Stefan Ball Bearing Mfg Co, 1821-23 Berteau av ..... Wellington 788
Standard Roller Bearing Co, 2206 S Michigan av ..... Calumet 243

INDIANA

INDIANAPOLIS

Standard Roller Bearing Co, Hume-Mansur bldg ..... Main 4045

MASSACHUSETTS

BOSTON

Ahlberg Bearing Co, 93 Massachusetts av ..... Back Bay 2699
Bilodeau Ball Bearing Works Inc, 66 Stanhope ..... Back Bay 5583
Standard Roller Bearing Co, 168 Mass av. Back Bay 3300

MICHIGAN

DETROIT

Ahlberg Bearing Co, 790 Woodward..... Gindale 539
Fafnir Bearing Co, David Whitney bldg... Cherry 1936
Standard Roller Bearing Co, 986 Woodward av ..... Gindale 4829

MINNESOTA

MINNEAPOLIS

Ahlberg Bearing Co, 926 Marquette av ..... Main 5985
..... Tri State 34-858

MISSOURI

ST LOUIS

Ahlberg Bearing Co, 2831 Locust..... Bomont 372

NEW YORK

NEW YORK CITY

Acme Bearings Co (Steel Balls Annular & Roller Bearings), 1790 Broadway. Columbus 5931
Ahlberg Bearing Co, 1790 Bway..... Columbus 5889
Bower Roller Bearing D Co, 1834 Broadway ..... Colmbus 4703
F & S Distributors, 253 W 58th..... Colmbus 8355
G-A Ball Bearing Mfg Co, 52 Broadway.. Broad 72
See our Catalog Space, page 920
Goodman S Fabian, 1834 Broadway... Columbus 4703
Gwilliam Co The, 253 W 58th..... Colmbus 8355
Hess-Bright Mfg Co The, 1974 Broadway ..... Columbus 844
New Departure Service Station, 253 W 58th ..... Colmbus 8355
New York Bearings Co, 311 West 59th. Columbus 736
R & L Bearings Co Inc, 1790 Broadway. Columbus 1131
Schneider Stefan Ball Bearing Mfg Co (E D Giberson & Co, Export agts) 52 Bway... Broad 72

OHIO

CLEVELAND

Ahlberg Bearing Co, 1836 Euclid av.... Prospect 1379
Hess-Bright Mfg Co The, Guardian bldg.... Main 5421

OREGON

PORTLAND

Ahlberg Bearing Co, 325 Davis..... Bway 125

PENNSYLVANIA

PHILADELPHIA

Ahlberg Bearing Co, 934 Broad Bell-Poplar 1427
..... Keystone-Park 1381
Gwilliam Co The, 1314 Arch..... Walnut 3497
Hess-Bright Mfg Co The, Front st & Erie av ..... Kensington 7120
New Departure Service Station, 1814 Arch. Walnut 3497
Pruyn Ball Bearing Works (Manufacturers of single and double row ball bearings and thrusts, also reground bearings of all makes and sizes) 4410 Paul..... Bell-Frankford 1372
..... Keystone-East 361
Standard Roller Bearing Co, 50th & Lancaster av ..... Belmont 550

BALL BEARINGS (ALL KINDS)

ILLINOIS

CHICAGO

Chicago Pulley & Shafting Co, 40 S Clinton. Main 1876

BALL BEARINGS FOR POWER TRANSMISSION

ILLINOIS

CHICAGO

Transmission Ball Bearing Co, 12 N Jefferson ..... Monroe 4661
See our Catalog Space, page 920

MASSACHUSETTS

BOSTON

Transmission Ball Bearing Co, 624 Main ..... Cambridge 252
See our Catalog Space, page 920

NEW YORK

BUFFALO

Transmission Ball Bearing Co, 1050 Military rd ..... North 4786
See our Catalog Space, page 920

NEW YORK CITY

Transmission Ball Bearing Co, 80 Church. Cortland 389
See our Catalog Space, page 920

PENNSYLVANIA

PHILADELPHIA

Transmission Ball Bearing Co, Bourse Bldg ..... Lombard 490
See our Catalog Space, page 920

BALL BEARINGS, RADIAL THRUST, MAGNETO, 2 ROW

ILLINOIS

CHICAGO

Fafnir Bearing Co (Manufacturers "America's Quality Bearing") 1919 S Michigan av ..... Calumet 1451

BALL BEARINGS, REGROUND & NEW, ALL MAKES & SPECIAL

CALIFORNIA

LOS ANGELES

Ahlberg Bearing Co, 325 W Pico ..... Pico 144

SAN FRANCISCO

Ahlberg Bearing Co, 715 Turk ..... Franklin 5878

GEORGIA

ATLANTA

Ahlberg Bearing Co, 323 Peachtree ..... Ivy 1562

ILLINOIS

CHICAGO

Ahlberg Bearing Co, 2636 S Michigan av. Calumet 1786
Pruyn Ball Bearing Works, 1919 S Michigan av ..... Calumet 3798

MASSACHUSETTS

BOSTON

Ahlberg Bearing Co, 93 Massachusetts av. Back Bay 2699

MICHIGAN

DETROIT

Ahlberg Bearing Co, 790 Woodward av... Glndale 539

MINNESOTA

MINNEAPOLIS

Ahlberg Bearing Co, 926 Marquette av ..... Bell-Main 5985
..... Tri State 34-858

MISSOURI

ST LOUIS

Ahlberg Bearing Co, 2831 Locust ..... Bomont 372

NEW YORK

NEW YORK CITY

Ahlberg Bearing Co, 1790 Bway ..... Columbus 5889

OHIO

CLEVELAND

Ahlberg Bearing Co, 1836 Euclid ..... Prospect 1379

OREGON

PORTLAND

Ahlberg Bearing Co, 325 Davis ..... Bway 125

PENNSYLVANIA

PHILADELPHIA

Ahlberg Bearing Co, 934 Broad ..... Bell-Poplar 1427
..... Keystone-Park 1381

BALL BEARINGS AND REPAIRS

ILLINOIS

CHICAGO

Pruyn Ball Bearing Works, 1919 S Michigan av ..... Calumet 3798

NEW JERSEY

EAST ORANGE

B R Specialty Co. 17-19 Princeton.... Orange 2561

BALL JOINTS, SPARK & THROTTLE CONTROL, AUTOMOBILES

ILLINOIS

CHICAGO

Mechanical & Electrical Mnfg Co, 2227 Prairie av ..... Calumet 2328

BALL AND ROLLER BEARING SERVICE—NEW AND REMADE

ILLINOIS

CHICAGO

Pruyn Ball Bearing Works, 1919 S Michigan av ..... Calumet 3798

BALL AND ROLLER THRUST BEARINGS

PENNSYLVANIA

PITTSBURGH

Iron City Products Co, 7501 Thomas bl.. Franklin 3520

BALL WINDING MACHINERY

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles ..... Union 963

BALLOONS—ALL KINDS, AIRSHIPS

OHIO

AKRON

Novelty Rubber Sales Co, 346 West Market ..... Bell-Main 232
..... Ohio State 4061

BALLOONS—ALL KINDS, WATERMELONS, AIRSHIPS

NEW YORK

NEW YORK CITY

Caldwell William & Co, 96 Warren ..... Barclay 6265

OHIO

AKRON

Western Reserve Rubber Co The, 154 Kenmore bl ..... Main 4262

RAVENNA

Oak Rubber Co The, 226 S Prospect.... Ravenna 174

BALLOONS OF EVERY KIND, FOOT BALLS & RUBBER TOYS

OHIO

AKRON

Anderson Novelty Rubber Co, 124 North Union ..... Main 5653

BALLOONS, RUBBER, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison ..... Main 3482

BALLS FOR GRINDING

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Chilled Iron, Cast Steel, Forged Steel) 25 Church. Cortland 7673

BAMBOO

NEW JERSEY

HOBOKEN

Deltour J Inc, 901-907 Jefferson ..... Hoboken 1959

BANANA LIQUIDS

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Bway ..... Rector 5727

BAND INSTRUMENTS

ILLINOIS

CHICAGO

Dixie Music House The, 105 W Madison. Randolph 962

BAND INSTRUMENTS (MNFRS.)

ILLINOIS

CHICAGO

Taylor & Horn, 173 N Green ..... Monroe 585

BAND INSTRUMENTS & MUSICAL MDSE.

MINNESOTA

DULUTH

Boston Music Co, 18-20 Lake av N ..... Bell-Melrose 203
..... Zenith-Grand 203

BANDS & ORCHESTRAS

ILLINOIS

CHICAGO

Hand Johnny Band & Orchestras The, 127 N Dearborn ..... Randolph 5237

BAND RE-SAW BLADES MNFRS.

ILLINOIS

CHICAGO

Swett Frank W & Son, 1716-18 W Adams.. West 2508

BAND SAW BLADES MNFRS.

ILLINOIS

CHICAGO

Swett Frank W & Son, 1716-18 W Adams.. West 2508

BAND SAW MACHINES, METAL, POWER

ILLINOIS

CHICAGO

Armstrong-Blum Mfg Co, 333 N Francisco av ..... Garfield 4781

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BANK EXAMINERS

ILLINOIS

CHICAGO

Commonwealth Audit Co, First Nat Bank bldg ..... Randolph 4201

WISCONSIN

MILWAUKEE

Browner Drury & Co, Pabst bldg ..... Main 128

BANK FIXTURES

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry ..... Main 793

ILLINOIS

CHICAGO

Schick Johnson Company, 1737-45 N Paulina ..... Haymarket 3957

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av ..... North 6123

MISSOURI

KANSAS CITY

American Sash & Door Co, 16th and Bellfountain ..... Bell-East 733, Home-East 1503

ST LOUIS

St Louis Bank Equipment & Fixture Co, 807-9-11 Walnut ..... Bell-Olive 4188, Kinloch-Cent 4590

BANK FIXTURES, BRASS & IRON WORK

MISSOURI

ST LOUIS

Usona Mfg Co, 822 S 18th ..... Olive 3433

BANK & OFFICE FITTINGS

ILLINOIS

CHICAGO

Schweizer & West Mfg Co, 310-322 N Ada . Monroe 1839

BANK & OFFICE RAILINGS

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av ..... Lindell 637

NEW YORK

NEW YORK CITY

Hopkins & Co, 199 Franklin ..... Franklin 3782

BANK & OFFICE RAILINGS, WIRE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

BANK & OFFICE RAILINGS—WIRE & WROUGHT IRON

MICHIGAN

DETROIT

Michigan Iron & Wire Works, Sheridan & St Paul av ..... Edgwood 107

BANK, OFFICE AND STORE FIXTURES

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry ..... Main 793

MICHIGAN

DETROIT

Buekers J H Mfg Co, 65 to 73 Catherine ..... Main 1674

BANK SIGNS

ILLINOIS

CHICAGO

Marx Zero Sign Works, 126 N Peoria .. Haymarket 1197

BANK STATIONERS, LITHOGRAPHERS

MASSACHUSETTS

BOSTON

Dangel Harry Bank Note Co, 44 Federal ..... Main 4616, Main 642

BANK, STORE & OFFICE FIXTURE MNFRS—WOOD & STEEL

MICHIGAN

DETROIT

Standard Cabinet & Construction Co, 154 Wayne ..... Cherry 6414

BANK, STORE AND OFFICE FIXTURES

ILLINOIS

CHICAGO

Inter-Ocean Cabinet Co, 322-326 S Paulina .. West 3319

BANK, STORE & OFFICE FIXTURES (MNFRS.)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640, Tri State 26726

BANK, STORE & OFFICE FIXTURES, BRASS, BRONZE, STEEL

OHIO

CINCINNATI

Newman Manufacturing Co, 717-721 Sycamore ..... Canal 713

WISCONSIN

MILWAUKEE

Globe Wire & Iron Works, 1018 Atkinson av ..... Lincoln 157

BANK, STORE & OFFICE FIXTURES, INTERIOR FINISH

MISSOURI

ST LOUIS

Blumer Cabinet Co, 2110 Walnut ..... Bomont 589

TEXAS

HOUSTON

Southern Screen Co, 4810 Washington av .. Taylor 482

BANK SUPPLIES

ILLINOIS

CHICAGO

Spurgin Mfg Co, 7011 Vincennes av ..... Vincennes 366

BANKERS' ADVERTISING SPECIALTIES

MISSOURI

KANSAS CITY

Huntzinger Advertising & Mfg Co, 2615 Walnut ..... Bell-Grand 3740, Home-Main 5613

BANKERS AND BROKERS, CORPORATIONS FINANCED

OHIO

CINCINNATI

Woodward Edward D Co The, 414 Walnut .. Main 3246

BANKERS—FOREIGN

NEW YORK

NEW YORK CITY

Hernandez C F Sons & Co, 17 Battery Place ..... Rector 5678

BANKERS' SUPPLIES (PASS BOOKS)

MISSOURI

ST LOUIS

Schaefer & Keim Mfg Co, 318 N 2d ..... Central 5449

BANKS

ARKANSAS

FORT SMITH

City National Bank ..... Fort Smith 824

GEORGIA

AUGUSTA

Merchants Bank, 821 Broad ..... Augusta 169

KENTUCKY

LOUISVILLE

American-Southern National Bank, 322 W Main ..... Main 433

PROVIDENCE

Union National Bank ..... Bell-Cumberland 33, Independent 81

MASSACHUSETTS

WEST NEWTON

First National Bank, 1347 Washington ..... West-Newton 368

MICHIGAN

DETROIT

Highland Park State Bank of Detroit, 43 W Fort ..... Cadillac 6820
National Bank of Commerce, 44 W Fort ..... Main 6010

MISSOURI

JEFFERSON CITY

First National Bank, 120 East High ..... Home

ST LOUIS

National Bank of Commerce in St Louis The, Broadway and Olive ..... Main 5516

NEW HAMPSHIRE

LAKEPORT

Lakeport National Bank, 799 Union av...Laconia 215-3

NEW YORK

BUFFALO

Manufacturers & Traders National Bank, (Resources over fifty millions, sixty years of co-operation. Information cheerfully supplied), 272 Main ....Seneca 5123
Marine National Bank, Main and Seneca..Seneca 2351

NEW YORK CITY

American Exchange National Bank, 128 Broadway ....Cortland 150

ROCHESTER

Traders National Bank, 43 and 45 State....Main 561

OHIO

STEUBENVILLE

National Exchange Bank The (Prompt Attention Given to Collections), 426 Market.Steubenville 28

OKLAHOMA

MUSKOGEE

First Nationtl Bank, Second & Broadway.Muskogee 236

TULSA

Central National Bank of Tulsa The (Collections handled by an official), Second & Boston.Osage 8200
Citizens State Bank, Third & Boston.....Osage 7540
Union National Bank, Boston & Fourth....Osage 5516

PENNSYLVANIA

PHILADELPHIA

First National Bank (First National Bank Chartered), 315 Chestnut.....Lombard 294

SOUTH CAROLINA

SPARTANBURG

First National Bank, 1st National Corner ....Spartanburg 81

BANKS & BANKERS

ILLINOIS

CHICAGO

Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle....Randolph 560

PENNSYLVANIA

PITTSBURGH

Mellon National Bank (Invested Capital $10,000,000, Deposits over $100,000,000), 510-514 Smithfield st, 409-413 Fifth av, 406-410 Oliver av ....Grant 6700

BANKS—DIME SAVINGS, ADVERTISING

ILLINOIS

CHICAGO

Carroll J B Company cor Carroll & Albany avs ....Kedzie 496

BANKS REMODELED—PLANS & SPECIFICATIONS FURNISHED

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry....Main 793

BANNERS—FOR SOCIETIES, LODGES—CLUBS

NEW YORK

NEW YORK CITY

Kraus I, 134 Clinton ....Orchard 1728

BAR BENDERS

MINNESOTA

MINNEAPOLIS

Kardong Bros, 1343 Filmore N E.....Tri State 42725

BARBER CHAIRS

MISSOURI

ST LOUIS

Koken Barbers' Supply Co, 2528 Texas av.Sidney 4310

BARBER SUPPLIES AND CUTLERIES

INDIANA

INDIANAPOLIS

Schaaf Barber Supply Co, 112 West Maryland.Main 4033

BARN DOOR HANGERS & RAILS

ILLINOIS

STERLING

National Mfg Co, 17 E 2d....Main 68

BAROMETERS

NEW YORK

ROCHESTER

Taylor Instrument Companies, 95 Ames.....Stone 6700

BARREL HOOP STAINS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt ....John 1625

BARREL MAKING MACHINERY

NEW YORK

NEW YORK CITY

Olney Geo H & Co. 50 Church....Cortland 3756

BARRELS

ILLINOIS

CHICAGO

Austin Barrel Co, 2023 W Austin av.....Seeley 3171
Eiszner John Co; 1050 W Kinzie.....Monroe 733
Higgins Bros, 3111-3135 S Lincoln.....Yards 795
Kirk Joseph H Co Inc, 3101 to 3123 Emerald av and 703 to 743 W 31st....Yards 1218
McArdle & Co, Inc, 38th pl and Gage st...Yards 764

PEORIA

Empire Cooperage Co, (Slack Barrels).....Main 3434

MICHIGAN

DETROIT

Harris Chas W, 224 W High....Gindale 2700
McMann J W & Son, 51 to 61 Osborne pl..North 6430

NEW YORK

NEW YORK CITY

Melcher J R, 25 Beaver....Broad 3153

OHIO

CLEVELAND

Cleveland Cooperage Co The, 2231 West 61st....Bell-Edgewater 1073 Ohio State-Lorain 497

BARRELS (FLOUR, APPLE & BUTTER TUBS)

MINNESOTA

MINNEAPOLIS

North Star Barrel Co, 1415 S Fifth ....Bell-Main 1618 Tri State 34922

BARRELS, ALCOHOL, LIQUOR & OIL—SECOND HAND

ILLINOIS

CHICAGO

House & McKay Cooperage Co, 1407-13 Edgemont av ....Monroe 5700

BARRELS—ALL KINDS—SECOND HAND

KENTUCKY

LOUISVILLE

Ameling Wm T, 931 South Shelby ....Home City 3664

BARRELS & BAGS (NEW & SECOND HAND)

MICHIGAN

DETROIT

Michigan Barrel & Bag Co, 283 and 285 Franklin ....Main 3192

BARRELS, BAGS—SECOND HAND (FOR ALL PURPOSES)

MINNESOTA

MINNEAPOLIS

Minneapolis Barrel & Bag Co, 1016-36 Washington av S E....Bell-East 127 Tri State 42204

BARRELS & BOXES, NEW & SECOND HAND

OHIO

TOLEDO

Martin Bros Co The, 39 Blucher ....Bell-Forest 63 Ohio State-Main 6269

BARRELS & CASKS (TIGHT) NEW & 2D HAND, ALSO EXPORT

NEW JERSEY

JERSEY CITY

Connor Michael & Sons, 17-35 Florence...Bergen 2923

BARRELS & KEGS

ILLINOIS

CHICAGO

Ryan D W Cooperage Co, 1634 Besley ct.Monroe 5511

NEW YORK

NIAGARA FALLS

International Cooperage Co Inc, Erie av and 9th ....Niagara Falls 1450

BARRELS—NEW AND SECOND HAND

ILLINOIS

CHICAGO

Gerold Frank Co The, 453-59 N Green...Monroe 1062
McArdle & Co Inc, 38th pl and Gage st....Yards 764

BARRELS—OIL AND TALLOW—SECOND HAND

ILLINOIS

CHICAGO

Van Wyck Henry, 2442 Elston.....Armitage 2601

BARRELS SECOND HAND

MICHIGAN

DETROIT

Empire Barrel Co, 371-375 Clinton....Edgwood 1805
Krell Brothers, Antoinette and 12th and GT RR .....North 3622
Standard Barrel & Bag Co, 1745-1805 Mt Elliot .....Ridge 3100

OHIO

COLUMBUS

Columbus Barrel Cooperage Co, 462-64 Broderick .....Bell-Main 9189 Ohio State 6076

WISCONSIN

MILWAUKEE

Jacobson Bros Barrel Co, 35 South Water.Hanover 1111

BARRELS—STEEL

CALIFORNIA

SAN FRANCISCO

Pressed Steel Products Co The, 503 Market.Sutter 2341

ILLINOIS

CHICAGO

Pressed Steel Tank Company, 208 S LaSalle .....Wabash 6489

NEW YORK

NEW YORK CITY

Pressed Steel Products Co The, 50 Church.Cortland 3492

PENNSYLVANIA

PITTSBURGH

Pressed Steel Products Co The, Frick bldg..Grant 5157

SHARON

Pressed Steel Products Co The, Sharon Petroleum O..... Sharon 791

BARRELS—STEEL SHIPPING

MICHIGAN

DETROIT

Welded Steel Products Corporation, Hart & Charlevoix .....Hickory 1898

PENNSYLVANIA

PITTSBURGH

Scaife Wm B & Sons Co, 1st Nat Bk bldg.Oakmont 9
See our Catalog Space, page 1014

BARRELS, TRIMMED OIL, DEALERS & SHIPPERS

ILLINOIS

CHICAGO

Acme Barrel Co, 2285-2289 W Grand av...Seeley 3168

BARRELS, WELDED STEEL SHIPPING

NEBRASKA

OMAHA

Nebraska & Iowa Steel Tank Co, 13th and Willis av.....Webster 278

BARS FOR REINFORCED CONCRETE

ILLINOIS

CHICAGO

Corrugated Bar Co, 20 W Jackson bl....Harrison 3724
Dean Olney J & Co, 19 S Lasalle.....Central 3462

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis.....Mt Vernon 980

MASSACHUSETTS

BOSTON

Corrugated Bar Co, 220 Devonshire.....Fort Hill 4282
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

MICHIGAN

DETROIT

Corrugated Bar Co, Penobscot bldg.....Cherry 5040

MISSOURI

ST LOUIS

Corrugated Bar Co, Federal Reserve Bank bldg .....Olive 2860

NEW YORK

BUFFALO

Corrugated Bar Co, Mutual Life bldg.....Seneca 4310

NEW YORK CITY

Corrugated Bar Co, 17 Battery pl.....Rector 4685

SYRACUSE

Corrugated Bar Co, Union bldg.....Warren 5369

PENNSYLVANIA

PHILADELPHIA

Corrugated Bar Co, Transportation bldg..Spruce 5747

WISCONSIN

MILWAUKEE

Corrugated Bar Co, Wells bldg .....Main 1555

BARS—IRON

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

BARS, IRON & STEEL

OHIO

CLEVELAND

Union Rolling Mill Co The, Aetna rd & C & P R R.....Broadway 1951

BARYTES

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg.Trenton 915

BASES (STEEL FOR WOOD COLUMNS)

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 E 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

BASKET & FRUIT PACKAGE MANUFACTURERS

NEW YORK

NEW YORK CITY

Coles & Company, 115 Warren.....Barclay 9940

BASKET & FURNITURE MFGS. REED, WILLOW & RATTAN

ILLINOIS

CHICAGO

Chicago Willow Ware Co, 542 E 47th....Oakland 3888

BASKET MANUFACTURERS

NEW YORK

PENN YAN

Yates Lumber Co, ...Penn Yan 150

VIRGINIA

PORTSMOUTH

Two State Package Corp (Sales Office Penn Yan N Y) Belt Line & GilmartinCrossingPortsmouth 1340

BASKET MNFRS, ALL SPLINT & WOODEN

ILLINOIS

CHICAGO

Strantz & Pindras, 403 Oswego.....Monroe 5632

WISCONSIN

RACINE

Belle City Basket Co,.....Racine 1587

BASKET MNFRS. CANVAS, FIBRE, RATTAN, WILLOW

NEW YORK

NEW YORK CITY

Fowl Julius, 119 W 17th.....Chelsea 6186

BASKET MFG.—FANCY BASKETS A SPECIALTY

RHODE ISLAND

PROVIDENCE

O'Lougnlin W B & Sons, 69 Sprague.....Union 5193

BASKET MNFRS. FANCY WILLOW, FLOWER & FIRE SIDE

OHIO

MADISON

Madison Basketcraft Co, Main and Eagle .....Peoples-Main 100

BASKET MNFRS. FRUIT PACKAGES OF ALL KINDS

MICHIGAN

DOUGLAS

Weed E E & Co .....Douglas 14

BASKET MNFRS. SPLINT, STAVE AND RATTAN

ILLINOIS

CHICAGO

Standard Basket Co, 2015-2028 Emerson av.Seeley 2238

BASKET MNFRS—WIRE OR WOOD

NEW YORK

NEW YORK CITY

American Wire Form Co (Sanitary Wire Baskets for all Purposes), Church cor Barclay..Barclay 6757

BASKETS

NEW YORK

NEW YORK CITY

Lewis Samuel, 78 Barclay.....Barclay 5406

BASKETS—FINE SPLINT AND BAMBOO

INDIANA

BUTLER

Butler Basket Co The,.....Butler 11

BASKETS—METAL, DELIVERY & TOOL BOXES-MANUFACTURERS

INDIANA

LA FAYETTE

Sanitary Metal Basket Co, cor 3d & North .....Automatic 409

BASKETS—SPLINT & FRUIT PACKAGES

KENTUCKY

PADUCAH

Paducah Box & Basket Co, 14th & Caldwell .....Bell-Paducah 1824 Independent 509

BASKETS—SWEET GRASS & FANCY IMPORTED

NEW YORK

NEW YORK CITY

Moore & Gibson Corp, 39-47 W 19th....Chelsea 3844

BASKETS, WILLOW WARE & WILLOWS

NEW YORK

NEW YORK CITY

Ginn Charles & Co, 893 Broadway.....Gramrcy 4638

BASKETS—WIRE OF EVERY KIND

NEW YORK

NEW YORK CITY

Geere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

BATH ROOM ACCESSORIES MANUFACTURERS

NEW YORK

NEW YORK CITY

Eastern Sanitary Bath Room Fixture Co ("Easy Set"), 192, 24th, Bklyn.....South 6422

BATH ROOM ACCESSORIES, NICKLED AND WHITE ENAMELED

NEW YORK

NEW YORK CITY

Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

BATH ROOM FITTINGS

CONNECTICUT

NAUGATUCK

Russell John M Mfg Co, Inc The,.....Naugatuck 454

ILLINOIS

CHICAGO

Central Specialty Mfg Co, 500 S Peoria ..Monroe 5885

BATH ROOM FIXTURES

ILLINOIS

CHICAGO

Verbeek Harry Co, 175 W Jackson bl...Harrison 217

NEW JERSEY

NEWARK

Searls Mfg Co, 27 Mulberry.....Mulberry 249

BATH ROOM SHELVES

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The ("Vitro Marble") 16th & Sherman Drive.....Woodruff 272

BATH TUB FIXTURES, EXPOSED & CONCEALED SHOWER BATHS

ILLINOIS

CHICAGO

Goetz Brass Company, 630 N Franklin...Superior 4320

BATH TUB MOP MANUFACTURERS

OHIO

TOLEDO

Bathtub Mop Mfg Co The, 38 Ottawa.....Main 6430

BATHING CAPS, RUBBER AND RUBBERIZED

NEW YORK

NEW YORK CITY

Metropolitan Specialty Co, 760 Hendrix, Brooklyn .....Canarsie 6944

BATHING CAPS & SHOES

NEW YORK

NEW YORK CITY

Greilich William & Sons Inc, Marbridge bldg 47 W 34th .....Greeley 5606

BATHING SUITS

NEW YORK

NEW YORK CITY

Blum Stanley W Co, 907 Broadway.....Gramercy 6706

BATHS FOR RHEUMATISM, POOR CIRCULATION, NERVOUSNESS

ILLINOIS

CHICAGO

Kellberg Institute, Est 1881, 109 N Dearborn .....Central 2632
Palmborg Hannah, 3326 N Clark .....Lakeview 1331

BATHS, MASSAGE & SCIENTIFIC EXERCISES

PENNSYLVANIA

PITTSBURGH

Victor Carl (Prof) and Madame Carl Victor 6017 Penn av.....Hiland 6388

BATHS, SULPHUR & EUCALYPTUS (SPINAL AJUSTMENTS)

MINNESOTA

MINNEAPOLIS

Ranzer Dr Val (Helios Light & Kruse System—Ladies keep young. Call at Once), 28 W Lake .....Tri-State 52833

BATTERIES CHARGED AND REPAIRED

WISCONSIN

MILWAUKEE

Wiese Electrical Appliance Co, 3217 Lisbon av .....Kilbourn 965

BATTERIES, DRY (MNFRS.)

WISCONSIN

MADISON

Burgess Battery Co, 1011 E Washington av.Badger 7300

BATTERIES—DRY, WET & STORAGE

OHIO

CLEVELAND

National Carbon Co Inc, Madison av N W and W 117th....Bell-Edgewater 1100 Ohio State-Highland 500

BATTERIES, ELECTRIC STORAGE

ILLINOIS

CHICAGO

Perfection Storage Battery Co, 2901-2909 Indiana av.....Calumet 7070

BATTERIES, STORAGE FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Multiple Storage Battery Co, 127 W 59th Columbus 236

BATTERIES, STORAGE FOR AUTO & FARM LIGHT PLANTS

ILLINOIS

MOLINE

Victor Storage Battery Co, 7th and 4th av.Moline 1520

BATTERY ACID

MARYLAND

BALTIMORE

Davison Chemical Co, Garrett bldg.....St Paul 7040

BATTERY CHARGING, SWITCHES AND AUTOMATIC CUT-OUTS

OHIO

MANSFIELD

Hartman Electrical Mfg Co The, 31 E Fifth .....Mansfield 1295

BATTERY MNFRS. (STORAGE) HYDROMETERS, SUPPLIES, ETC.

NEW YORK

NEW YORK CITY

Storage Battery Supply Co, 239 E 27th...Mad Sq 1065

BATTERY PLATES AND MUD

ILLINOIS

CHICAGO

Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668

BEADS

NEW YORK

NEW YORK CITY

American Bead Co Inc, 485, 5th av....Murry Hil 9065
Great Eastern Bead Supply & Novelty Co, (Beads, Bead Fringes, Jewels, Spangles, Tinsel) 286, 5th av near 30th.....Mad Sq 9933

BEADS, BAGS, PEARL AND FANCY NECKLACES

NEW YORK

NEW YORK CITY

American Bead Co Inc, 485, 5th av....Murry Hil 9065
Wolff H & Co, 20 East 20th.....Gramercy 5170

BEADS, BEAD FRINGES, JEWELS, SPANGLES & TINSEL

NEW YORK

NEW YORK CITY

American Bead Co Inc, 485, 5th av....Murry Hil 9065
Hirsch's G Sons, 890 Bway .....Gramrcy 1373
Wyle J J & Bros Inc, (Successors to Stegman & Weil) 18-20 E 27th.....Mad Sq 9620

BEADS, BEAD NECKLACES, NOVELTY BAG FRAMES

NEW YORK

NEW YORK CITY

Flory Wm E & Co, 31 E 17th.....Stuyvsnt 2247

BEADS, BEADED TRIMMINGS, SPANGLES & TINSEL GOODS

NEW YORK

NEW YORK CITY

American Bead Co Inc, 485, 5th av....Murry Hil 9065
Veith A & H, 411, 5th av.....Murry Hill 67

BEADS AND BEADING, BRAIDING & EMBROIDERY

ILLINOIS

CHICAGO

Madison Embroidery Co, 5 S Wabash av..Randolph 2835

BEADS, TAPESTRY MATLS, LINEN THREADS, JEWELS, CHENILLES

NEW YORK

NEW YORK CITY

Bender Peter (Embroidery Materials, Spangles and Tinsel Threads), 111 E 9th....Stuyvesant 5379

BEAM PUMPS

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co, Caddo Springs to Commerce .....Bell-Shreveport 851 Home-Shreveport 679

BEANS & PEAS

NEW YORK

NEW YORK CITY

Pastene P & Co, Inc, 152-154 Franklin.Franklin 1261

BEARINGS, BRONZE

ILLINOIS

CHICAGO

Amalgamated Metals Co, 2554 Fillmore....Seeley 884

BEARINGS—BRONZE BACK

INDIANA

INDIANAPOLIS

Modern Die & Tool Co, 202-4 S Penna Bell-Main 3755 .....Automatic-21-907

WISCONSIN

MILWAUKEE

Milwaukee Die Casting Co, 297, 4th.....Grand 1133

BEARINGS, BRONZE BACKED BABBITT LINED

INDIANA

INDIANAPOLIS

American Die Casting Co (See what Curtiss Aeroplane Co say), Gardner Lane & White River .....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

BEARINGS, CAR & ENGINE

MISSOURI

ST LOUIS

Gilbert A & Sons Brass Foundry Co, 4010 Forest Park bl.....Lindell 2535

BEARINGS—DIE CAST

INDIANA

INDIANAPOLIS

American Die Casting Co, Gardner Lane & White River.....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921
Modern Die & Tool Co, 202-4 S Penn Bell-Main 3755 .....Automatic-21-907

WISCONSIN

MILWAUKEE

Milwaukee Die Casting Co, 297, 4th.....Grand 1133

BEARINGS, ROLLER

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg..Main 6933

BEARINGS, ROLLER & BALL

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

BEARINGS, ROLLING MILL

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Co, Rhawn & Hegerman Holmesburg.....Holmesburg 600

PITTSBURGH

American Manganese Bronze Co, Empire bldg.Court 1911

BEARINGS, ROUGH & FINISHED

OHIO

CLEVELAND

Aluminum Castings Co The, 6205 Carnegie av .....Rosedale 3770

BEARINGS, SHIM BRASS FOR LININGS

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp.Waterbury 3960

BEAVER BOARDS FOR BACKGROUNDS & WINDOW DISPLAYS

NEW YORK

NEW YORK CITY

Doty & Scrimgeour Sales Co, 74 Duane....Worth 5395

BED BUG EXTERMINATORS

ILLINOIS

CHICAGO

McCloud W B & Co, 1012 N Wells.....Superior 568

BED SPREADS

NEW YORK

NEW YORK CITY

Schubert & Bender Inc, 200, 5th av....Gramercy 1981
Tausend Felix, 576-578 Broadway.....Spring 2345

BED SPRINGS

NEW YORK

NEW YORK CITY

Englander Spring Bed Co, Bush Terminal No 4 Bklyn.....Sunset 2841
Margolies S, 1748 Bath av, Brooklyn.Bath Beach 3444

OHIO

MANSFIELD

Perfection Bed Spring Co Bell-Main 1026
.....Independent-Mansfield 1026

BED SPRINGS, COTS AND CRIBS

OHIO

ASHLAND

Kauffman Mfg Co The .....Ashland 33

BEDDING MANUFACTURERS

MINNESOTA

ST PAUL

Northwestern Bedding & Mfg Co, Bell-Midway 4500
Bradford and Wycliff sts.....Tri State 81-361

NEW YORK

MECHANICVILLE

Eckerson Bedding Co. (Mattresses, Pillows, Steel Couches, Cots, Springs), Round Lake av.....Mechanicville 220-J

BEDDING MANUFACTURERS & WHOLESALE FURNITURE

MINNESOTA

DULUTH

De Witt Seitz Co, 390 Lake av S Bell-Melrose 1906
.....Zenith-Grand 1906

BEDS & BEDDING

NEW YORK

NEW YORK CITY

Emery-Christopher Co, 149 Broadway..Cortland 1942
Somelastique Bedding Co, 348 Madison av .....Gramercy 1811

BEDS CONCEALED

ILLINOIS

CHICAGO

Murphy Door Bed Co, 22 W Monroe....Randolph 2219

BEDS—HOSPITAL AND INSTITUTE

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av .....Stuyvesant 2523
See our Catalog Space, page 960

BEDS, METAL—SPRINGS, MATTRESSES AND PILLOWS

MICHIGAN

DETROIT

Jenks & Muir Mfg Co, 1441 Hastings....North 1488

BEEHIVES AND SUPPLIES

NEW YORK

FALCONER

Falconer W T Manufacturing Co, Work and Everett .....Jamestown 479

BEER PUMP MNFRS.

NEW JERSEY

PATERSON

Asbell, S J Co The, 72-82 Putnam....Paterson 589

BEER PUMPS (ELECTRIC)

CHICAGO

ILLINOIS

Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545

BEER PUMPS, ELECTRIC, AUTOMATIC AIR PUMPS

NEW YORK

NEW YORK CITY

Premier Mfg Co, 201 E 47th.....Murray Hill 4522

BEESWAX

ILLINOIS

CHICAGO

Candy & Co Inc, 401-411 N Paulina....Monroe 135

NEW YORK

NEW YORK CITY

Columbia Wax Works, 749-751 East 137th .....Melrose 2783

BELL FOUNDRY

OHIO

CINCINNATI

Van Duzen E W Co The, 428 E 2d.....Canal 3390

BELLS (MUSICAL)

ILLINOIS

CHICAGO

Deagan J C Musical Bells Inc, 4201-5 Ravenswood av .....Lakeview 4364
See our Catalog Space, page 922
Kohler-Liebich Co The, 3553-55 Lincoln av .....Wellington 5620
See our Catalog Space, page 922

BELT CONVEYORS

ILLINOIS

AURORA

Stephens-Adamson Mfg Co, Rideway & C B & Q R R .....Aurora 310

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

BELT DRESSING

COLORADO

DENVER

Cling Surface Co, First Natl Bk bldg....Champa 982

ILLINOIS

CHICAGO

Cling Surface Co, (F C Willis), 565 W Washington bl.....Main 3260
Jobbers Mfg Co (Blue Ribbon Dressings, Liquid, Bar, Paste), 114-116 W Van buren .....Harrison 964

LOUISIANA

NEW ORLEANS

Cling Surface Co, (Whitney Supply Co, Ltd), 115 S Peters.....Main 451

MASSACHUSETTS

BOSTON

Commercial Chemical Co (X L N C Belt Filler) 212 Essex.....Beach 276

MISSOURI

KANSAS CITY

Cling Surface Co, 1223 W 10th Bell-Main 3444
.....Home-Main 3444

NEW YORK

ALBANY

Stephenson Mfg Co, 2d av and Beekman...Main 2166

BUFFALO

Cling Surface Co, 1032-48 Niagara.....North 772

CORTLAND

Cortland Specialty Co The, 174 Railroad.Cortland 155

NEW YORK CITY

Cling Surface Co, (C F Chase) 39 Cortland .....Cortland 5325

OHIO

CINCINNATI

Black Diamond Mfg Co, 1219 Bank.....West 1499

PENNSYLVANIA

PHILADELPHIA

Cling Surface Co, (Chas Bond Co) 520 Arch .....Market 3249

PITTSBURGH

Warfel H H Empire bldg.....Court 4465

TEXAS

DALLAS

Cling Surface Co, (L A Rodgers Machinery Co), S W Life bldg.....Main 7795

BELT DRESSING, OLEUM BELT TREATMENT

PENNSYLVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av..Scranton 2900

BELT FASTENERS

ILLINOIS

CHICAGO

Flexible Steel Lacing Co, 522 S Clinton..Wabash 4911

NEW YORK

NEW YORK CITY

Kerr & Co Inc, 114 Liberty.....Rector 1657

BELT FASTENERS, STEEL & WIRE

MISSOURI

ST LOUIS

Columbia Novelty Mfg Co "Stag", 1431 N 8th .....Tyler 135

BELT HOOKS, CLIPPER HOOKS & LACERS

PENNSYLVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av.Scranton 2900

BELT LACING

MICHIGAN

GRAND RAPIDS

Clipper Belt Lacer Co, 1024 Front av Citizens-4493

BELT LACING (WIRE)

NEW YORK

NEW YORK CITY

Kerr & Co Inc, 114 Liberty.....Rector 1657

BELT LACING MACHINES

PENNSYLVANIA

PHILADELPHIA

Peerless Belt Lacing Machine Co, Swanson & Moore .....Dickinson 1525

BELTING

ALABAMA

BIRMINGHAM

Alexander Bros, Leather Belting (Perry Supply Co), 18 S 20th.....Main 5292

HUNTSVILLE

Alexander Bros, Leather Belting (McAnelly Hardware Co) .....Huntsville 248

ARIZONA

PHOENIX

Alexander Bros, Leather Belting (Pratt-Gilbert), Central and Madison.....Phoenix 1644

ARKANSAS

LITTLE ROCK

Alexander Bros, Leather Belting (Thos Cox & Sons Machy Co), 2d and Commerce...Main 738

CALIFORNIA

LOS ANGELES

Alexander Bros Leather Belting (Smith-Booth-Usher Co), 228 Central...Manual-Main 2695
.....Automatic 10661

SAN FRANCISCO

Alexander Bros, Leather Belting, (General Machinery & Supply Co), 39 Stevenson.Sutter 6750

COLORADO

DENVER

Alexander Bros, Leather Belting (M J O'Fallon Supply Co The), 1625, 15th...Main 6530

CONNECTICUT

NEW HAVEN

Alexander Bros, Leather Belting (The Coe & Brown Co), 204 George.....Liberty 1461

GEORGIA

ALBANY

Alexander Bros, Leather Belting (Albany Mill Supply Co), 135 Pine.....Albany 229

ATLANTA

Alexander Bros, 102 N Pryor.....Ivy 4979
Alexander Bros, Leather Belting (Crane Company), 31 Garnett.....Main 2062

AUGUSTA

Alexander Bros, Leather Belting (Lombard Iron Works & Supply Co), 631, 11th.Augusta 26

SAVANNAH

Alexander Bros, Leather Belting (J D Weed & Co) 224 Broughton W.....Savannah 743

ILLINOIS

CHICAGO

Alexander Bros, 9 S Clinton.....Franklin 4140
Burrell Belting Co, 413 S Hermitage av..Seeley 2489
Chicago Pulley & Shafting Co, 40 S Clinton.Main 1876
Chicago Rawhide Mfg Co The, 1301 Elston av .....Monroe 6760
Gump B F Co, 431-437 S Clinton.....Wabash 965
McCauley Belting Co, 412-420 Orleans..Franklin 643
Woodcock Bros, 165-167 N Jefferson.....Main 1805

DECATUR

Alexander Bros, Leather Belting (Morehouse & Wells Co) 134 E Main.....Main 40

PEORIA

Alexander Bros, Leather Belting (E M Smith & Co) 409 S Washington.....Main 1083

QUINCY

Alexander Bros, Leather Belting (Hollister-Whitney Co) 211 N 2d.....Main 466

INDIANA

FORT WAYNE

Alexander Bros, Leather Belting (National Mill Supply Co) 209 E Columbia .....Bell-Main 496 Home 2352

INDIANAPOLIS

Alexander Bros, Leather Belting (Indianapolis Belting & Supply Co) 34 S Capitol av..Main 3226
Hide Leather & Belting Co, 231 South Meridian .....Bell-Main 2094
.....Automatic 27-365

RICHMOND

Alexander Bros, Leather Belting (Jones Hardware Co) 10th & North E st...Richmond 1126

IOWA

DAVENPORT

Alexander Bros, Leather Belting (Louis Hanssen's Sons) 215 W 2d.....Davenport 1066

DES MOINES

Alexander Bros, Leather Belting (Globe Machinery & Supply Co) 205 Court...Walnut 835

DUBUQUE

Alexander Bros, Leather Belting (Dubuque Rubber & Belting Co) 422 Main.....Dubuque 1996

KENTUCKY

LOUISVILLE

Alexander Bros, Leather Belting (Ahrens & Ott Mfg Co) 319 W Main.....Main 2301

LOUISIANA

NEW ORLEANS

Alexander Bros, Leather Belting (A Baldwin & Co Ltd) Camp and Common.....Main 386

SHREVEPORT

Gulf States Belting & Hose, 200 Texas.Shreveport 98

MAINE

PORTLAND

Alexander Bros, Leather Belting (W L Blake & Co) 79 Commercial.....Portland 3067

MARYLAND

BALTIMORE

Alexander Bros, Leather Belting (H E Crook Company) 28 Light.....St Paul 510

MASSACHUSETTS

BOSTON

Alexander Bros, Leather Belting (Lewis E Tracy Co) 127 Broad.....Fort Hill 1836

HOLYOKE

Alexander Bros, Leather Belting (J Russell & Co) 361 Dwight.....Holyoke 3532

NEW BEDFORD

Alexander Bros, Leather Belting (Slocum & Kilburn) 23 N Water.....New Bedford 2496

MICHIGAN

BATTLE CREEK

Alexander Bros, Leather Belting (L B Brockett & Sons) 59-61 W Main.Battle Creek 31

BAY CITY

Alexander Bros, Leather Belting (Alert Pipe & Supply Co) 1001 N Water..Bay City 122

DETROIT

Alexander Bros, Leather Belting (Palmer-Bee Co) Cameron and E Grand bl...Market 6592

GRAND RAPIDS

Alexander Bros, Leather Belting (Barclay, Ayers & Bertsch Co) 321 Bond av.....Bell-Main 464 Citizens 4353

KALAMAZOO

Alexander Bros Leather Belting (Edwards & Chamberlain Hardware Co) Main and Portage .....Kalamazoo 3780

MENOMINEE

Alexander Bros, Leather Belting (Northern Hardware & Supply Co) 501 Grand av .....Menominee 400-F-1

SAULT STE MARIE

Alexander Bros, Leather Belting (Soo Hardware Co) 300 Ashmun.....Sault Ste Marie 486

MINNESOTA

MINNEAPOLIS

Alexander Bros, Leather Belting (Northern Machinery Co) 503 S 6th.Bell-Main 514 Tri State 38351

ST PAUL

Alexander Bros, Leather Belting (Robinson, Cary & Sands Co) 4th and Wacouta.....Bell-Cedar 3740 Tri State 21378

MISSOURI

ST LOUIS

Alexander Bros Leather Belting (Day Rubber Co) 415 N 4th.....Main 3608

MONTANA

BUTTE

Alexander Bros Leather Belting (Montana Hardware Co) Penn blk.....Butte 514

NEBRASKA

LINCOLN

Alexander Bros Leather Belting (Western Supply Co), 820 N.....Lincoln B-1150

OMAHA

Alexander Bros Leather Belting (American Supply & Machy Co), 1102 Farnam..Douglas 1273

NEW JERSEY

BAYONNE

Duryea Manufacturing Co, Ave C & 2d....Bayonne 1800
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NEWARK

Alexander Bros, Leather Belting (Ludlow & Squier) 97 Market.....Mulberry 2230
Rossendale-Reddaway Belting & Hose Co The, 32 Euclid av.....Mulberry 1410

PATERSON

Alexander Bros, Leather Belting (Fischer & Bond) R R av.....Paterson 2790

NEW YORK

BUFFALO

Alexander Bros, Leather Belting (Hendee-Connor Co) 64 Pearl.....Seneca 2742

ELMIRA

Alexander Bros, Leather Belting (Horton Machine Wks) 104 W 4th.....Elmira 325-J

JAMESTOWN

Alexander Bros, Leather Belting (C A Lundquist & Co) 2 S Main.....Jamestown 449

NEW YORK CITY

Agrippa Manufacturing Corporation, 149 Broadway .....Cortland 6703
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Alexander Bros, 149 Broadway.....Cortland 4750
Alexander Bros, Leather Belting (Peter A Frasse & Co) 417 Canal.....Spring 9720
Alexander Bros, Leather Belting (Patterson Bros), 27 Park Row .....Barclay 8320
Central Belting Co (Manufacturers, (not Agents) "Atlas" Oak Tanned for all kinds of Machinery, "Water King" water, oil, steam, acid proof), 151 Lafayette.....Canal 8576
Fabric Leather Belting Company The, (Substitute for Leather Belting. Leather faced Cotton body. Costs less. Impervo, inter-woven cotton, treated water and acid proof) 203 Pearl .....John 5496
Reinhold Belting & Supply Co, 499 Atlantic av, Bklyn .....Main 5434
Sugrue Bros, (Manufacturers of Oak Tanned Leather Belting) 373 Canal.....Canal 3747

SCHENECTADY
Alexander Bros Leather Belting (Clark Witbeck Co), 416 State.....Schenectady 3550

UTICA
Alexander Bros, Leather Belting (Chas Millar & Son Co) 501 Main.....Utica 4000

NORTH CAROLINA

CHARLOTTE
Alexander Bros, Leather Belting (The Textile Mill Supply Co), 51 S College.....Charlotte 2781
Charlotte Leather Belting Co, Fifth & Graham.....Charlotte 1027

GREENSBORO
Alexander Bros Leather Belting (Odell Hardware Co) S Elm.....Greensboro 1800

WILMINGTON
Alexander Bros, Leather Belting (Standard Supply Co), Castle Hayne rd....Wilmington 400

OHIO

AKRON
Alexander Bros, Leather Belting (Mill & Mine Supply Co).....Bell-Portage 800 Ohio State 5308

CINCINNATI
Alexander Bros, Leather Belting (The Wirthlin-Mann Co) 318 W 3d.....Main 3380
Atlas Rubber & Belting Co The, 312-314 Walnut.....Main 377

CLEVELAND
Alexander Bros, Leather Belting (The W Bingham Co), 1278 W 9th.....Main 6420

COLUMBUS
Alexander Bros, Leather Belting (The Ross Willoughby Co) 178 N 3d....Bell-Main 4754 Ohio State 5957

DAYTON
Alexander Bros, Leather Belting (The M D Larkin Supply Co), 116 N Main.....Main 4353

NEWARK
Alexander Bros, Leather Belting (Universal Supply Co), 122 E Main...Bell-Main 665-W Automatic 1211

ST MARYS
Alexander Bros, Leather Belting (Jaspersen Supply Co) 112-114 E Spring.....St Marys 491

TOLEDO
Alexander Bros, Leather Belting (The M I Wilcox Co), 210 Water.....Bell-Main 25 Ohio State 7522

PENNSYLVANIA

ERIE
Alexander Bros, Leather Belting (Stirling-Warfel Mill Supply Co), 12th & French.Erie 306

LANCASTER
Alexander Bros, Leather Belting (Manufacturers Assn of Lancaster), Woolworth bldg.....Lancaster 998

PHILADELPHIA
Alexander Bros, 414 N 3d.....Bell-Market 2783
.....Keystone-Main 4196
Alexander Bros, Leather Belting (Fifer & Beatty) Front & Lehigh av....Kensington 1676
Alexander Bros Leather Belting (Sees & Faber) 2008 N Front.....Kensington 5140

PHOENIXVILLE
Alexander Bros, Leather Belting (Benjamin Hardware Co The), 207 Bridge..Phoenixville 89

SCRANTON
Alexander Bros, Leather Belting (The Bittenbender Co), 132 Franklin av.....Scranton 4800

WILLIAMSPORT
Alexander Bros, Leather Belting (E Keeler Co) 238 West.....Williamsport 920

SCOTLAND

GLASGOW
Alexander Bros, Leather Belting (Andrew McLean Co).....

SOUTH CAROLINA

ANDERSON
Alexander Bros, Leather Belting (Sullivan Hardware Co), 210 S Main.....Anderson 261

TENNESSEE

BRISTOL
Alexander Bros, Leather Belting (Interstate Hardware & Supply Co) 210 State...Bristol 3

KNOXVILLE
Alexander Bros, Leather Belting (C M McClung & Co) W Jackson av.....Knoxville 2600

MEMPHIS
Reed & Duecker, 218-220 N Front.....Main 1645

TEXAS

AUSTIN
Alexander Bros, Leather Belting (The Walter Tips Co), 208 Congress av.....Austin 174

BEAUMONT
Alexander Bros, Leather Belting (E L Wilson Hardware Co), 339 Pearl.....Beaumont 29

EL PASO
Alexander Bros, Leather Belting (J E Robertson & Co), 811 Mills B.....El Paso 90

SHERMAN
Alexander Bros, Leather Belting (Hardwicke Etter Co).....Sherman 25

UTAH

SALT LAKE CITY
Alexander Bros, Leather Belting (The Galigher Machinery Co), 103 W 2d S.....Main 584

WASHINGTON

ABERDEEN
Mill & Logging Supply Co, Corner Hume & G Sts.....Aberdeen 291

SEATTLE
Alexander Bros, Leather Belting (Mill & Mine Supply Co), 317 1st S.....Main 1167

WISCONSIN

LA CROSSE
Alexander Bros, Leather Belting (LaCrosse Plumbing Supply Co), 216 S Front.La Crosse 260

MILWAUKEE
Alexander Bros, Leather Belting (Ph Gross Hdw Co), 218, 3d.....Grand 1116

BELTING, (MNFRS.)

MICHIGAN

DETROIT
Higrade Belting & Weaving Co, "I Wana" Hair Belting, Congress bldg.....Cherry 3110

BELTING-BALATA-MNFRS.

PENNSYLVANIA

MANHEIM
Manheim Mfg & Belting Co, Bell-Manheim 41-1
.....Independent 648-X

BELTING, COTTON

ILLINOIS

CHICAGO
Gump B F Co, 431-437 S Clinton.....Wabash 965

NEW YORK

NEW YORK CITY
Boyle John & Co Inc, 112 Duane.....Worth 4770

OHIO

CINCINNATI
Buettner Chas H Co The, 1926 West Eighth.....West 4536

BELTING, ENDLESS, FLAT, AUTOMOBILE

INDIANA

MADISON
Brophy Belting & Supply Co (For Maxwell, Ford, Hudson, Mitchell & others).....Madison 223

BELTING, LEATHER

ARKANSAS

LITTLE ROCK
Detroit Oak Belting Co, (Central Supply Co), 201 E Markham.....Main 2789

COLORADO

DENVER
Detroit Oak Belting Co, (Hendrie & Bolthoff Machinery & Supply Co), 1639, 17th...Main 75

FLORIDA

JACKSONVILLE
Detroit Oak Belting Co, (Georgia Supply Co) 821 E Bay.....Bell-Jacksonville 2147 Home-M 1692

GEORGIA

ATLANTA
Detroit Oak Belting Co, Hurt bldg.....Ivy 4751

SAVANNAH
Detroit Oak Belting Co (Savannah Supply Co) 301 Bay W.....Savannah 3805

ILLINOIS

CAIRO
Detroit Oak Belting Co (Reed Hardware & Manufacturing Co) 1005 Ohio.....Cairo 151

CHICAGO
Detroit Oak Belting Co (Geo B Carpenter & Co) 110 N Wells.....Franklin 3344
Street R R & Co, Inc, 541-557 W Washington.....Franklin 3450

INDIANA

MUNCIE
Detroit Oak Belting Co (Geo Keiser & Co) 516 S Walnut.....Muncie 46

KENTUCKY

LOUISVILLE
Detroit Oak Belting Co (Chas L V Frank & Co) 110 N 5th.....Main 2098-Y

LOUISIANA

ALEXANDRIA
Detroit Oak Belting Co (Brown-Roberts Hardware & Supply Co) S 3d.....Alexandria 660

MICHIGAN

DETROIT
Detroit Oak Belting Co, 266 Wight....Edgewood 962
Detroit Oak Belting Co (H D Edwards & Co) 18 Woodward.....Main 1001

LANSING
Detroit Oak Belting Co (Michigan Supply Co) Grand and Ottawa.....Lansing 8

MUSKEGON
Detroit Oak Belting Co (Towner Hardware Co) 45 W Western av.....Muskegon 2653

NEW YORK

BUFFALO
Detroit Oak Belting Co (Peerless Mill Supply Co) 25 Terrace.....Seneca 4785

WATERTOWN
Detroit Oak Belting Co (W C Stebbins) 117 Anthony.....Watertown 100

MISSOURI

ST LOUIS
Union Belting Co, 400-402 N Second.....Main 3838

OHIO

CINCINNATI
Detroit Oak Belting Co (Vulcan Supply Co) 120 Sycamore.....Main 1068

CLEVELAND
Detroit Oak Belting Co, Wade bldg.....Main 3425

DAYTON
Detroit Oak Belting Co (The Patterson Tool & Supply Co) 123-5 E 3d....Bell-Main 4531 Ohio State 6452

BELTING, LEATHER—CONT'D

OHIO

TOLEDO

Detroit Oak Belting Co (Hardy & Dischinger Co) 206-208 Water.....Main 98

PENNSYLVANIA

HAZLETON

Detroit Oak Belting Co (Hazleton Machinery & Supply Co) 244 W Broad.....Hazleton 106

PHILADELPHIA

Bond Charles Company, 520 Arch.....Market 3249

SOUTH CAROLINA

CHARLESTON

Detroit Oak Belting Co (The Bailey-Lebby Co) 182 Meeting.....Charleston 364

GREENVILLE

Detroit Oak Belting Co (Carolina Supply Co), W Court.....Greenville 374

TENNESSEE

MEMPHIS

Detroit Oak Belting Co (N O Nelson & Co) Madison and Sou Ry.....Main 3465

TEXAS

BEAUMONT

Detroit Oak Belting Co (E L Wilson Hardware Co) 339 Pearl.....Beaumont 29

VIRGINIA

NORFOLK

Detroit Oak Belting Co (Empire Machinery & Supply Corporation) 36 Commercial pl .....Norfolk 942

WEST VIRGINIA

CLARKSBURG

Detroit Oak Belting Co (Williams Hardware Co) 507 Baltimore.....Clarksburg 890

THE HAWAIIANS

HONOLULU AND HILO

Detroit Oak Belting Co (Theo D Davies & Co Ltd).....

BELTING, LEATHER (MNFRS. REPAIRERS & CLEANERS OF)

TENNESSEE

CHATTANOOGA

Chattanooga Belting & Supply Co, 1257 Market .....Main 938

BELTING—LEATHER, RUBBER, BALATA AND CANVAS

ILLINOIS

CHICAGO

Clinton Supply Co, 117 S Clinton.....Main 5064
Gump B F Co, 431-437 S Clinton.....Wabash 965

INDIANA

INDIANAPOLIS

Taylor Belting Co, 247 South Meridian .....Bell-Main 412 Automatic 21-412

MASSACHUSETTS

BOSTON

Carton Belting Company, 52 Everett..Brighton 58

NEW YORK

SYRACUSE

Onondaga Belting & Supply Co, 362 W Fayette .....Warren 1302-W

TEXAS

HOUSTON

Southern Rubber & Belting Co, 517 Washington av .....Preston 4392

BELTING—LEATHER, RUBBER CANVAS, SECOND HAND

ILLINOIS

CHICAGO

Passman Bros, 80 S Green.....Monroe 6960

BELTING, LEATHER, RUBBER, CANVAS & WHITE COTTON

OHIO

AKRON

Akron Belting Co, The, 70-74 Canal....Bell-Main 240
.....Ohio-State 1240

BELTING MFRS. "V" BELTING

IOWA

CEDAR RAPIDS

Craig Mfg Co, 16th & H ave E.....Cedar Rapids 3044

BELTING—ROUND SEWING MACHINE BELTING

WISCONSIN

MILWAUKEE

Western Rawhide & Belting Co, 600 South Pierce .....Hanover 394

BELTING, SOLID WOVEN

NEW YORK

NEW YORK CITY

Agrippa Manufacturing Corporation, 149 Broadway .....Cortland 6703
See our Catalog Space, page 922

BELTING, SOLID WOVEN COTTON

ILLINOIS

CHICAGO

Stanley Belting Corp (Sole U S Agents for Stanley Belting for Transmission and Conveyor Purposes), 32-40 S Clinton.Franklin 4364

INDIANA

HAMMOND

McIlroy Belting & Hose Co The.....Hammond 494

BELTING, STITCHED CANVAS MFRS.

INDIANA

HAMMOND

McIlroy Belting & Hose Co The.....Hammond 494

PENNSYLVANIA

MANHEIM

Manheim Mfg & Belting Co.....Bell-Manheim 41-1
.....Independent 648-X

BELTING, TAPES, SHOE LACES AND WEBBING

NEW YORK

NEW YORK CITY

American Cord & Webbing Co, 105 Hudson.Franklin 4109

BELTING—WATERPROOF

PENNSYLVANIA

PHILADELPHIA

Etsweiler Wm & Co, 230 N 3d .....Bell-Market 458 Keystone-Main 209

BELTING—WIRE CONVEYOR

ILLINOIS

CHICAGO

Page Steel & Wire Co, 175 W Jackson bl.Harrison 1197

MICHIGAN

ADRIAN

Page Steel & Wire Co, Adrian.....Adrian 116

DETROIT

Page Steel & Wire Co, 660 Fort st W.....West 1621

NEW YORK

NEW YORK CITY

Page Steel & Wire Co, 80 Church.....Cortland 3541

PENNSYLVANIA

MONESSEN

Page Steel & Wire Co, Pittsburgh, Pa.....Grant 1694

PITTSBURGH

Page Steel & Wire Co, Union Arcade.....Grant 4467

BELTING, WOVEN

NEW JERSEY

NEWARK

Rossendale-Reddaway Belting & Hose Co The, 32 Euclid av .....Mulberry 1410

BELTS

NEW YORK

NEW YORK CITY

Belt & Specialty Manufacturing Corp (Frankenthaler & Frankenthaler) 622-626 Bway .....Spring 9858
See our Catalog Space, page 1001

BELTS (WOMEN'S AND CHILDREN'S)

NEW YORK

NEW YORK CITY

Moos Herbert, 36 East 21st st.....Gramercy 1174
Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

BENCH LEGS—CAST IRON

ILLINOIS

NORTH CHICAGO

Chicago Foundry & Hardware Co, Ft Commonwealth av .....North Chicago 577

NEW JERSEY

GARWOOD

Garwood Bronze & Iron Works, 312 North av .....Westfield 762-W

BENCH MILLING MACHINES, MNFRS.

ILLINOIS

CHICAGO

Wright David A 568 W Washington bl...Franklin 5899

BENCH STOPS, SAWSETS, NAIL-PULLERS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

BENCH TAPPING MACHINES

ILLINOIS

CHICAGO

Partridge E O, 2039-2049 W Lake.....West 2039

BERTHS & BUNKS (SHIP) METALLIC & WOOD

NEW YORK

NEW YORK CITY

Atlantic Sales Co, 29 Broadway.....Whitehall 979

BESSEMER STEEL BILLITS AND WIRE RODS—MNFRS.

KENTUCKY

ASHLAND

Ashland Steel Co, Ashland.....Ashland 47

BETA NAPTHOL

NEW YORK

NEW YORK CITY

Tower Chemical Co, Inc, 258 Broadway...Barclay 4777

BEVELING, CARDS, STATIONERY, ETC.

NEW YORK

NEW YORK CITY

Marchetti R & Bro, 35 Great Jones.....Spring 7040

BEVELS (WOOD & IRON) MFRS.

CONNECTICUT

SOUTHINGTON

Southington Hardware Co, 168 Center st.Southington 52

BIAS BINDINGS & BELTING

NEW YORK

NEW YORK CITY

Friedman J H, (Seam Bindings and Skirt Belting) 109-111 W 27th.....Farragut 2230

BIAS BINDINGS AND TAPES

ILLINOIS

CHICAGO

Bias Narrow Fabric Co The, Brooks bldg, 223 W Jackson bl.....Wabash 2741

MASSACHUSETTS

BOSTON

Bias Narrow Fabric Company The, 70 Kilby .....Fort Hill 647

NEW YORK

NEW YORK CITY

Bias Narrow Fabric Company The, 65 Worth .....Franklin 336

BIAS FOLD TAPES FOR BINDINGS, TRIMMINGS, ETC.

NEW YORK

NEW YORK CITY

Freydberg Bros Inc, 44-46-48 W 18th....Chelsea 4341

BIBLE SCHOOLS

NEW YORK

NEW YORK CITY

Bible Teachers Training School (Graduate Bible School—Interdenominational, International) 541 Lexington av.....Plaza 8521

BICHROMATES

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av .....Orchard 8346

BICHROMATES—POTASH AND SODA

NEW YORK

NEW YORK CITY

Van Brunt J A & Co, Inc 114 John.....John 1982

BICYCLE FRAMES AND PARTS

OHIO

CLEVELAND

Standard Parts Co, The, Hickox bldg.....Main 6933

BILL POSTERS

ILLINOIS

CHICAGO

American Posting Service, 757 W Jackson bl .....Monroe 1963

TENNESSEE

NASHVILLE

Sheelz W A Poster Advertising Co, 623½ Church .....Main 4986

BILLETS

KENTUCKY

NEWPORT

Andrews Steel Co, 9th and Lowell.....South 3151

BILLIARD & COMPOSITION POOL BALLS, TURNED & RECOLORED

NEW YORK

NEW YORK CITY

Rutgisky Isidor (Manufacturers of Ivory & Buckhorn Cue Tips) 362 Bowery....Spring 2891

BILLIARD SUPPLIES

NEW YORK

NEW YORK CITY

Grote F & Hubbell Co Inc, 80 & 82 Fourth av .....Stuyvesant 2373
(Chicago Branch, 701-703 S LaSalle.Wabash 6898)

BILLIARD SUPPLIES—MNFRS.

ILLINOIS

CHICAGO

Spinks William A & Co, 362 W Erie.....Superior 122

BILLIARD TABLE MNFRS. AND DEALERS IN SUPPLIES

MISSOURI

KANSAS CITY

International Billiard Table Co, Coca Cola bldg 22d and Grand.....Bell-Grand 3628
Home-Main 1585

NORTH CAROLINA

GREENSBORO

Greensboro Billiard Mnfg Co, 508 to 510 S Elm st .....Greensboro 1637

BILLIARD TABLE POCKETS & FRINGE

NEW YORK

NEW YORK CITY

Maag Edward, 32-46 W 23d.....Gramercy 5234

BILLIARD TABLES & SUPPLIES

ILLINOIS

CHICAGO

Brunswick-Balke-Collender Co The, 623-625 S Wabash av.....Harrison 6220
Kadin Henry & Co, 1823 Milwaukee av.Humboldt 4886

MASSACHUSETTS

BOSTON

Briggs Oliver L & Son, 66 Essex.....Beach 891

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d .....Bell-Cedar 2640
Tri State 26726

NEW YORK

NEW YORK CITY

Brunswick-Balke-Collender Co of N Y The, 29 W 32d .....Madison Sq 6180

BINDERS

ILLINOIS

MOLINE

Desaulniers & Co, Caxton blk.....Moline 215

NEW YORK

NEW YORK CITY

Gem Binder Co The, 65 W Broadway....Barclay 5927

SYRACUSE

Syracuse Press Inc The, 205-213 Walton..Warren 128

BINDERS FOR MAGAZINES AND NEWSPAPERS

NEW YORK

NEW YORK CITY

Universal Binder The, 7 East 14th.....Stuyvesant 2639

BINDERS, LOOSE LEAF

NEW YORK

NEW YORK CITY

Business Systems Co, 104 Beekman....Beekman 2671
National Blank Book Co, 52-58 Duane...Worth 4120

BINDERS, MAGAZINE

ILLINOIS

CHICAGO

Barrett Bindery Co The, 732 Federal.....Wabash 4712

NEW YORK

NEW YORK CITY

Ball Library Service Inc, 347, 5th av...Murry Hil 4962

BINDINGS—BIAS

CALIFORNIA

SAN FRANCISCO

Omo Mfg Co (Degraff & Palmer), 50 Sansome .....Sutter 6120

COLORADO

DENVER

Omo Mfg Co, (De Graff & Palmer) Foster bldg .....Champa 2492

CONNECTICUT

MIDDLETOWN

Omo Mfg Co The, 51 Walnut.....Middletown 1163

ILLINOIS

CHICAGO

Omo Mfg Co, (DeGraff & Palmer) 223 W Jackson bl .....Wabash 4123

MASSACHUSETTS

BOSTON

Omo Mfg Co, (DeGraff & Palmer) 67 Chauncey .....Beach 380

NEW YORK

NEW YORK CITY

Omo Mfg Co, (DeGraff & Palmer) 881 Broadway .....Gramercy 267

BINDINGS & TAPES

ILLINOIS

CHICAGO

Barton F C (Specialist in narrow fabrics, every description) Brooks bldg, 223 W Jackson bl.....Wabash 2741

MASSACHUSETTS

BOSTON

Barton F C (Specialist in narrow fabrics, every description) 70 Kilby.....Fort Hill 647

NEW YORK

NEW YORK CITY

Barton F C (Specialist in narrow fabrics, every description) 65 Worth.....Franklin 336
Bedell E W, 21-23 Mercer.....Canal 3822
Bliss Wm B Jr & Co, 114-5th av.....Chelsea 8283
Gates Thos B M, (Bindings, Braids, Tapes, Corset and Shoe Laces. All kinds of narrow woven fabrics) 315, 4th av cor 24th.Gramercy 4629
Hamilton J H & Co, (Tapes, Carpet Bindings, Webs, Upholstery Materials) 25 White .....Franklin 103

BIOLOGICAL SUPPLIES

MASSACHUSETTS

BOSTON

Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

BIRD CAGE MANUFACTURERS

NEW YORK

NEW YORK CITY

Lindemann O & Co, 35-37 Wooster.....Canal 3762

BIRD HOUSES, MNFRS.

ILLINOIS

CHICAGO

Chicago Curtain Stretcher Co, 3725 Wall..Yards 4349

BIRDS & PETS

CALIFORNIA

SAN DIEGO

San Diego Bird Store, 1194, 6th.....Main 2158

MICHIGAN

DETROIT

Ampletzer A, 806 Elmwood av.....
Detroit Bird Store, 231-233 Michigan av.Cherry 4597-J
Royce & Passmore, 201 Jefferson av E.....Main 2330

OHIO

CINCINNATI

Haller's Bird Store, 110S Vine st.....Canal 1200-Y
Market Pet Store, 227 W 6th.....Canal 3209
Smith's Pet Shop, 813 Madison av Covington Ky .....South 777-Y

DAYTON

Ideal Pet Shop, 1205 West 3d.....Main 4634

BISCUIT AND CONFECTIONERY MNFRS.

OREGON

PORTLAND

Tru-Blu Biscuit Co, East 6th and Davis sts...East 3616

BISMUTH

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
See our Adv., page 32 first page opposite Section 1

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

BITS AND CUTTERS FOR WOOD

ILLINOIS

CHICAGO

Woodworkers Tool Works, 230 S Clinton...Main 3804

BLACK BOARDS

NEW YORK

NEW YORK CITY

Atlas Seating Co, 10 E 43d.....Mury Hill 1384
Hammett J L Co, Bush Terminal bldg, Brooklyn .....Sunset 5825
Lundy Leigh, 101 Park av.....Vanderbilt 4880

BLACK BOARDS (ALL KINDS)

ILLINOIS

CHICAGO

Atlas School Supply Co, 531 S Peoria.Haymarket 7244
Nyhagen Reuben A, 14 E Jackson bl....Harrison 3088
Rowles E W A Co, 327 S Market.....Harrison 647

BLACK BOARDS (COMPOSITION)

ILLINOIS

CHICAGO

Caxton School Supply Co, 570 W Monroe.Franklin 4048

BLACKBOARDS, FOR STOCK AND GRAIN QUOTATIONS

ILLINOIS

CHICAGO

Bornhoft Eugene M, 209 S LaSalle... ..Market 2837

BLACKING MANUFACTURERS

MASSACHUSETTS

BOSTON

S & F Blacking Co, 258 Purchase.....Fort Hill 1531

NEW YORK

NEW YORK CITY

Bixby S M & Co, 46th st and 2d av Bklyn.Sunset 4400
Fulton Shoe Polish Co Inc, 289 Pearl....Beekman 3581

BLACKING MANUFACTURERS (COLORS)

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

BLACKS—CARBON OR GAS, BONE, IVORY, ETC.

NEW YORK

NEW YORK CITY

Binney & Smith Co, 81 Fulton.....Beekman 4020

BLACKSMITHING

ILLINOIS

CHICAGO

Chicago Iron & Steel Co, 738 Fulton.....Monroe 3612

BLANK BOLTS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolman av.....Albany 4010

BLANK BOOK MNFRS.

MASSACHUSETTS

HOLYOKE

National Blank Book Co.....Holyoke 3900

NEW YORK

NEW YORK CITY

Boorum & Pease Co, 84 Hudson av Bklyn..Main 7986
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National Blank Book Co, 52-58 Duane....Worth 4120

PENNSYLVANIA

ROARING SPRING

Roaring Spring Blank Book Co, Spring st .....Bell-Hollidaysbury 902-R-13 Independent 23-5

BLANK BOOKS AND LOOSE LEAF DEVICES

NEW YORK

NEW YORK CITY

Boorum & Pease Co, 84 Hudson av Bklyn..Main 7986
See our Catalog Space, page 923

BLANKET MANUFACTURERS (HORSE & BED)

NEW YORK

WESTBROOKVILLE

Ashworth's J E Sons, Westbrookville....Otisville 23-F-5

BLANKETS

NEW YORK

NEW YORK CITY

Tausend Felix, 576-578 Broadway.....Spring-2345

BLANKETS—STEAMER & HORSE

NEW YORK

NEW YORK CITY

Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916

BLAST FURNACES

PENNSYLVANIA

MIDLAND

Treadwell Construction Co Midland.....Midland 62

BLAST FURNACES—CONSTRUCTION AND DISMANTLING

ALABAMA

BIRMINGHAM

Crawford-Vaughan Boiler & Locomotive Works, 1405 Ave E South.....Main 6164

BLAST HEATING AND VENTILATING

ILLINOIS

CHICAGO

Haines Co The, 1933 W Lake.....Seeley 4023

BLAST PIPES

MARYLAND

BALTIMORE

Vaile & Young, Calvert and Beaufort.....St Paul 4713

BLASTING CAPS

CALIFORNIA

OAKLAND

California Cap Co, Bacon bldg.....Oakland 7354

BLASTING MACHINES

NEW YORK

NEW YORK CITY

New York Blasting Supply Co, 11 Broadway .....Bowling Green 8259

BLASTING MAT MANUFACTURERS

NEW YORK

NEW YORK CITY

Anchor Blasting Mat & Rope Co, (Close woven blasting mats, Brewery sidewalk mats and bumpers), 245 E 32d....Murray Hill 2043

BLASTING PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

BLASTING SUPPLIES AND EXPLOSIVES

ALABAMA

BIRMINGHAM

Du Pont de Nemours E I & Company, Brown-Marx bldg .....Main 5641

CALIFORNIA

OAKLAND

California Cap Co, Bacon bldg.....Oakland 7354

SAN FRANCISCO

Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640

COLORADO

DENVER

Du Pont de Nemours E I & Company, Ideal bldg .....Main 214

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Du Pont bldg.....Wilmington 1720

ILLINOIS

CHICAGO

Du Pont de Nemours E I & Company, McCormick bldg 332 S Michgan av..Harrson 6602

MINNESOTA

DULUTH

Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

MISSOURI

JOPLIN

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

ST LOUIS

Du Pont de Nemours E I & Company, Wright bldg .....Main 3545

NEW YORK

NEW YORK CITY

Du Pont de Nemours E I & Company, Equitable bldg 120 Bway .....Rector 5720

PENNSYLVANIA

PITTSBURGH

Du Pont de Nemours E I & Company, May bldg .....Grant 6810

SCRANTON

Du Pont de Nemours E I & Company, Traders National Bank bldg.....Scranton 2560

WASHINGTON

SEATTLE

Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

WEST VIRGINIA

HUNTINGTON

Du Pont de Nemours E I & Company, Robson-Prichard bldg .....Huntington 336

BLEACH

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av .....Orchard 8346

BLEACHING, MERCERIZING AND FINISHING

NEW JERSEY

LODI

Millbank Bleachery, Millbank st .....Passaic 420

BLEACHING POWDER

NEW YORK

NEW YORK CITY

Thomson J M & Co Inc, 521 Broome.....Spring 3720

BLINDS, VENETIAN

CALIFORNIA

LOS ANGELES

Western Blind & Screen Co, 2700 Long Beach av.....Manual-South 3643

SAN FRANCISCO

Western Blind & Screen Co, Hearst bldg..Douglas 4353

NEW YORK

NEW YORK CITY

Western Blind & Screen Co, 103 Park av Vanderbilt 2568

TEXAS

EL PASO

Western Blind & Screen Co, Mills bldg....El Paso 1961

UTAH

SALT LAKE CITY

Western Blind & Screen Co, Boston bldg.Wasatch 4751

WASHINGTON

SEATTLE

Western Blind & Screen Co, 911 Western av.Main 4575

BLOCK CUTTERS & DESIGNERS

NEW JERSEY

TRENTON

Cartwright Co The, Inc 219 Monmouth...Trenton 6228

BLOCKS—(WIRE ROPE)

ILLINOIS

CHICAGO

National Equipment Co, 125-127 S Racine av .....Monroe 4036

BLOOD TONIC

OREGON

PORTLAND

Lange H W & Son (Send for free valuable information), Box 1072.....Main 2378

BLOTTING PADS (LEATHER, BRASS AND GLASS)

NEW YORK

NEW YORK CITY

Sainburg L & Son, 65-67 W Houston.....Spring 9842

BLOW PIPE ENGINEERS

ILLINOIS

CHICAGO

Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

BLOW PIPE ENGINEERS & MFRS.

ILLINOIS

CHICAGO

Vortex Blow Pipe Co, 6215 Wentworth. Englewood 3109

BLOW PIPE MNFRS

ILLINOIS

CHICAGO

Cyclone Blow Pipe Co, 2542-2552 W 21st ..... Lawndale 1910
Invincible Blow Pipe Co The, 2527-31 Homer ..... Humboldt 9049
U S Blow Pipe & Dust Collecting Co, 216 N Washtenaw av ..... West 47
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LOUISIANA

NEW ORLEANS

National Blow Pipe & Mfg Co, Ltd, Fans, Dust Collectors & Blow Piping, 738 Dryades ..... Main 4265

NEW YORK

NEW YORK CITY

Century Ventilating Co Inc, 257 Third av. Gramercy 4560

BLOW PIPE & SHAVING SYSTEMS DESIGNED & INSTALLED

OHIO

CINCINNATI

Phillips H & Co, 523 W 8th ..... West 4346

BLOW TORCHES AND PLUMBER'S FURNACES—MFRS.

INDIANA

TIPTON

Oakes Manufacturing Co The, 216 W Dearborn ..... Tipton 654

BLOWER AND BLOW PIPING

CALIFORNIA

SAN FRANCISCO

Rees Blow Pipe Manufacturing Co, 340, 7th ..... Market 3345

ILLINOIS

CHICAGO

Cyclone Blow Pipe Co, 2542-2552 W 21st ..... Lawndale 1910

BLOWERS

MASSACHUSETTS

WORCHESTER

Coppus Engineering & Equipment Co, 340 Park av ..... Park 5327

NEW YORK

NEW YORK CITY

Beggs James & Co, 36 Warren ..... Barclay 5040
Crowell Manufacturing Co, 296-298 Taafe pl B'klyn ..... Prospect 3590
Standard Sheet Metal Works (Manufacturers of Exhaust Systems, Every Description) 1 Canal pl ..... Melrose 9412

BLOWERS (ELECTRIC FORGE) AND AIR PUMPS

NEW YORK

NEW YORK CITY

Fuchs Otto A, 201 E 47th ..... Murray Hill 4522

BLOWERS (TURBINE)

NEW YORK

NEW YORK CITY

Wing L J Mfg Co, 352-362 West 13th ... Chelsea 7465

BLOWERS AND EXHAUST FANS MNFRS

ILLINOIS

CHICAGO

Batterman, Truitt Co, 18-20 E Kinzie ... Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting. Superior 3433

INDIANA

INDIANAPOLIS

Ilg Electric Ventilating Co, Bd of Trade bldg. Main 1077

MASSACHUSETTS

BOSTON

Ilg Electric Ventilating Co, 136 Federal .. Fort Hill 6454

MICHIGAN

DETROIT

Ilg Electric Ventilating Co, 25 Montcalm av W ..... Cherry 5231

MINNESOTA

MINNEAPOLIS

Ilg Electric Ventilating Co, 17 S Sixth .... Main 1269

MISSOURI

ST LOUIS

Ilg Electric Ventilating Co, Syndicate Trust bldg ..... Olive 1515

NEW YORK

NEW YORK CITY

Batterman, Truitt Co (C O Hall) 147-149 W 35th ..... Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row. Cortland 8739
Wing L J Mfg Co, 352-362 West 13th ... Chelsea 7465

OHIO

CLEVELAND

Ilg Electric Ventilating Co, Schofield bldg .. Main 776

PENNSYLVANIA

PHILADELPHIA

Ilg Electric Ventilating Co, Commercial Trust bldg ..... Spruce 2099

PITTSBURGH

Ilg Electric Ventilating Co, Union Arcade ... Grant 4325

BLOWERS & EXHAUST FANS MANUFACTURED & INSTALLED

ILLINOIS

CHICAGO

Invincible Bow Pipe Co The, 2527-31 Homer ..... Humboldt 9049

NEW YORK

BUFFALO

Bicalky Fan Co, 866 Prospect av ..... Tupper 5164-J

BLOWERS FORCED DRAFT—FOR UNDER GRATES

PENNSYLVANIA

CHAMBERSBURG

Hafer Foundry & Machine Wks 707 Fair Ground av ..... Bell-Chambersburg 307-Y Independent 438-Y

BLOWERS, HAND & POWER

ILLINOIS

CHICAGO HEIGHTS

Canedy Otto Mfg Co, ... Chgo Hghts 36

BLOWERS, POSITIVE, ROTARY AND FAN TYPE

ILLINOIS

CHICAGO

Dyar Hugh W, 140 S Dearborn ..... Central 3066

BLOWERS, ROTARY, POSITIVE PRESSURE

NEW YORK

NEW YORK CITY

Crowell Manufacturing Co, 296-298 Taaffe pl Bklyn ..... Prospect 3590

PENNSYLVANIA

POTTSTOWN

Wilbraham-Green Blower Company, S Kleim & P & R R R ..... Pottstown 620

BLOWN OILS

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway ..... Whitehall 240

BLUE & BLACK PRINTS

CONNECTICUT

NEW HAVEN

Blue Print Company The, 82 Church ..... Liberty 1240

MASSACHUSETTS

BOSTON

Associated Architects Printing & Supply Co (Gelitho Reproduction Process on Tracing Cloth), 144 Congress .... Fort Hill 4013

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade. Worth 600

BLUE AND BLUING

NEW YORK

NEW YORK CITY

Fischer C H & Co Inc, 111 Reade ..... Worth 1542
Reckitts (U S A) Ltd, 90 W Bway ..... Barclay 6675

BLUE PRINT DRYER MANUFACTURERS

NEW YORK

NEW YORK CITY

Revolute Machine Co, 417 E 93d ..... Lenox 6984

BLUE PRINT FILING CABINETS (WOOD AND STEEL)

CALIFORNIA

SAN FRANCISCO

Pease C F Company The (W P Balderston, West Repr) 235 Montgomery ..... Kearney 2354

ILLINOIS

CHICAGO

Pease C F Company The, 166 W Adams. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

NEW YORK

NEW YORK CITY

Pease C F Company The (T K Murney, East Sales Mgr) 30 Church..... Cortland 684

WASHINGTON

SEATTLE

Pease C F Company The (Chas E Barteau, N W Rep) Central bldg..... Elliott 2332

BLUE PRINT MACHINE MANUFACTURERS

DISTRICT OF COLUMBIA

WASHINGTON

Revolute Machine Co, (Leet Bros Agt) 723-725, 14th st N W..... Main 308

ILLINOIS

CHICAGO

Revolute Machine Co (Crofoot Neilsen & Co Agts) 180 W Washington..... Main 759

MASSACHUSETTS

BOSTON

Revolute Machine Co (B L Makepeace Agt) 387 Washington..... Fort Hill 2372

MINNESOTA

MINNEAPOLIS

Revolute Machine Co (Rogers & Co) 521 Marquette av ..... Main 2230

NEW YORK

NEW YORK CITY

Revolute Machine Co, 417 E 93d st..... Lenox 6984

OHIO

CLEVELAND

Revolute Machine Co (The Dodd Co Agt) 1986 E 6th ..... Main 1334

PENNSYLVANIA

PITTSBURGH

Revolute Machine Co (B K Elliot Agt) 126, 6th ..... Court 3608

BLUE PRINT MACHINERY

CALIFORNIA

SAN FRANCISCO

Pease C F Company The (W P Balderston, West Rep) 235 Montgomery..... Kearney 2354

ILLINOIS

CHICAGO

Pease C F Company The, 166 W Adams. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

NEW YORK

NEW YORK CITY

Pease C F Company The (T K Murney, East Sales Mgr) 30 Church..... Cortland 684

WASHINGTON

SEATTLE

Pease C F Company The, (Chas E Barteau, N W Rep) Central bldg..... Elliott 2332

BLUE PRINT PAPER

CALIFORNIA

SAN FRANCISCO

Pease C F Company The (W P Balderston, West Rep) 235 Montgomery..... Kearney 2354

ILLINOIS

CHICAGO

Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade. Worth 600
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church..... Cortland 684

WASHINGTON

SEATTLE

Pease C F Company The (Chas E Barteau N W Rep) Central bldg..... Elliott 2332

BLUE PRINT SENSITIZING MACHINES

CALIFORNIA

SAN FRANCISCO

Pease C F Company The (W P Balderston, West Rep) 235 Montgomery..... Kearney 2354

ILLINOIS

CHICAGO

Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

NEW YORK

NEW YORK CITY

Pease C F Company The (T K Murney, East Sales Mgr) 30 Church..... Cortland 684

WASHINGTON

SEATTLE

Pease C F Company The (Chas E Barteau N W Rep) Central bldg..... Elliott 2332

BLUE PRINTING EQUIPMENT

NEW YORK

ROCHESTER

Paragon Machine Co The, 77 South av.. Bell-Main 3999
..... Rochester-Stone 4383

BLUE PRINTS

ILLINOIS

CHICAGO

Huey Co The, 59 E Adams..... Harrison 4640
Pease C F Company The, 166 W Adams. Franklin 862

NEW YORK

NEW YORK CITY

Electro Sun Blue Print Company The, 27 Thames ..... Rector 5288
See our Catalog Space, page 924
Langton Company, 30 Church..... Cortland 6221
See our Catalog Space, page 994

OHIO

CINCINNATI

Prince L M Co, 108 W 4th..... Main 17

DAYTON

Dayton Blue Print & Supply Co The, Bell-Main 358
36-38 S Jefferson..... Ohio State 4858

SOUTH CAROLINA

CHARLESTON

Carolina Electric Blue Printers, 63 Broad st ..... Charleston 1778

WISCONSIN

MILWAUKEE

Otto F A, 307, 133, 2d ..... Grand 2504

BLUE PRINTS (SEPIA SOLAR PHOTO PRINTS)

OHIO

CLEVELAND

Acme Photo & Blue Printing Co The, 2056 E 4th ..... Main 5895

BLUE PRINTS & BLUE PRINT PAPER

MASSACHUSETTS

BOSTON

Modern Blue Print Co, 39 Court..... Fort Hill 65

MISSOURI

ST LOUIS

Ruckert Architect's Supply Co, Merchants-Laclede bldg ..... Main 5200

BLUE STONE

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av..... Orchard 8346

BLUING MNFRS. DRY POWDERED FORM

ILLINOIS

CHICAGO

Finger R Co The, 2905-07 W Madison.. Vanburen 2143

BOARD CLIPS (STRIPED WOOD AND TARBOARD)

NEW YORK

NEW YORK CITY

Sainburg L & Son, 65-67 W Houston..... Spring 9842

BOARDS—FRICTION

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av..... Gramrcy 5400

BOARDS—SHOE COUNTER AND INNERSOLE

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av..... Gramrcy 5400

BOAT BUILDERS

NEW YORK

NEW YORK CITY

Neptune Boat Works, (Wooden and Metallic, also Motor Boats) King and Dwight, Bklyn ..... Hamilton 1244

BOAT COVERS—CANVAS

NEW YORK

NEW YORK CITY

Columbus Mfg & Supply Co Inc, 830, 9th av ..... Columbus 7171

BOATS, MOTOR BOATS, LAUNCHES, ETC.

MICHIGAN

SAGINAW

Valley Boat Co, Saginaw ..... Saginaw 973

NEW YORK

BUFFALO

Elliott George F, 1888-1892 Niagara .... North 2003-W

BOATS STEEL ROW & MOTOR

OHIO

SALEM

Mullins W H Company The, Bell-Salem 800
Depot ..... Ohio State 355

BODIES—COMMERCIAL AUTOMOBILE

PENNSYLVANIA

MIFFLINBURG

Mifflinburg Body Co The ..... Mifflinburg 41-J 3

BODIES—METAL DUMP TRUCK

WISCONSIN

MILWAUKEE

Heil Company The, 26th & Montana avs. Orchard 990

BOILER COATINGS

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples bank bldg ..... Court 3057
See our Catalog Space, page 956

BOILER COMPOUND

ALABAMA

BIRMINGHAM

Bird-Archer Co The, (National Supply Co, Southern Representatives) Ave C & 22d ..... Main 4117

ILLINOIS

BLUE ISLAND

Hawk Eye Compound Co, 140th & Seeley av ..... Blue Island 816

CHICAGO

Bird-Archer Co The, Peoples Gas bldg .. Harrison 5417
Dearborn Chemical Company 332 S Michigan av ..... Harrison 3930
International Boiler Compound Co, 144-146 W Austin av ..... Franklin 1799
Sullivan Oil Co, 413 N Wells ..... Main 3612

CHICAGO HEIGHTS

Economy Scale Remover Co, 1608 Otto bl ..... Chgo Hghts 186
See our Catalog Space, page 924

MASSACHUSETTS

BOSTON

Bird-Archer Co The, 7 Water ..... Fort Hill 2745

MISSOURI

KANSAS CITY

Economy Laboratories New York Life bldg ..... Bell-Main 5088
..... Home-Main 5088

ST LOUIS

Arrow Boiler Compound Co, Commonwealth Trust bldg ..... Bell-Main 1334
..... Kinloch-Central 25
Bird-Archer Co The, Frisco bldg ..... Olive 2975
O'Brien-Northrop Oil & Chem Co, 308 N Commercial ..... Bell-Main 15
..... Kinloch-Central 929

NEW YORK

BINGHAMTON

Binghamton Boiler Compound Co, 330 Water st ..... Binghamton 1248-W

CORTLAND

Cortland Specialty Co The, 174 Railroad. Cortland 155

NEW YORK CITY

Bird-Archer Co The, 90 West ..... Rector 3618
Dearborn Chemical Company, 299 Broadway. Worth 236
Elimoscale (Complies with United States Navy Specifications) 120 Broadway .... Rector 9174
Straus Boilerine Co, 50 Church ..... Cortland 757

OHIO

CLEVELAND

State Mfg Co, (Mefla-Cota), 3545 E 76th ..... Broadway 997-J

PENNSYLVANIA

PHILADELPHIA

Bird-Archer Co The, 4337 North American. Tioga 5309
Lord George W Co, 2238 N 9th ..... Diamond 6892

PITTSBURGH

Bird-Archer Co The, 1st Nat Bank bldg ... Court 3276

BOILER COMPOUND—METAL TREATMENT

ILLINOIS

CHICAGO

Perolin Company of America The, 1112-6 W 37th ..... Drover 391

MICHIGAN

DETROIT

Perolin Company of America The, White bldg ..... Cadilac 2163

MISSOURI

ST LOUIS

Perolin Company of America The, Railway Exchange bldg ..... Olive 857

NEW YORK

NEW YORK CITY

Perolin Company of America The, 233 Broadway ..... Barclay 7846

OHIO

TOLEDO

Perolin Company of America The, 308-316 Meridith bldg ..... Main 4286

BOILER COMPOUNDS (SAFE RELIABLE & EFFICIENT)

MINNESOTA

ST PAUL

Minnesota Boiler Compound Co, 248 W Fairfield av ..... Robey 632

BOILER CONTROLLERS

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples Bank bldg ..... Court 3057
See our Catalog Space, page 956

BOILER FIRE DOOR TILE

ILLINOIS

CHICAGO

McMillan James & Co, 114 Clarkson ct ... Garfield 8722

BOILER FLANGES

ILLINOIS

CHICAGO

Sundberg Company (Forged Steel Flanges for Boilers and Tanks) Kinzie & Carpenter. Monroe 573

BOILER FURNACES, FOR LOW GRADE FUELS AND WASTES

ILLINOIS

CHICAGO

Boiler Efficiency Engineers, 608 S Dearborn ..... Harrison 401

BOILER MAKERS

ARKANSAS

LITTLE ROCK

Bamberg & Sons Iron Works, East 10th & Fairview ..... Main 2227
Little Rock Boiler & Iron Works, 116 N Spring ..... Main 2975

ILLINOIS

BELLEVILLE

Southern Boiler Works, Race and 6th .... Belleville 108

CHICAGO

Acme Boiler & Tank Co, 48th and Aberdeen. Yards 7409
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland ..... Lincoln 4533
Downey T F Boiler Works, 321-323 W Austin av ..... Franklin 1949
Frost Mfg Co The, 112 W Adams ..... Central 3968
Kroeschell Bros Co, 440-472 W Erie .... Superior 8680
Lasker Iron Works, 3201-3299 Lincoln st. McKinley 3700
See our Catalog Space, page 924
Mohr John & Sons, 349 W Illinois ..... Main 1584
Page Boiler Company, 815 Larrabee ..... Superior 1592
Pfeiffer Boiler & Repair Works, 140 N Dearborn ..... Central 1311

INDIANA

INDIANAPOLIS

Chandler & Taylor Company, Addison & Big Four R R ..... Bell-Belmont 320
..... Automatic 39-316

MISSOURI

JOPLIN

Vaughan & Son, Boiler & Machinery Co, 512-516 Grand av ..... Home 455

NEW YORK

NEW YORK CITY

Beggs James & Co, 36 Warren ..... Barclay 5040
Godfrey Keeler Co, 70 Warren ..... Barclay 6775
Rowland & Burns, 39 Cortlandt ..... Cortland 3669

ROCHESTER

Flower City Boiler Co Inc, 382 Brown (Sunday and Holidays call Genesee 3714-W) ..... Bell-Main 5481
..... Rochester-Stone 7909

PENNSYLVANIA

PITTSBURGH

Rederer B S & Co, 407 Arrott bldg ..... Court 485

RHODE ISLAND

PROVIDENCE

Wholey Boiler Works, 105 Whipple ..... Union 437

TEXAS

BEAUMONT

Dollinger John Jr Inc, 1001 Railroad av. Beaumont 1267

WISCONSIN

MILWAUKEE

Milwaukee Reliance Boiler Works, 1102-30, 32d ..... Kilbourn 262

BOILER MAKERS ALSO TANK AND SHEET IRON WORKS

TENNESSEE

MEMPHIS

Bluff City Boiler & Tank Works, 19-23 E Railroad av ..... Main 5634

BOILER MAKERS & DEALERS

NEW YORK

NEW YORK CITY

Fogarty, Michael Inc 581 W 33d..... Greeley 3465
Olney Geo H & Co, 50 Church..... Cortland 3756

BOILER MAKERS AND REPAIRERS

ILLINOIS

DECATUR

Decatur Boiler & Welding Co, 1217 E Eldorado ..... Main 6901

CHICAGO

Corbett George E Boiler & Tank Co, 1832-1836 Cortland ..... Lincoln 4533

TEXAS

GALVESTON

Johnson B Boiler Maker & Repair Shop, 1621 Avenue A..... Galveston 1074

BOILER MAKERS REPAIRING A SPECIALTY

NEW YORK

NEW YORK CITY

Fogarty, Michael Inc, 581 W 33d..... Greeley 3465

BOILER MASONS

ILLINOIS

CHICAGO

Hillesheim Fred Chimney Construction Co, 434 Belden av ..... Diversey 2721

BOILER METAL CLEANERS

PENNSYLVANIA

YORK

merican Renoleo Company (Renoleo—Efficient scale cleaner and fuel saver, demonstrated free, used by U S and nationally known plants) 8 & 10 East Mason av..... York 416-R

BOILER PURGER AND OILS

MICHIGAN

DETROIT

oore's Oil & Vegetable Purger Co, 2665-67 East Grand boul..... North 4890

BOILER REPAIRS

ILLINOIS

CHICAGO

mler Boiler & Tank Co 3906 S Halsted..Yards 947

BOILER REPAIRS, ALL TYPES OF BOILERS

RHODE ISLAND

PROVIDENCE

Boiler Works, 392 Fountain..... Gaspee 1314-W

BOILER SETTERS

ILLINOIS

CHICAGO

National Power Construction Co, 348 S Dearborn ..... Harrison 781

NEW YORK

NEW YORK CITY

B & S Contracting Co Inc The, 96 Warren Barclay 6763
Lemb John & Sons, 177 Marion, Bklyn..Bushwick 1145
See our Catalog Space, page 924
Universal Compound Co Inc ("Universal" Plastic Cement for Boiler Settings) 2 Rector..Rector 6162

BOILER AND STOKER ARCHES

ILLINOIS

CHICAGO

Detrick M H Co, 549 Washington bl.....Franklin 4776

BOILER TREATMENT

OHIO

CLEVELAND

Metalene Chemical Co The, Soc for Sav bldg ..... Main 1371

BOILER TUBE CLEANERS

NEW YORK

BUFFALO

Crowell's 61 Terrace ..... Seneca 1764-J

BOILER TUBE FERRULES

CONNECTICUT

WATERBURY

Connecticut Brass & Mnfg Corp..... Waterbury 3960

BOILER TUBES

ILLINOIS

CHICAGO

Chicago Steel & Mfg Co, 180 N Wabash. Randolph 5859
See our Catalog Space, page 925
Chicago Tube & Iron Co, 1469 S Jefferson. Canal 3167
Downey T F Boiler Works, 321-323 W Austin av ..... Franklin 1949
Parkesburg Iron Co The, 348 S Dearborn. Harrison 3452

MASSACHUSETTS

BOSTON

Harvey Arthur Co, 374 Congress..... Main 7000
See our Catalog Space, page 1009

NEW YORK

NEW YORK CITY

Parkesburg Iron Co The, 30 Church.....Cortland 4470
Monongahela Tube Co, 29 Sullivan.....Spring 9191

PENNSYLVANIA

PARKESBURG

Parkesburg Iron Co The..... Parkesburg 161

PHILADELPHIA

Parkesburg Iron Co The, Commercial Trust bldg ..... Spruce 2894

BOILER TUBES, SECOND HAND

MISSOURI

ST LOUIS

Greenspon's Jos Sons Iron & Steel Co, Second and Branch ..... Tyler 236

BOILER TUBES (3 INCH) BOUGHT & SOLD

PENNSYLVANIA

PITTSBURGH

Simpson Bros, Oakdale..... Oakdale 46-J

BOILERS (MANUFACTURERS)

CONNECTICUT

NEW HAVEN

Bigelow Co The, 72 River..... Liberty 3480

MICHIGAN

OWOSSO

Owosso Boiler Works, 531 S Washington..Owosso 181

OHIO

CINCINNATI

Tudor Boiler Mfg Co The, 715 E 3d..... Canal 3430

BOILERS (MFRS.) CAST IRON

PENNSYLVANIA

PITTSBURGH

Peerless Heater Co, 7 Wood..... Court 1873

BOILERS (MNFRS.) WATER TUBE

ILLINOIS

CHICAGO

Page Boiler Co (Page-Burton) 815 Larrabee ..... Superior 1592

BOILERS (MNFRS.) WATER TUBE & FIRE TUBE BOILERS

ILLINOIS

CHICAGO

Springfield Boiler Co, Marquette bldg.... Randolph 5998

SPRINGFIELD

Springfield Boiler Co, 308-330 E Grand av..Main 368

NEW YORK

NEW YORK CITY

Springfield Boiler Co, 52 Vanderbilt av. Murray Hill 8575

BOILERS AND ACCESSORIES, SECOND HAND AND NEW

MASSACHUSETTS

BOSTON

Ellis A Lee, 141 Milk..... Fort Hill 1994

BOILERS, ALL KINDS

PENNSYLVANIA

WILLIAMSPORT

Keeler E Co..... Bell-Williamsport 920
..... Williamsport 198

BOILERS & ENGINES (OIL COUNTRY GOODS)

PENNSYLVANIA

PITTSBURGH

Simpson Bros, Oakdale ..... Oakdale 46-J

BOILERS, ENGINES AND MACHINERY

ILLINOIS

CHICAGO

Pfannmueller Engineering Co, 1733 First Nat Bank bldg ..... Randolph 16
Wilson Machinery Co, 331 W 35th ..... Yards 354

MICHIGAN

DETROIT

Dutton J B Machinery Co, 58 Washington bl ..... Cherry 2153
Power Equipment Co, Fisher bldg ..... Harrison 6616

OHIO

CINCINNATI

Randle Machinery Co The, 1723 Powers .... Park 1905

BOILERS—ENGINES AND MACHINERY—NEW AND REBUILT

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church ..... Cortland 3756

BOILERS, ENGINES & MACHINERY NEW & SECOND HAND

ILLINOIS

CHICAGO

Dyar Hugh W, 140 S Dearborn ..... Central 3066

MISSOURI

ST LOUIS

Partridge Arthur S, 415 Pine ..... Main 1071

NEW YORK

ROCHESTER

Wilson Wm H Iron Works, 31-57 Industrial. Main 5131
See our Catalog Space, page 976

PENNSYLVANIA

PITTSBURGH

Hyde & Co Inc, 331, 4th av ..... Court 1329
Pittsburgh Machinery & Equipment Co, Fulton bldg ..... Grant 3047

BOILERS ENGINES AND MACHINERY—SECOND HAND

ILLINOIS

CHICAGO

American Machy & Boiler Co, 1749 N Kenton av ..... Belmont 1776

BOILERS AND ENGINES, NEW AND USED

NEW YORK

NEW YORK CITY

Brooklyn Paper Mills, 96-98 Jay, Bklyn .... Main 1395

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water ..... York 557

BOILERS—H.R.T., VERTICAL, CORNISH & INTERNAL FURNACE

GEORGIA

MACON

Schofield's J S Sons Co, Baundore & Hammond sts ..... Macon 982

BOILERS, INTER, FIRED (CORRUG, OR ADAMSON RING FURNS)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove sts ..... Main 694

BOILERS—LAND AND MARINE

PENNSYLVANIA

PHILADELPHIA

Badenhausen Co, 1425 Chestnut ..... Locust 2810

BOILERS, MARINE

NEW YORK

OSWEGO

Kingsford Foundry & Machine Works, 264 W 2d ..... Oswego 70

BOILERS, PORTABLE AND STATIONARY

TENNESSEE

JACKSON

Southern Engine & Boiler Works, N Royal. Jackson 1083

BOILERS—SECOND HAND

NEW YORK

NEW YORK CITY

Brearley H P, 140 Cedar ..... Rector 9448
See our Catalog Space, page 973

BOILERS, STACKS AND SHEET IRON WORKS

IOWA

CLINTON

Cullen Co The (Successors to Star Boiler Wks) 8th av & 1st ..... Clinton 147

TEXAS

HOUSTON

Tofte Boiler & Sheet Iron Works, 78 Schump ..... Preston 476

BOILERS—STEAM & HOT WATER HEATING

MICHIGAN

DETROIT

United States Radiator Corporation, Broadway & Grand River av ..... Cherry 2290

NEW YORK

NEW YORK CITY

Page Wm H Boiler Co The, 141-45 W 36th Greeley 980

BOILERS, STEAM, TANKS STEEL AND STACKS

CALIFORNIA

SAN FRANCISCO

Ocean Shore Iron Works, 550, 8th ..... Market 462

BOILERS STEAM, USED EQUIPMENT, WATER TUBE & FIRE TUBE

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg .. Grant 1516
See our Catalog Space, page 976

BOILERS & TANKS, MNFRS.

MINNESOTA

DULUTH

Duluth Boiler Works, 366-382 Garfield av ..... Bell-Melrose 615, Zenitt-Lincoln 15
Mesaba Boiler and Manufacturing Co, Garfield av ..... Bell-Melrose 839, Zenith-Lincoln 65

OHIO

DAYTON

Gem City Boiler Co The, Leo and Dallen ..... Bell-East 260, Ohio State 2260

BOILERS, TUBULAR (WITH OR WITHOUT STEEL CASINGS)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove sts ..... Main 694

BOILERS, VERTICAL (PLAIN OR SUBMERGED TUBES)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove sts ..... Main 694

BOILERS, WATER TUBE (HOR. OR VER. BAFFLES)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co, The, W Main & Grove sts ..... Main 694

BOLIVIAN WOOL

NEW YORK

NEW YORK CITY

Bolivian Wool Co The, Inc, (The Best Mills Use Dependably Graded "C L B" Alpaca, Llama, and Other Wools, Principal Branch Office, Puerto Acosta, Bolivia, S A) 11 Broadway..Bowl Grn 8298

BOLSTERS, RAILWAY

ILLINOIS

CHICAGO

Joliet Railway Supply Co, 40th & Princeton av .....Drover 2415

BOLT CLIPPERS

MASSACHUSETTS

EVERETT

Porter H K, 6 Ashland.....Everett 435-M

BOLT THREADING MACHINERY

MARYLAND

BALTIMORE

Petrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

BOLT, WIRE CLIPPERS, NUT SPREADERS

ILLINOIS

STERLING

Carolus Mfg Co. 406 Light.....Bell-Main 87
.....Interstate 100

BOLTING CLOTH AND GRIT GAUZES

ILLINOIS

CHICAGO

Camp B F Co, 431-437 S Clinton.....Wabash 965

NEW YORK

NEW YORK CITY

Haber A P (Sole importer Wydler Silk Bolting Cloth), 320-324 Broadway....Worth 2087

BOLTS—ALL KINDS

ILLINOIS

ROCKFORD

Rockford Bolt Company, The, 200 Mill.....Main 147

NEW YORK

NEW YORK CITY

Empire City Screw Products Co, 12 West 62d .....Columbus 1952

BOLTS, EXPANSION

ILLINOIS

CHICAGO

Expansion Bolt Co, 120 W Lake.....Main 2649

NEW YORK

NEW YORK CITY

Expansion Bolt Co, 149 Cedar.....Rector 4655
Expansion Bolt Co, 25 Elm.....Worth 3785

BOLTS AND FORGINGS

OHIO

CLEVELAND

Eagle Bolt & Forging Co The, 2640 W 25th .....Ohio State Central 8254-R

BOLTS AND NUTS (MANUFACTURERS)

CONNECTICUT

UNIONVILLE

Upson Nut Co The.....Farmington 20

ILLINOIS

CHICAGO

Continental Bolt & Iron Works, 2225 W 43d .....McKinley 1701
Upson Nut Co The, 332 S Michigan av...Harrison 7181

NEW JERSEY

HOBOKEN

New Jersey Bolt & Iron Works, 68-70 Hudson .....Hoboken 1527

NEW YORK

NEW YORK CITY

Upson Nut Co The, 17 Battery pl.....Rector 8973

PORT CHESTER

Russell Burdsall & Ward Bolt & Nut Co .....Port Chester 201

OHIO

CLEVELAND

Upson Nut Co The, Scranton & Carter rds...Main 5762

COLUMBUS

Standard Bolt Co The, Clinton & Big Four RR .....Bell-North 132
.....Ohio State 14797

BOLTS, NUTS, BRASS, COPPER, BRONZE, GERMAN SILVER

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co, se cor Lombard and South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

BOLTS, NUTS AND RIVETS

ILLINOIS

CHICAGO

Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg.....Lawndale 1

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500
.....Kinloch-Central 3645

NEW JERSEY

BAYONNE

Bayonne Bolt & Nut Co, 2d st & Trask av.Bayonne 1171

NEW YORK

NEW YORK CITY

Ryerson Joseph T & Son, 30 Church and West Side av Jersey City.....Cortland 8650

OHIO

CLEVELAND

Kirk Latty Mfg Co The, W 84th & Madison .....Edgewater 782
Lamson & Sessions Co The, 2184 Scranton rd .....Bell Harvard 2075
.....Ohio State Central 3769
National Screw & Tack Co The, Stanton av S E & C & P R R.....Rosedale 5728

COLUMBUS

Columbus Bolt Wks Co The, 162 Randolph .....Bell-Main 2179
.....Citizens 6451

BOLTS, NUTS, WASHERS, JACKS, PICKS, SHOVELS

NEW YORK

NEW YORK CITY

Green G S Co Inc, 74 Warren.....Barclay 8688

BOLTS, STOVE

ILLINOIS

CHICAGO

Central Screw Co, 3500 Princeton av.....Drover 6210

BOND BLANKS

ILLINOIS

CHICAGO

Goes Lithographing Co, 42 W 61st...Wentworth 452

BONDS

NEW YORK

NEW YORK CITY

Mandeville H L, 120 Broadway.....Rector 7558

BONDS, GUARANTEE

ARKANSAS

LITTLE ROCK

National Surety Company (Charles K Jones, Mgr) Gazette bldg.....Main 7272

CALIFORNIA

LOS ANGELES

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in charge of Arizona) Citizens Bank bldg .....Main 6859

SAN FRANCISCO

National Surety Company (Frank L Gilbert, Vice Pres and Pacific Coast Mgr and in charge of Calif & Nevada) 105 Montgomery.....Sutter 2636

COLORADO

DENVER

National Surety Company (Ralph W Smith, Vice Pres & Mgr Western Dept in charge of Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado and New Mexico), Coronado bldg .....Main 852

DISTRICT OF COLUMBIA

WASHINGTON

National Surety Company (William H Ronsaville, Mgr), Munsey bldg.....Main 414

GEORGIA

ATLANTA

National Surety Company (Wm L McCalley, Jr South Eastern Mgr) Atlanta National Bank bldg .....Main 1422

BONDS, GUARANTEE—CONT'D.

INDIANA

INDIANAPOLIS

National Surety Company (Julius P McGrayel, Mgr), Fletcher Savings & Trust bldg....Main 1539

KANSAS

KANSAS CITY

National Surety Company (I J Talbott, Mgr) Portsmouth bldg .....West 327

MARYLAND

BALTIMORE

National Surety Company (Max Ways, Genl Agt) Union Trust bldg .....St Paul 3888

MASSACHUSETTS

WORCESTER

National Surety Company (John G Jefferds, Jr, District, Mgr for Worcester County) State Mutual bldg .....Park 1536

MICHIGAN

LANSING

National Surety Company (Geo D Heaton, Mgr Western Michigan) Capital Natl Bank bldg .....Lansing 2229

MISSISSIPPI

JACKSON

National Surety Company (William A Montgomery, Mgr) Merchants Bank bldg.....Jackson 329

MISSOURI

KANSAS CITY

National Surety Company (P O Draper, General Agt, Western Missouri) Commerce bldg.....Main 2264

ST LOUIS

National Surety Company (Leslie J Nichols, General Agent for Eastern Mo & So Ills) Pierce bldg .....Olive 1026

MONTANA

HELENA

National Surety Company (Robert S King, Mgr) National Bank of Montana bldg.....Helena 580

NEBRASKA

LINCOLN

National Surety Company (Commercial Investment Co, Genl Agts), 1301 N st.....Lincoln-B 1212

NEW JERSEY

CAMDEN

National Surety Company (Cecil B Myer, Mgr), 425 Market .....Camden 1718

JERSEY CITY

National Surety Company (P E Wiles, Manager Hudson and Bergen Counties) 15 Exchange pl .....Montgomery 4147

NEWARK

National Surety Company (Franklin M Wolf, State Mgr) Prudential bldg.....Market 4921

NEW YORK

NEW YORK CITY

National Surety Company (Home Office) 115 Broadway .....Rector 8000
National Surety Company (Daniel A McCann, Vice-Pres), 192 Montague Bklyn.....Main 4480

NORTH CAROLINA

GREENSBORO

National Surety Company (Max T Payne, Mgr) Benbow Arcade .....Greensboro 157

OHIO

COLUMBUS

National Surety Company (A W Geissinger, Mgr) Huntington Bank bldg.....Main 2576

OREGON

PORTLAND

National Surety Company (V H Galloway, Mgr), Corbett bldg.....Marshall 2191

SOUTH CAROLINA

CHARLESTON

National Surety Company (Robert T Ravenel, Mgr) 53 Broad .....Charleston 436

TEXAS

AUSTIN

National Surety Company (Ernest L Early, State Mgr) Scarbrough bldg .....Austin 2020

VIRGINIA

RICHMOND

National Surety Company (Arthur M Cannon, Mgr) American National Bank bldg.....Madison 7650

BONDS—REAL ESTATE

ILLINOIS

CHICAGO

Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle .....Randolph 560

BONDS AND STOCKS

MASSACHUSETTS

BOSTON

Brooks P W & Co, Inc, 95 Milk.....Main 7454

MISSOURI

ST LOUIS

Edwards A G & Sons, 412 Olive.....Main 3380

NEW YORK

NEW YORK CITY

Brooks P W & Co, Inc, 115 Broadway....Rector 1432
Edwards A G & Sons, 38 Wall.....John 606

PENNSYLVANIA

PHILADELPHIA

Brooks P W & Co, Inc, N Stock Ex bl.....Spruce 4340

BONDS, SURETY

ARKANSAS

LITTLE ROCK

National Surety Company (Charles K Jones, Mgr) Gazette bldg .....Main 7272

CALIFORNIA

LOS ANGELES

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in charge of Arizona) Citizens Bank bldg.....Main 6859

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COLORADO

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National Surety Company (Ralph W Smith, Vice Pres & Mgr Western Dept in charge of Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado, New Mexico) Coronado bldg..Main 852

DISTRICT OF COLUMBIA

WASHINGTON

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National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills) Pierce bldg .....Olive 1026

MONTANA

HELENA

National Surety Company (Robert S King, Mgr) National Bank of Mont bldg.....Helena 580

NEBRASKA

LINCOLN

National Surety Company (Commercial Investment Company, Genl Agts), 1301 N st...Lincoln-B 1212

NEW JERSEY

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National Surety Company (Cecil B Myer, Mgr) 425 Market .....Camden 1718

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National Surety Company (Daniel A McCann, Vice Pres), 192 Montague Bklyn.....Main 4480

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National Surety Company (Max T Payne, Mgr) Benbow Arcade .....Greensboro 157

OHIO

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National Surety Company (A W Geissinger, Mgr) Huntington Bank bldg.....Main 2576

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National Surety Company (V H Galloway, Mgr), Corbett bldg.....Marshall 2191

SOUTH CAROLINA

CHARLESTON

National Surety Company (Robert T Ravenel, Mgr) 53 Broad ..... Charleston 436

TEXAS

AUSTIN

National Surety Company (Ernest L Early, State Mgr) Scarbrough bldg ..... Austin 2020

VIRGINIA

RICHMOND

National Surety Company (Arthur M Cannon, Mgr) American Natl Bank bldg ..... Madison 7650

BOOK CASES—SECTIONAL

NEW YORK

HERKIMER

Hale F E Mfg Co The, 600 W German . . Herkimer 314-J

BOOK COVER STAMPS

ILLINOIS

CHICAGO

Eckebrecht O & Co, 542 S Dearborn ..... Harrison 3626

BOOK EDGE GILDERS AND BOOK STAMPERS

NEW YORK

NEW YORK CITY

Marchetti R & Bro, (Book Gilding, Card Beveling and Bordering), 35 Great Jones ..... Spring 7040

BOOK EDGE GILDERS, BORDERING AND BEVELING

NEW YORK

NEW YORK CITY

Bernard Jos B, 21 E 4th ..... Spring 5585

BOOK PRINTERS

ILLINOIS

CHICAGO

Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947-997
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996

BOOK PUBLISHERS & BOOK MANUFACTURERS

NEW YORK

NEW YORK CITY

Ginzies Publishing Company Inc, 110 E 23d ..... Gramrcy 5535

BOOKBINDERS

ILLINOIS

CHICAGO

Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947-997

MASSACHUSETTS

CAMBRIDGE

Boston Bookbinding Co, 10 Arrow ..... Cambridge 1904

MISSOURI

ST LOUIS

Becktold Printing & Book Mfg Co, 200-212 Pine ..... Bell-Main 36
..... Kinloch-Cent 2578
Curran Con P Printing Co, 8th & Walnut Bell-Main 5191
..... Kinloch-Cent 991

NEW YORK

NEW YORK CITY

Baylis Bindery 33d to 34th sts 8th av ..... Greeley 4051
Gardner Binding & Mailing Co, (Pamphlet, Catalogue, Newspaper, Binding and Mailing) 76-88 Lafayette ..... Franklin 4140
Lewis Eugene C Company, 33d to 34th sts 8th av ..... Greeley 4051

OHIO

CINCINNATI

Kennedy Chas A & Son, 423 Main ..... Main 2558
Steinmann Emil, 409 Main ..... Main 4499

PENNSYLVANIA

PITTSBURGH

Crescent Book Bindery, Phipps Power bldg . . Court 4675

BOOKBINDERS (WITH CELLULOID)

NEW YORK

NEW YORK CITY

Steinberg S & Son, 149-153 Wooster ..... Spring 5172

BOOKBINDERS' BOARD MFRS.

MASSACHUSETTS

BOSTON

White Son Co, 530-540 Atlantic av ..... Main 196

BOOKBNDRS, & OTHER BOARDS, PAPER, GLUES & GELATINES

NEW YORK

NEW YORK CITY

Hewitt C B & Bros, 48 Beekman ..... Beekman 3720

BOOKBINDERS AND EDGE GILDERS

MISSOURI

ST LOUIS

Kampmeyer & Wagner, 325 Locust Bell-Main 4026
..... Kinloch-Central 6579-L

BOOKBINDERS, LIBRARY BINDING

ILLINOIS

CHICAGO

Brabandt & Valters Bookbinding Co, 3827-3829 Ravenswood av ..... Wellington 9931

BOOKBINDERS' MACHINERY

CONNECTICUT

MYSTIC

Standard Machinery Co, Water ..... Mystic 20

ILLINOIS

CHICAGO

Gane Bros & Co, 610-618 Federal Bell-Wabash 2575
..... Automatic 62-536

MISSOURI

ST LOUIS

Gane Bros & Co, 200-204 N Third Bell-Main 432
..... Kinloch-Central 624R

NEW YORK

NEW YORK CITY

Gane Bros & Co, 106-110 Lafayette ..... Franklin 746
Hoole Machine & Engraving Works Inc, 29-33 Prospect, Bklyn ..... Main 2426
Standard Machinery Co, 41 Park Row (Branch) ..... Cortland 1177

OHIO

DAYTON

Seybold Machine Co The, Louie and Garst ..... Bell-Main 1149
..... Ohio State 3149

BOOKBINDERS' MACHINERY—RULING, PAGING & FEEDING

NEW YORK

NEW YORK CITY

McAdam John & Sons, 978 Kent av, Bklyn ..... Prospect 8463

BOOKBINDERS MATERIAL—ARTIFICIAL LEATHER

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg ..... Wilmington 1720

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank bldg ..... Cadillac 5708

NEW YORK

NEW YORK CITY

Du Pont Fabrikoid Company, Equitable bldg 120 Bway ..... Rector 5720

BOOKBINDERS' STAMPERS & BADGE MNFRS.

ILLINOIS

CHICAGO

Helwig Louis, 181 W Madison ..... Main 2182

BOOKBINDERS' SUPPLIES

DELAWARE

WILMINGTON

Pyle C & W Co, 403-405 Van Buren . . Wilmington 314

ILLINOIS

CHICAGO

Gane Bros & Co, 610-618 Federal Bell-Wabash 2575
..... Automatic 62-536
Molloy David J Co The, 633 Plymouth ct . Harrison 353
Slade, Hipp & Meloy Inc, 119 W Lake ..... Main 2541

MASSACHUSETTS

BOSTON

White Son Co, 530-540 Atlantic av ..... Main 196

NORWOOD

Holliston Mills The ..... Norwood 111
See our Catalog Space, page 925

MISSOURI

ST LOUIS

Gane Bros & Co, 200-204 N Third ..... Bell-Main 432
..... Kinloch-Central 624R

BOOKBINDERS' SUPPLIES—CONTINUED

NEW YORK

NEW YORK CITY

Becker Supply Co, 24 E 13th.....Stuyvesant 594
Gane Bros & Co, 106-110 Lafayette.....Franklin 746
Holliston Mills The, (New York Office and Warehouse) 2 W 13th.....Chelsea 4765
See our Catalog Space, page 925

OHIO

CINCINNATI

Queen City Paper Co The, 515-17-19 Eggleston av .....Canal 4244

BOOKBINDING AND RULING

MISSOURI

ST LOUIS

Carthage Bookbindery The, 411½ S Main.Carthage 1096

BOOKBINDINGS, LOOSELEAF DEVICES

PENNSYLVANIA

PITTSBURGH

Tarner Brothers Co, Penn av and Water...Court 2857
.....Main 1397

BOOKKEEPING MACHINES—REBUILT

ILLINOIS

CHICAGO

Rotter W A, Monadnock blk.....Harrison 7721

BOOKKEEPING SYSTEMS

NEW YORK

NEW YORK CITY

Spiegel's Systems Co of America Inc, 309 Broadway .....Worth 2221
See our Catalog Space, page 925

BOOKLETS—ADVERTISING AND MERCHANDISING

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated miniature short story booklets, cards and other printed novelties, for children and grown-ups. Cardboard toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

BOOKS, AUTOGRAPHS, BOUGHT AND SOLD

NEW YORK

NEW YORK CITY

Madigan Thomas E (Highest prices paid for Celebrities' Autographs) 507 Fifth av .....Murray Hill 2654

BOOKS BOUGHT AND SOLD

NEW YORK

NEW YORK CITY

Thoma & Eron Inc, (Large and small collections of books as well as complete libraries bought for spot cash. Correspondence cheerfully answered) 50 John.....John 4825

BOOKS, FOREIGN

NEW YORK

NEW YORK CITY

Steiger E & Co, 49 Murray .....Barclay 6134

BOOKS & PERIODICALS—MEDICAL & CHEMICAL

NEW YORK

NEW YORK CITY

Login B & Son, 152 E 23d.....Gramercy 6166

BOOKS PURCHASED AND SOLD

NEW YORK

NEW YORK CITY

Brown Alexander M Inc, (Entire Libraries and Single Books) 5 Beekman.....Cortland 3018

BOOKS, SCIENCE OF LIFE, PLANETARY INFLUENCE

MICHIGAN

DETROIT

Astro Publishing Co, Hodges bldg.....Main 819

BOOKSELLERS—MILITARY

NEW YORK

NEW YORK CITY

Appleton Edwin N, 1 Broadway....Bowling Green 8533

BOOKSELLERS—MILITARY AND NAVAL

NEW YORK

NEW YORK CITY

Appleton Edwin N, 1 Broadway...Bowling Green 8533

BOOKSELLERS—2D HAND LIBRARIES BOUGHT

NEW YORK

NEW YORK CITY

Davis Richard, 47 Vesey .....Cortland 4604

BOOT AND SHOE FINDINGS

MASSACHUSETTS

BOSTON

Bliss Wm B Jr & Co, (Shoe Laces, bias bindings, webs, ribbons, stays, trimming, cut cloths, cotton imitation leather), 68 Essex.....Beach 4205

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co, (Shoe laces, bias bindings, webs, ribbons, stays, trimming, cut cloths, cotton imitation leather), 114, 5th av.....Chelsea 8283
Vanity Shoe Lace & Novelty Works The, 63 Varet Bklyn.....Stagg 4523

BOOT AND SHOE FINDINGS, LACES AND TAPES

NEW YORK

NEW YORK CITY

American Cord & Webbing Co, 105 Hudson .....Franklin 4109

BORING CUTTERS AND BARS, ADJUSTABLE

MICHIGAN

MUSKEGON

Madison Manufacturing Co, 15 Elton...Muskegon 3238

BORING MACHINES

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre .....Canal 642

BORING & TURNING MILLS

NEW HAMPSHIRE

LAKEPORT

Bickford H & Co, 1004 Union av.....Laconia 259-12

BORINGS FOR FOUNDATIONS

NEW YORK

NEW YORK CITY

Phillips & Worthington, 90 West.....Rector 3017

BOTTLE (MANUFACTURERS)

WEST VIRGINIA

WHEELING

North Wheeling Glass Bottle Co, 300 Main .....Wheeling 911

BOTTLE (MANUFACTURERS) ALL KINDS

INDIANA

MARION

Standard Glass Co, North Marion Belt....Marion 2195

BOTTLE (MANUFACTURERS AND DEALERS)

INDIANA

INDIANAPOLIS

Fairmount Glass Wks, South Keystone av & Nebraska.....Bell-Prospect 63 Automatic 51-429

BOTTLE (MNFRS.) DRUGGISTS' PRESCRIPTION & PACKERS

INDIANA

MARION

Standard Glass Co, North Marion Belt....Marion 2195

BOTTLE BUYERS AND DEALERS, WHOL, NEW AND SECOND HAND

ILLINOIS

CHICAGO

Herman Fred & Sons, 1252 Augusta.....Monroe 1296

BOTTLE CAPS MNFRS.

OHIO

TOLEDO

National Bottle Cap Co The, Second Natl Bank .....Main 8300

BOTTLE CAPS AND JAR CAPS, CORK DISCS

NEW YORK

NEW YORK CITY

ilver Crown Disk Co, 1468 Broadway....Bryant 3299

BOTTLE DEALERS

ILLINOIS

CHICAGO

outh Side Milk Bottle Exch, 3144-46 Normal av ..... Yards 5827

NEW YORK

NEW YORK CITY

lickstein Wilkenfeld & Terner, 240 N 10th, Bklyn .....Greenpoint 4360

OHIO

CLEVELAND

aufman L S 3605-15 Orange av .....Ohio State-Central 7037-K
hio Bottle Co, 3433 Orange av.Ohio State-Central 3456

BOTTLE DEALERS, NEW AND SECOND HAND

NEW YORK

NEW YORK CITY

ickstein Bros & Co, 413-423 E 109th.Harlem 207

BOTTLE DEALERS, NEW & SECOND HAND & BOTTLE SUPPLIES

OHIO

YOUNGSTOWN

ungstown Bottle Exchange Co The, 418 Covington ..... Bell Main 4340 .Ohio State 6510

BOTTLE DEALERS—SECOND HAND

KENTUCKY

LOUISVILLE

rt End Bottle Co, 829 East Market..Home City 6054

NEW YORK

NEW YORK CITY

h Brothers, Est 1888, (Export Trade Solicited), 153 Goerck.....Orchard 376

BOTTLE PACKING

ILLINOIS

CHICAGO

elsior Wrapper Co, 224 W Kinzie....Franklin 2389
ton Manufacturing Corporation, 1300 W 35th .....Yards 1403
See our Catalog Space, page 988

MASSACHUSETTS

BOSTON

ton Excelsior Co, 26 Canal.....Haymarket 158

MICHIGAN

GRAND RAPIDS

elsior Wrapper Co, Hall and Godfrey av ..... Bell-South 16 .....Citizen 7543

NEW YORK

BUFFALO

elsior Supply Co, 16 Carroll.....Seneca 193

NEW YORK CITY

Boston Excelsior Co, 30th and North River.Chelsea 7700

OHIO

CINCINNATI

Excelsior Supply Co, 2d and Smith.....Main 924

CLEVELAND

Excelsior Supply Co, 1732 Merwin rd.....Main 4950

PENNSYLVANIA

PHILADELPHIA

Philadelphia Excelsior Co, 716 N 3d....Market 446

PITTSBURGH

Excelsior Supply Co, Bessemer bldg.....Court 891

WISCONSIN

SHEBOYGAN

Excelsior Wrapper Co, 1635 Erie av....Sheboygan 44

BOTTLE WRAPPERS

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

WISCONSIN

OSHKOSH

Oshkosh Bottle Wrapper Co, 101-27 Ohio.Oshkosh 1106

BOTTLERS (CARBONATED BEVERAGES, SPRING WATER)

CONNECTICUT

NEW LONDON

Kane M A Co, 29 Jefferson av.....New London 743-2

BOTTLERS (SODA WATER MNFRS.)

CONNECTICUT

WATERBURY

Reiner Bros Co, 770 East Main.....Waterbury 2804

BOTTLERS' BOXES

ILLINOIS

CHICAGO

Tegtmeyer Box & Lumber Co, 1828 S Canal.Canal 227

BOTTLERS' FLAVORS, COLORS & SUPPLIES FOR SODA WATER

ILLINOIS

CHICAGO

Sethness Company, 718-724 N Curtis....Monroe 6780

BOTTLERS' MACHINERY AND SUPPLIES

ILLINOIS

CHICAGO

Arnold G J & Co, 1738-1750 N Tripp av.Belmont 5179
Klemm & Co, 1364 W Grand av.....Monroe 3087

NEW YORK

NEW YORK CITY

Cahn Hugo & Co 257-265 West 17th.....Chelsea 3448
Heyman Oscar & Co, 220-230 W 19th....Chelsea 8550

BOTTLERS MACHINERY—WATER DISTILLING SYSTEMS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545
See our Catalog Space, page 1022

BOTTLERS' SEALING WAX

NEW YORK

NEW YORK CITY

Davids Bros Inc, 79 Cortland.....Cortland 691

BOTTLES, BAGS AND BARRELS

OHIO

TOLEDO

Lucas County Bottle & Barrel Co, 513-27 State .....Ohio State-Main 6846

BOUDOIR CAPS

ILLINOIS

CHICAGO

Kadet Kruger Co, 116 S Wells.....Franklin 4055

BOUDOIR CAPS AND BOUDOIR ACCESSORIES

NEW YORK

NEW YORK CITY

Strauss William Co Inc, 22-28 West 21st.Chelsea 9752

BOWL STRAINERS

ILLINOIS

ROCKFORD

Andrews Wire & Iron Co, 1802 Preston.....Main 347

BOWLING ALLEYETTES, PETTY PINS, MNFRS.

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 .....Tri State 26726

BOWLING ALLEYS AND SUPPLIES, MFGS.

ILLINOIS

CHICAGO

Brunswick-Balke-Collender Co The, 623-625 S Wabash av.....Harrison 6220

NEW YORK

NEW YORK CITY

Brunswick-Balke-Collender Co of N Y The, 29 West 32d.....Madison Sq 6180

BOX BOARDS

NEW YORK

NEW YORK CITY

La Boiteaux C L Co, Fifth Avenue bldg.Gramercy 6034

OHIO

CINCINNATI

Browne & Stuart Co The, Neave bldg.....Main 1122
Queen City Paper Co The, 515-17-19 Eggleston av .....Canal 4244

BOX BOARDS—COMBINATION

ILLINOIS

ROCKFORD

Rockford Paper Box Board Co, Sayre.....Main 646

BOX BOARDS—FIBER SHIPPING CASE

ILLINOIS

ROCKFORD

Rockford Paper Box Board Co, Sayre.....Main 646

BOX BOARDS—PAPER

MICHIGAN

OTSEGO

MacSim Bar Paper Co.....Otsego 77

BOX BOARDS—PAPER, MNFRS.

OHIO

MIDDLETOWN

Colin Gardner Paper Co The.....Middletown 2047

BOX MACHINERY (WOOD)

MINNESOTA

MINNEAPOLIS

Mereen-Johnson Machine Co, 44th av N and Lyndale.....Bell-Hyland 3939 Tri-State 46181

BOX PRINTING DIES—FOR WOOD AND FIBRE

ILLINOIS

CHICAGO

Borgstrom G J, 118 S Clinton.....Main 4731

BOX PRINTING PLATES

NEW YORK

NEW YORK CITY

Moos Henry & Co, 37 A Beaver.....Broad 5011 Ex 3

BOX SHOOKS

IDAHO

ST MARIES

St Maries Modern Box Co.....St Maries 63

ILLINOIS

CHICAGO

Chicago Mill & Lumber Co, 111 W Washington.....Franklin 4300
Rathborne, Hair & Ridgway Co, 2279 S Union av.....Canal 975

MICHIGAN

DETROIT

Detroit Wire Bound Box Co, 18th & Hancock av.....Walnut 703

MISSOURI

ST LOUIS

Chicago Box & Lumber Co, (W O Shillington, Mgr) 2d & Chouteau av.....Main 1777

NEW HAMPSHIRE

ROCHESTER

Studley Box & Lumber Co, Ft of Silver.Rochester 74-2

NEW YORK

BUFFALO

Chicago Mill & Lumber Co (J E Gillett Mgr) Brisbane bldg.....Seneca 3244

NEW YORK CITY

Chicago Mill & Lumber Co (H R Owen Mgr) 19 W 44th.....Vanderbilt 4320
Dunning-Varney Corporation 99 Warren..Barclay 5505
Green A H Company The, 97 Warren....Barclay 9930
Richards O S Corporation, 87, 34th Bush Terminal Bklyn.....Sunset 5500
Tifft Bros, 2 Bway.....Broad 2245

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co, Carthage Pike and Big Four R R, St Bernard....Avon 863

PENNSYLVANIA

PHILADELPHIA

Chicago Mill & Lumber Co (H T Powers, Mgr) 707 Widener bldg.....Walnut 4047

WISCONSIN

MARINETTE

Brown-Mitcheson Co, 908 State.....Marinette 272

BOX SHOOKS AND EGG CASES

TENNESSEE

MEMPHIS

Anderson-Tully Co, N Second & I C R R...Main 511

BOX SHOOKS, SHINGLES, K. D. FRAMES AND LUMBER

WASHINGTON

SPOKANE

Hedlund Box & Shingle Co, Stone & Bway Hyland 1082

BOX SHOOKS TYING MACHINERY

CALIFORNIA

SAN FRANCISCO

Gerrard Wire Tying Machines Co (Gerrard Method), 112 Market.....Sutter 6273

ILLINOIS

CHICAGO

Gerrard Wire Tying Machines Co (Gerrard Method), 202 S State.....Harrison 1473

MASSACHUSETTS

BOSTON

Gerrard Wire Tying Machines Co (Gerrard Method), 141 Milk.....Main 529

NEW YORK

NEW YORK CITY

Gerrard Wire Tying Machines Co (Gerrard Method), 77 Warren.....Barclay 8570

PENNSYLVANIA

PHILADELPHIA

Gerrard Wire Tying Machines Co (Gerrard Method), 10 Chestnut.....Lombard 5060

WASHINGTON

SEATTLE

Gerrard Wire Tying Machines Co (Gerrard Method), Hoge bldg.....Elliott 2029

BOX STRAPPING

CONNECTICUT

NEW BRITAIN

Stanley Works The, Lake st.....New Britain 180

ILLINOIS

CHICAGO

American Metal Fasteners Co, 5832 S Green.Normal 895
Stanley Works of Illinois, 73 E Lake....Randolph 5267

NEW YORK

NEW YORK CITY

DeHaven Mfg Co, 50 Columbia Heights, Bklyn.....Main 5620
Independent Metal Strap Co, 56 Prince....Spring 9114
Stanley Works The, 100 Lafayette.....Franklin 705
Twisted Wire & Steel Co, 437 to 435 Eleventh av.....Greeley 2909

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce nw cor.....Main 1704

BOX STRAPPING—SOFT WIRE

CALIFORNIA

SAN FRANCISCO

Gerrard Wire Tying Machines Co (Gerrard Method), 112 Market.....Sutter 6273

ILLINOIS

CHICAGO

Gerrard Wire Tying Machines Co (Gerrard Method), 202 S State.....Harrison 1473

MASSACHUSETTS

BOSTON

Gerrard Wire Tying Machines Co (Gerrard Method), 141 Milk.....Main 529

NEW YORK

NEW YORK CITY

Gerrard Wire Tying Machines Co (Gerrard Method), 77 Warren.....Barclay 8570

PENNSYLVANIA

PHILADELPHIA

Gerrard Wire Tying Machines Co (Gerrard Method), 10 Chestnut.....Lombard 5060

WASHINGTON

SEATTLE

Gerrard Wire Tying Machines Co (Gerrard Method), Hoge bldg.....Elliott 2029

BOX STRAPPING, STEEL

ILLINOIS

CHICAGO

Acme Steel Goods Co, 2840 Archer av....Yards 2400

NEW YORK

NEW YORK CITY

Acme Steel Goods Co, 305 Lafayette.....Spring 9[illegible]

BOXES & BARRELS, STEEL SHOP

OHIO

PAINESVILLE

Ohio Manufacturing Co The, State & Sanford.Main 387

SALEM

Clark W J Co The, 190 Depot.....Salem 36[illegible]

BOXES, BATTERY, DASH & SPARK COIL (WOODEN)

ILLINOIS

CHICAGO

Churchill Cabinet Co, 2119 Churchill..Humboldt 191[illegible]

BOXES, BOTTLERS

ILLINOIS

CHICAGO

Rathborne, Hair & Ridgway Co, 2279 S Union av .....Canal 975

BOXES AND BOX SHOOKS

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 1228

BOXES, BOX SHOOKS, CRATES AND FURNITURE CRATING

MICHIGAN

CADILLAC

Cummer Mfg Co.....Cadillac 62

BOXES & BOX SHOOKS (WOODEN) MFRS

MINNESOTA

MINNEAPOLIS

Twin City Box Fcty Inc, 9th av & 9th St S E.....Bell-East 469 Tri State 41469

ST PAUL

Minnesota Box Co, 827-841 Forest .....Bell-Bomont 976 Tri State 77500

BOXES, BREAD

MINNESOTA

ST PAUL

Home Comfort Co The, 845-849 E 7th. Tri State 78306

BOXES, CRATES FOLDING, (WOODEN) COMMERCIAL

MINNESOTA

MINNEAPOLIS

Folding Crate & Box Co The, 215 Fifth N E .....Tri State 41647

BOXES, DEALERS (PACKING) SECOND HAND

NEW YORK

NEW YORK CITY

Jan P, 550-560 Washington.....Spring 1837
See our Catalog Space, page 986

BOXES—FOLDING PAPER

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N & Third .....Bell-Nicollet 6692 Tri State 38341

OHIO

MIDDLETOWN

Interstate Folding Box Co The, 7th, Park and Canal .....Middletown 78

BOXES FOLD'G PAPER CARTONS ICE CREAM & OYSTER PAILS

MISSOURI

ST JOSEPH

St Joseph Paper Box Co, 115 Francis.....Main 751

BOXES, LOCK CORNERED

ILLINOIS

CHICAGO

Rathborne, Hair & Ridgway Co, 2279 S Union av .....Canal 975

BOXES, MANUFACTURERS

ILLINOIS

CHICAGO

Tegtmeyer Box & Lumber Co, 1828 S Canal. Canal 227

MASSACHUSETTS

BOSTON

New England Box Co The (Largest Exclusive Mnfrs of Lock Cornered Wooden Boxes in the United States) 294 Washington.....Main 4568

NEW YORK

NEW YORK CITY

Bogert & Hopper (Locked Corner Boxes—Turned Wood Products) 65 Barclay..Barclay 7416
Dunning-Varney Corporation, 99 Warren..Barclay 5505
Green A H Company The, (Locked Corner, Polished Hardwood—Box Shooks), 97 Warren ..... Barclay 9930
New England Box Co The, (Largest Exclusive Manufacturers of Lock Cornered Wooden Boxes in the United States) 20 Park pl.....Barclay 6834

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co The, Carthage Pike and Big 4 R R St Bernard.....Avon 863

WISCONSIN

MILWAUKEE

Milwaukee Paper Box Co, Florida & Grove. Hanover 872

BOXES, MNFRS. CORRUGATED

OHIO

ASHTABULA

Ashtabula Corrugated Box Co The, 66 Ann..Main 1474

BOXES, MANUFACTURERS, CORRUGATED AND FIBRE

ILLINOIS

CHICAGO

Mid-West Box Co, 111 W Washington....Main 4334
See our Catalog Space, page 926

INDIANA

ANDERSON

Mid-West Box Co.....Main 406
See our Catalog Space, page 926

KOKOMO

Mid-West Box Co.....Kokomo 398
See our Catalog Space, page 926

KANSAS

KANSAS CITY

Kansas City Fibre Box Co, Adams and Kansas .....Bell-Main 6833 Home-Main 5582
See our Catalog Space, page 926

MICHIGAN

DETROIT

Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926

MISSOURI

ST LOUIS

Loy-Lange Box Co, 3d & Russell.....Sidney 579
Mid-West Box Co, Continental Bank bldg..Olive 1659
See our Catalog Space, page 926

NEW YORK

BUFFALO

Buffalo Box Factory, 865 Babcock.....Howard 95
Buffalo Corrugated Container Co, 25 Imson .....Abbott 157-W

NEW YORK CITY

Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

OHIO

CINCINNATI

Mid-West Box Co, Gwynne bldg.....Canal 1751
See our Catalog Space, page 926

CLEVELAND

Mid-West Box Co, 1133 E 152d.....Eddy 2780
See our Catalog Space, page 926

PENNSYLVANIA

PITTSBURGH

Mid-West Box Co, 525-26 Park.....Grant 1629
See our Catalog Space, page 926

BOXES, MANUFACTURERS, METAL

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

NEW YORK

NEW YORK CITY

Star Metal Box Co, 507-9 W 19th.....Chelsea 8691

BOXES, MANUFACTURERS, PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N & Third .....Bell-Nicollet 6692 Tri State 38341

ST PAUL

Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

MISSOURI

KANSAS CITY

National Paper Box Co, 20th & Tracy.....Grand 530

WISCONSIN

MILWAUKEE

Schulz A Geo Co, 417-431 Clybourn.....Grand 3350

BOXES, MNFRS. SECTIONAL WIRE BOUND BOXES & CRATES

INDIANA

PLYMOUTH

Plymouth Mfg Co.....Plymouth 428

BOXES, MNFRS. SHELF & SPECIAL

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, 5th av & N 3d.....Bell-Nicollet 6692
.....Tri State 38341

BOXES, MNFRS.—WIRE BOUND AND 3PLY PANEL VENEER

INDIANA

PERU

Unger-Kramer Co The.....Main 529

BOXES, MANUFACTURERS, WOODEN

ILLINOIS

CHICAGO

Acme Box Company 22d and Loomis.....Canal 424

NEW YORK

NEW YORK CITY

Peterson F W Co (Locked Corner, also Wood Trimmings) 68 Thomas.....Worth 2073

WISCONSIN

SHAWANO

Shawano Box Company.....Shawano 37

BOXES, MNFRS. WOODEN ALL KINDS

OHIO

TOLEDO

Parrish Cigar Box Co, 400 Belmont av cor Division .....Ohio State B-5593

BOXES MFRS. WOODEN (TURNED & LOCK CORNER)—SHOOKS

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

BOXES, NEW & SECOND HAND WE BUY & SELL

ILLINOIS

CHICAGO

Friedlander Box Co, 1300-1310 W Lake...Monroe 4646

BOXES, PACKING

ILLINOIS

CHICAGO

Rathborne, Hair & Ridgway Co, 2279 S Union av .....Canal 975

BOXES, PAPER—CANDY, FANCY AND HOLIDAY, ALL KINDS

MISSOURI

ST LOUIS

All Paper Box Co, 123 S 8th.....Bell-Olive 3119
.....Kinloch-Central 4447

BOXES, PAPER & WOODEN

MISSOURI

ST LOUIS

Advance Paper Box Co, 21st & Pine .....Bell-Bomont 2140
.....Kinloch-Central 2859

BOXES—POLISHED HARDWOOD

NEW YORK

NEW YORK CITY

Bubeck & Guerin, 161-163 W 18th.....Chelsea 4119

BOXES—SPECIAL WOOD, FOR MUNITIONS, ETC.

ILLINOIS

CHICAGO

Lapierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

BOXES, SPECIALTIES

MASSACHUSETTS

SPRINGFIELD

West F M Box Co. 225 Liberty.....River 3586

BOXES, WIRE BOUND

ILLINOIS

CHICAGO

Chicago Mill & Lumber Co, 111 W Washington .....Franklin 4300
Rathborne, Hair & Ridgway Co, 2279 S Union av .....Canal 975

E ST LOUIS

Pioneer Box Co, 11th and Converse av...Bridge 1074

INDIANA

CRAWFORDSVILLE

Pioneer Box Co, 999 E Elmore...Crawfordsville DF 26

MICHIGAN

DETROIT

Detroit Wire Bound Box Co, 18th & Hancock av .....Walnut 703

MISSOURI

ST LOUIS

Chicago Mill & Lumber Co, (W O Shillington, Mgr) 2d & Chouteau av.....Main 1777

NEW YORK

BUFFALO

Chicago Mill & Lumber Co (J E Gillett, Mgr), Brisbane bldg.....Seneca 3244

NEW YORK CITY

Chicago Mill & Lumber Co (H R Owen, Mgr) 19 W 44th .....Vanderbilt 4320

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co, Carthage Pike and Big 4 R R, St Bernard.....Avon 863

PENNSYLVANIA

PHILADELPHIA

Chicago Mill & Lumber Co (H T Powers, Mgr), Widener bldg.....Walnut 4047

BOXES, WOODEN

ILLINOIS

CHICAGO

Chicago Mill & Lumber Co, 111 W Washington .....Franklin 4300

MARYLAND

BALTIMORE

Southern Can Co, 717 S Wolfe.....Wolfe 1982

MICHIGAN

DETROIT

Detroit Wire Bound Box Co, 18th & Hancock av .....Walnut 703

MISSOURI

ST LOUIS

Chicago Box & Lumber Co (W O Shillington, Mgr) 2d & Chouteau av.....Main 1777

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co, Carthage Pike and Big 4 R R, St Bernard.....Avon 863

BOYS' BLOUSE MNFRS.

NEW YORK

NEW YORK CITY

Edman Sol & Son, 537 Bway.....Spring 3159

BRACES

PENNSYLVANIA

PHILADELPHIA

Philadelphia Orthopedic Co (World's largest Manufacturers, High Grade Appliances for short and weak Legs) 49 N 13th..Walnut 294

BRACKETS & PINS—TELEPHONE

INDIANA

NORTH VERNON

National Pin & Bracket Co.....North Vernon 48-L

BRAIDING & EMBROIDERY BEADS & BEADING

ILLINOIS

CHICAGO

Madison Embroidery Co, 5 S Wabash av.Randolph 2835

BRAIDS

ILLINOIS

CHICAGO

Barton F C, Brooks bldg, 223 W Jackson bl .....Wabash 2741

MASSACHUSETTS

BOSTON

Barton F C, 70 Kilby.....Fort Hill 647

NEW YORK

NEW YORK CITY

Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Cotton, mercerized, silk, Soutache, ricrac, hercules) 114, 5th av .....Chelsea 8283
Freydberg Bros Inc, 44-46-48 West 18th.Chelsea 4341
New York Tassel & Cord Co Inc, 35 Howard.Canal 8615
Sanford Narrow Fabric Co (Washable narrow fabrics of every description) 351, 4th av .....Mad Sq 523

BRAIDS AND DRESS TRIMMINGS

NEW YORK

NEW YORK CITY

Mandel's George Sons, 16-18 W 22d.....Gramcy 3963

BRAKE BEAMS, RAILWAY

ILLINOIS

CHICAGO

Joliet Railway Supply Co, 40th & Princeton av ..... Drover 2415

BRAKE LINING

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin ..... Main 3761
Staybestos Mfg Co (S M C) (Edwin E Coith) (Toughest, most durable & dependable brake lining made. All sizes up to 6 in wide) Transportation bldg ..... Harrison 1476

MICHIGAN

DETROIT

Staybestos Mfg Co (S M C) (W C Ducomb Jr) (Toughest, most durable & dependable brake lining made. All sizes up to 6 in wide) Kerr bldg ..... Cherry 3096

PENNSYLVANIA

PHILADELPHIA

Staybestos Mfg Co (S M C) (Toughest, most durable & dependable brake lining made. All sizes up to 6 in wide), Bell-Germantown 5405
5518-36 Lena ..... Keystone-North 199

BRAKE SHOES FOR STEAM AND ELECTRIC RAILWAYS

ILLINOIS

CHICAGO

Railway Materials Co The, Railway Exch bldg ..... Harrison 809

MICHIGAN

DETROIT

Railway Materials Co The, Dime Bank bldg ..... Cadillac 1651

NEW YORK

NEW YORK CITY

Railway Materials Co The, Singer bldg..Cortland 6547

OHIO

CLEVELAND

Railway Materials Co The, Schofield bldg...Main 94

TOLEDO

Railway Materials Co The, 2d Natl Bank bldg ..... Main 3631

BRAKE SHOES, LOCOMOTIVE AND CAR

ARKANSAS

LITTLE ROCK

Standard Brake Shoe & Foundry Co, Pulley St & Mo Pac Tracks,..... Pine Bluff 111

BRASS

CONNECTICUT

SEYMOUR

Seymour Manufacturing Co The (Ingots, sheets, Wire, Rods, Shells and Blanks, Cable address "Seymourco"), 87 Franklin..... Seymour 115

NEW YORK

NEW YORK CITY

Trading Corp Inc, 90 West..... Rector 2436

BRASS (INGOTS)

ILLINOIS

CHICAGO

Harris Benj & Co 1359 W 21st..... Canal 1870
Kramer H & Co, 1324-1344 W 21st pl..... Canal 3380

BRASS (INGOTS—RED AND YELLOW)

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 233 Broadway, Woolworth bldg..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort St E..... Cadillac 2828
See our Adv., page 32, first page opposite Section 1

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-89 Commerce st ..... Liberty 4320
See our Adv., page 32, first page opposite Section 1

BRASS (MANUFACTURERS)

MISSOURI

ST LOUIS

Schaefer Brass & Mfg Co, 815 Clark av ..... Bell-Olive 3292
Kinloch-Central 4304

PENNSYLVANIA

SCRANTON

Everhart Brass Works, 422-24 Penn av. Scranton 2512-R

BRASS (SHEET, ROD, TUBING AND SCRAP)

ILLINOIS

CHICAGO

Cleveland Brass & Copper Mills Inc The, Railway Exchange bldg..... Harrison 8840
Metal Products Co, 100 S Jefferson..Haymarket 7166

MICHIGAN

DETROIT

Cleveland Brass & Copper Mills Inc The, Dime Bank bldg..... Cherry 3695

OHIO

CLEVELAND

Cleveland Brass & Copper Mills Inc The, Guardian bldg ..... Main 3644

DAYTON

Cleveland Brass & Copper Mills Inc The, Riebold bldg ..... Main 296

BRASS (SHEET, ROD, WIRE, TUBE AND SHAPES)

ILLINOIS

CHICAGO

Interstate Brass Co, 11-17 S Desplaines. Haymarket 1865

BRASS (SHEET, ROD, WIRE & TUBE)

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co S E cor Lombard and South..... St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad..... Fort Hill 4415

MINNESOTA

MINNEAPOLIS

Irvine Sales Co, 1111-13 S 5th ..... Bell-Nicollet 6704
..... Tri State 34404

MISSOURI

ST LOUIS

Heimbuecher Jno H Metals Co (Rome Quality) 514 N Third..... Bell-Main 1037
Kinloch-Central 2382

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette ..... Franklin 5700

BRASS (SHEETS)

CONNECTICUT

WATERBURY

Waterbury Rolling Mills Inc..... Waterbury 2157

BRASS (SHEETS AND COILS)

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp. Waterbury 3960

BRASS ARTICLES OF ANY DESCRIPTION

NEW YORK

NEW YORK CITY

Novelty Wire Works, 840 Broadway..... Stuyvesant 1190

BRASS BOLTS & NUTS

ILLINOIS

ROCKFORD

Rockford Bolt Company The, 200 Mill..... Main 147

BRASS, BRONZE & STEEL WORK ARCHITECTURAL & ORNAMENTAL

OHIO

CINCINNATI

Cincinnati Mfg Co Inc The, Gest and Evans. West 2519
Newman Manufacturing Co 717-721 Sycamore Canal 713

MISSOURI

ST LOUIS

Usona Mfg Co, 822 S 18th..... Olive 3433

BRASS CASTINGS

ILLINOIS

CHICAGO

Anderson A H Foundry, 1211-13 Fulton... Monroe 2753
Christensen Al, 1715 Carroll av..... West 178
Empire Brass Works, 824-832 Fulton..... Monroe 356

DECATUR

Decatur Pump & Mfg Co, 360-80 E Cerro Gordo ..... Decatur 2972

OHIO

DAYTON

Pasteur-Chamberland Filter Co, 408 Ray.... East 23

BRASS CASTINGS AND ALUMINUM CASTINGS

OHIO

BATAVIA

Gehlhauser Foundry Co.....Batavia 196

BRASS CASTINGS—BRONZE & ALUMINUM CASTINGS

CONNECTICUT

NEW HAVEN

Fritzell Brass Foundry 33 Chestnut....Liberty 2769-3
See our Catalog Space, page 926

FLORIDA

JACKSONVILLE

Capps C I & Co, 514 Catherine.....Jacksonville 5114

ILLINOIS

CHICAGO

Adapt Machinery Co The, 1624-32 S Wabash av .....Calumet 946
Central Brass Foundry, 107 S Clinton.....Main 3694

QUINCY

Van Dorn Co The, Second & Vermont.....Main 3453

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taafte pl, Bklyn .....Prospect 7688

OHIO

BEDFORD

Holmes Wm G Bronze Co The, Stop 19 A B C Line, Cleveland Subdivision...Bedford 49

CINCINNATI

Anchor Brass & Aluminum Co The, 1108 Harrison av .....West 4410

HAMILTON

Koehler Foundry Co, 750 East av....Hamilton 1049-L

LIMA

Buckeye Brass Casting Wks, Kibby & L E & W R R.....Rice 1380
Lima Brass Foundry The, 459 N Main.....Lake 3979
Lima Metals Foundry Co, Lake & Greenlawn avs .....Main 1439

BRASS CASTINGS, BRONZE, ALUMINUM & COPPER CASTINGS

MICHIGAN

DETROIT

City Brass Foundry Co, 421-423 MacombEdgewood 660

OHIO

BUCYRUS

Ryder Brass Foundry Co The, 130 E Irving .....Bucyrus 5274

PENNSYLVANIA

PITTSBURGH

Ryder Brass Foundry Co The, Ferguson bldg.Court 940

BRASS CASTINGS AND BRONZE CASTINGS

PENNSYLVANIA

JOHNSTOWN

Flood City Mfg Co The, Messenger Bell-Johnstown 94
& Elder 1s .....City 2164
See our Catalog Space, page 929

BRASS CASTINGS AND BRONZE CASTINGS (ROUGH & FINISHED)

ILLINOIS

CHICAGO

General Brass Foundry, 1364 W Randolph .....Haymarket 562

OHIO

CLEVELAND

Buckeye Brass & Mfg Co, 1807 Columbus Rd .....Main 1621

BRASS CASTINGS, ROUGH & FINISHED

OHIO

CLEVELAND

Aluminum Castings Co The, 6205 Carnegie av .....Rosedale 3770

BRASS CHECKS

NEW YORK

NEW YORK CITY

Moss Theo & Co (Most modern equipped plant), 82 Broad, 1143 DeKalb av, Bklyn.....Broad 912

BRASS CHECKS AND BADGES

ILLINOIS

CHICAGO

Koch G & Co, 71 W Randolph.....Central 3655
Safford Stamp Works, 203 W Madison....Main 2057
Time & Energy Co The, 9 S Clinton.....Main 1142

MARYLAND

BALTIMORE

Dorman J F W Co The, 526 N Calvert.Mt Vernon 6012

NEW YORK

NEW YORK CITY

Moss Henry & Co, 37 A Beaver.....Broad 5011

PENNSYLVANIA

PITTSBURGH

Bunting Stamp Co, 713 Liberty .....Grant 6878

BRASS CHECKS & BURNING BRANDS

NEW JERSEY

NEWARK

Universal Stamp Works (J H Van Court, Prop) 252 Market.....Mulberry 2441

BRASS CHECKS, PLATES, LABELS, ETC.

NEW YORK

NEW YORK CITY

Bishop Thomas H, 126 William.....Beekman 672

BRASS CHECKS—PLATES & TAGS

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 East 23d.....Gramrcy 5361
Brooklyn Office, 419 Fulton.....Main 764

BRASS CONCENTRATORS

MICHIGA

DETROIT

Peninsular Smelting Co, 1385 W Jefferson av.Cedar 2760

BRASS AND COPPER

ILLINOIS

CHICAGO

Cleveland Brass & Copper Mills Inc The, Railway Exchange bldg.....Harrison 8840

MICHIGAN

DETROIT

Cleveland Brass & Copper Mills Inc The, Dime Bank bldg.....Cherry 3695

OHIO

CINCINNATI

Ohio Brass & Copper Co The, 412 Elm.....Main 405

CLEVELAND

Cleveland Brass & Copper Mills Inc The, Guardian bldg .....Main 3644

DAYTON

Cleveland Brass & Copper Mills Inc The, Reibold bldg .....Main 296

BRASS & COPPER, EXPORT SHIPMENTS

NEW YORK

NEW YORK CITY

Railway Specialties Corp, 80 Church....Cortland 3602

BRASS DIES

ILLINOIS

CHICAGO

Eckebrecht O & Co 542 S Dearborn.....Harrison 3626

BRASS DIES & STAMPS

OHIO

CINCINNATI

Fries Anthony J, 717 Sycamore..... ..Canal 670

BRASS FITTINGS MFRS. STANDARD & EXTRA HEAVY

PENNSYLVANIA

PITTSBURGH

Acheson Mfg Co, Rankin Pa, Braddock P O .....Bradok

BRASS FORGINGS

MASSACHUSETTS

SPRINGFIELD

Harley Company The, Page Boulevard.....River 916

BRASS FOUNDERS & FINISHERS

COLORADO

DENVER

Denver Brass Works Co (Specializing in repair parts for Locomotive Injectors) 1221-1231, 12th .....Main 2133

CONNECTICUT

STAMFORD

Brown Bros, 10-48 Garden st.....Stamford 467

ILLINOIS

CHICAGO

Bastian-Blessing Co The, 125-131 W Austin Franklin 1717
Chicago Faucet Co The, 2712 N Crawford av ..... Belmont 785
Empire Brass Works, 824-832 Fulton..... Monroe 356
Fidelity Brass Mfg Co, 1001 W Wash bl.. Haymkt 3451
Holland Brass Works, 616 W Monroe..... Monroe 3399
Imperial Brass Mfg Co, 1200 W Harrison Haymarket 741
Pokorney B W & Co Inc 134 S Clinton..... Main 794

MISSOURI

ST LOUIS

Eureka Brass Co, 601 Red Bud av..... Colfax 1012
Gilbert A & Sons Brass Foundry Co, 4010 Forest Park bl..... Lindell 2535

NEW YORK

NEW YORK CITY

Grabson H, 63 Clymer Bklyn..... Wmsburg 4096

SYRACUSE

Caldwell E R & Son Brass Co, 619 W Fayette ..... Warren 5719

OHIO

COLUMBUS

Columbus Brass Co The, 540 Dublin av ..... Bell-Main 3516 Ohio State 7753

DAYTON

Kennick Wm & Co, 1415-17 E 5th ..... Bell-East 1592 Ohio State-Central 3592

BRASS FOUNDERS & FINISHERS RESIDUES

ILLINOIS

CHICAGO

Harris Benj & Co 1359 W 21st..... Canal 1870

BRASS GATE VALVES

PENNSYLVANIA

WILLIAMSPORT

Darling Pump & Mfg Co The, Ltd ..... Bell-Williamsport 1150 United 593-X

BRASS GOODS

ILLINOIS

CHICAGO

Dillas A C & Son Inc 223 N Jefferson.... Franklin 5320

NEW YORK

NEW YORK CITY

Fiers Wm R, 140 Sullivan..... Spring 4113
New York Brass Turning Co, 231 Bowery. Orchard 9730
Perless Light Co, 125 Chambers..... Worth 2058

BRASS AND IRON SPECIALTIES

ILLINOIS

CHICAGO

Smith Mfg Co, 118-124 S Clinton..... Main 630

BRASS AND IRON WIRE WORK

NEW YORK

NEW YORK CITY

Square Wire & Iron Works, 294-296 Taaffe pl. Bklyn ..... Prospect 7688

BRASS MACHINE & EXPERIMENTAL WORK

PENNSYLVANIA

PITTSBURGH

Harley O'Neil Abbott, Imperial Power bldg.. Court 1134

BRASS RAILINGS

ILLINOIS

CHICAGO

Chicago Architectural Bronze Co 519 W Van B Wabsh 5496

OHIO

CINCINNATI

Newman Manufacturing Co 717-721 Sycamore Canal 713

BRASS RAILINGS AND BRONZE RAILINGS—MNFRS.

ILLINOIS

CHICAGO

Johnson-Meier Co 155-157 Wendell..... Superior 5205

BRASS RODS

PENNSYLVANIA

PHILADELPHIA

Philadelphia Brass Co, Commercial Trust bldg ..... Spruce 2263

BRASS SIGNS

ILLINOIS

CHICAGO

Klintz A & Co 905 W Randolph..... Haymarket 1196

MASSACHUSETTS

BOSTON

Brink C J Inc, 24 Gold..... Main 7544
Hanson Charles M, 323 Tremont..... Beach 6579

MICHIGAN

DETROIT

Detroit Name Plate Etching Co, 15 Atwater W ..... Cadillac 2198

OHIO

CINCINNATI

Newman Manufacturing Co 717-721 Sycamore Canal 713

BRASS SIGNS (CAST)

ILLINOIS

CHICAGO

Imperial Brass Mfg Co, 1200 W Harrison. Haymkt 741

BRASS SIGNS—IN QUANTITY ONLY

NEW YORK

NEW YORK CITY

Rutledge Geo Co, 309 E 22d..... Gramercy 2846

BRASS VALVES & IRON VALVES

OHIO

DAYTON

Buckeye Iron & Brass Works, 324 East 3d ..... Bell-Main 257 Ohio State 2257

BRASS WORKS

MINNESOTA

MINNEAPOLIS

Twentieth Century Brass Works, 514-518, 5th av S..... Bell-Main 3502 Tri State 35523

BRASSIERE MANUFACTURERS

NEW YORK

NEW YORK CITY

Model Brassiere Co, 200, 5th av..... Gramercy 200

BRATTICE CLOTH

ILLINOIS

CHICAGO

Turner Lauren H Co, 160 W Jackson bl. Wabash 3477

BRAZING

PENNSYLVANIA

PITTSBURGH

Liberty Brazing Welding Co, 140-142 South Beatty ..... Hiland 670
Pittsburgh Reinforced Brazing & Machine Co, 2525 Liberty av..... Grant 4473

BRAZING COMPOUND

ILLINOIS

CHICAGO

Krembs & Company (Mfrs "Flowmet" Brazing Compound) 173 N Green..... Monroe 61

BREAD & BISCUIT MACHINERY

NEW YORK

NEW YORK CITY

Rockwell L A Co, 430-434 Smith Bklyn ..... Hamilton 52

BREAD WRAPPERS—WAXED PAPER, PLAIN OR PRINTED

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry..... Main 1163

BREWERS MACHINERY, EVERY DESCRIPTION

MISSOURI

ST LOUIS

Ruemmeli-Dawley Mfg Co The, 3009 Chouteau av ..... Grand 2346

BREWERS SUPPLIES

NEW YORK

NEW YORK CITY

Schwenker W M Inc, 340-342-344 E 92d.. Lenox 435
Thomson J M Co Inc, 521 Broome..... Spring 3720

BRICK ANNEALING

PENNSYLVANIA

NEW BRIGHTON

Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

BRICK BLAST FURNACES

PENNSYLVANIA

NEW BRIGHTON

Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

BRICK BOILER SETTINGS

PENNSYLVANIA

NEW BRIGHTON

Brighton Fire Brick Company Bell-New Brighton 1220
.....Beaver County 1413

BRICK BUILDING MOVERS AND RAISERS

ILLINOIS

CHICAGO

Crowe Bros, 133 W Washington.....Main 3158
Friestedt L P Co, Tribune bldg.....Randolph 296

BRICK MAKING MACHINES

MISSOURI

ST LOUIS

Fernholtz Brick Machinery Co The, Boyle and Vandeventer avs.....Grand 212

OHIO

BUCYRUS

American Clay Machinery Co The, Walnut & Warren.....Bucyrus 399

PENNSYLVANIA

PHILADELPHIA

Chambers Bros Co, 52d and Media.....Belmont 258

BRICK PALLETS, STEEL—MANUFACTURERS

OHIO

NILES

Ohio Galvanizing & Manufacturing Co The..Niles 700

BRICKS, BUILDING

KENTUCKY

LOUISVILLE

Coral Ridge Clay Products Co, Bell-Main 1341
Inter-Southern bldg .....Home-City 8075

BRICKS, DRAIN & HOLLOW BLDG TILE, FIREPROOFING

IOWA

OTTUMWA

Morey Clay Products Co.....Ottumwa 288

BRICKS AND DRAIN TILE MANUFACTURERS

KENTUCKY

LOUISVILLE

Southern Brick & Tile Co Inc, cor Bell-South 1622-Y
13th & Ormsby.....Home-City 547

BRICKS—FACE, HOLLOW BLOCKS

PENNSYLVANIA

PITTSBURGH

Houston Brothers Co, Chamber of Commerce bldg .....Grant 6480

BRICKS—FIRE AND CLAY

PENNSYLVANIA

NEW BRIGHTON

Brighton Fire Brick Company Bell-New Brighton 1220
.....Beaver County 1413

BRICKS—FIRE AND SEWER PIPE

PENNSYLVANIA

PITTSBURGH

American Railway Equipment Co, Diamond Bank bldg .....Court 2637

BRICKS, FRONT AND PAVING, PROMENADE TILE

NEW YORK

NEW YORK CITY

Williard C T Co Inc, 110 E 23d.....Gramercy 2727

BRICKS—HIGH CLASS FACE BRICKS, ALL COLORS

NEW JERSEY

JERSEY CITY

Upper Kittanning Brick Co, Fuller bldg .....Montgomery 419

BRICKS, MANUFACTURERS

NEW YORK

JAMESTOWN

Jamestown Shale Paving Brick Co (Repressed, Wirecut Paving Block Building Brick), 40 Quarry rd.....Jamestown 199

NEW YORK CITY

Kaolin Products Corporation, 120 BroadwayRector 4540

OLEAN

Sterling Brick Co, R R av & Beech.....Olean 42

PENNSYLVANIA

BRIDGEVILLE

Mayer C P Brick Co,.....Bridgeville 56

VIRGINIA

DANVILLE

Watson-Fitzgerald Co Inc, Danville.....Danville 234

WEST VIRGINIA

WHEELING

Mack Manufacturing Co, German Bk bldg.Wheeling 888

BRICKS MNFRS. AND DEALERS

NEW JERSEY

TRENTON

Independent Brick Company, Broad St Bank bldg .....Trenton 1469

NEW YORK

NEW YORK CITY

Puls Charles H, (Fire Brick, Red Brick, Paving Brick) 131-133 E 23d.....Gramercy 5360

PENNSYLVANIA

PITTSBURGH

Johnetta Brick & Coal Co, Chamber of Commerce bldg .....Grant 6920

BRICKS, PAVING

INDIANA

INDIANAPOLIS

Indiana Paving Brick Publicity Bureau, Fidelity Trust bldg.....Main 3410

BRICKS & HOLLOW TILE

GEORGIA

AUGUSTA

Georgia-Carolina Brick Co, Lanear bldg..Augusta 745

PENNSYLVANIA

BRADFORD

Bradford Pressed Brick Co, 2 Main....Bradford 385

BRICKS AND TILE

CANADA

RIDGEWAY, ONTARIO

McKenna Donald L.....Ridgeway 782

BRICKS AND TILE—BUILDING AND DRAIN

ILLINOIS

BUDA

Buda Brick & Tile Co, Buda.....Empire 31-R-3

BRIDAL, CONFIRMATION VEILS, WREATHS, BOUQUET MNFRS.

NEW YORK

NEW YORK CITY

Dorros Bros (We manufacture all our materials) 98, 3d av.....Stuyvesant 2190
Gladstone H Co, 684 Broadway.....Spring 692[illegible]

BRIDGE BUILDERS

ILLINOIS

CHICAGO

Continental Bridge Co, Monadnock blk..Harrison 127[illegible]
Strobel Steel Construction Co, Monadnock blk .....Harrison 3[illegible]

PEOTONE

Continental Bridge Co, Works Bell-Peotone 1[illegible]
Peotone .....Interstate 181

MISSOURI

JOPLIN

Concrete & Steel Construction Co, Independent bldg .....Home 215[illegible]

NEW HAMPSHIRE

MANCHESTER

Lyons F P Iron Works, 319 Elm....Manchester 259[illegible]

PENNSYLVANIA

PITTSBURGH

Scaife Wm B & Sons Co, 1st Nat Bk bldg .....Oakmont [illegible]
See our Catalog Space, page 1014

BRIDGE ENGINEERS

ILLINOIS

CHICAGO

Giaver Joachim G, 80 E Jackson bl.....Wabash 872[illegible]

BRIDGE REAMERS, HIGH SPEED

ILLINOIS

CHICAGO

Rich Tool Co, 80 E Jackson bl.....Harrison 3537

BRIDGES (STEEL—HIGHWAY)

INDIANA

EVANSVILLE

nternational Bridge Co, Edgar & Cleveland av .....Evansville 477

BRIDGES, STEEL

COLORADO

DENVER

merican Bridge Company, First National Bank bldg .....Main 1217

ILLINOIS

CHICAGO

merican Bridge Company, 208 S Lasalle.Wabash 6262

IOWA

CLINTON

linton Bridge Wks,.....Clinton 48

MARYLAND

BALTIMORE

merican Bridge Company, Continental Trust bldg .....St Paul 99

MASSACHUSETTS

BOSTON

merican Bridge Company, John Hancock bldg .....Main 5966

MICHIGAN

DETROIT

nerican Bridge Company, Beecher av & M C R R.....West 75

MINNESOTA

DULUTH

nerican Bridge Company, Wolvin bldg..Melrose 800

MINNEAPOLIS

nerican Bridge Company, 7th av & 2d St S E.....East 5720

MISSOURI

ST LOUIS

erican Bridge Company, Third National Bank bldg .....Olive 4030

NEW YORK

BUFFALO

erican Bridge Company, Marine National Bank bldg .....Seneca 3460

NEW YORK CITY

erican Bridge Company, 30 Church..Cortland 6126

OHIO

CINCINNATI

erican Bridge Company, Union Trust bldg .....Main 3946

CLEVELAND

erican Bridge Company, Guardian bldg..Main 1678

PENNSYLVANIA

BETHLEHEM

Guerber Engineering Co, The, 9th Bell-Bethlehem 576 and Lehigh av.....Keystone 76-J

PHILADELPHIA

American Bridge Company, Widener bldg.Walnut 5200

PITTSBURGH

American Bridge Company, Frick bldg.....Grant 5200

UTAH

SALT LAKE CITY

American Bridge Company, Walker Bank bldg .....Wasatch 890

BRIEF CASES

NEW YORK

NEW YORK CITY

Howard Specialties Co Inc, 15 Crosby.....Canal 8633

BRIEF CASES AND PORTFOLIOS (MANUFACTURERS)

NEW YORK

NEW YORK CITY

Urband Leather Goods Co, 153-159 W 15th.Chelsea 1305

BRIQUETTING MACHINERY

NEW YORK

NEW YORK CITY

General Briquetting Co, 25 Broad.....Broad 491

BRISTLES

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company Special Products Division Du Pont bldg .....Wilmington 1720

NEW YORK

NEW YORK CITY

Cone Frederick H, 181 Front.....John 1998
Polack Co The Inc, 249 Pearl.....Beekman 1927

BRITISH GUM

ILLINOIS

CHICAGO

Williamson Glue & Gum Works 220-222 W Huron .....Superior 8395

BROKERS

ILLINOIS

CHICAGO

Cahn Benj R 38 N Lasalle.....Main 6

MISSOURI

KANSAS CITY

Sylvester W C Investment Co, 207 Commerce .....Bell-Main 4900 Home-Main 4900

MISSOURI

ST LOUIS

Edwards A G & Sons, 412 Olive.....Main 3380

NEW YORK

NEW YORK CITY

Edwards A G & Sons, 38 Wall.....John 606

BROKERS, CANNED FOODS

ILLINOIS

CHICAGO

Jones Warren B, 130 N Wells.....Franklin 3164

BROKERS, DRIED FRUITS AND CAN GOODS

MISSOURI

ST LOUIS

Ford & Doan Mdse Brokers, 412 S 7th.....Main 277

BROKERS—INVESTMENTS

OHIO

SPRINGFIELD

Clingerman J B, Bushnell bldg.....Bell-Main 1179
.....Ohio State 1179

BROKERS—MERCHANDISE

ARKANSAS

LITTLE ROCK

Leigh Henry & Co, 612-14 E Markham.....Main 1081

PINE BLUFF

Harrison V M, Citizens Bank bldg.....Pine Bluff 53
Orto Brokerage Co (Storage Facilities, Warehouse distributors) 220-224 Walnut.Pine Bluff 440

TEXARKANA

Ramage Brokers & Commission Co, 112 Walnut .....Texarkana 333

CALIFORNIA

SAN FRANCISCO

Du Val W M & Co, 112 Market.....Kearny 2482
Food Products Factors Inc, Hearst bldg...Sutter 5085

LOUISIANA

SHREVEPORT

Clinton Joseph E & Co, 203 Continental Bank bldg .....Home 432

OHIO

CLEVELAND

Rankin Fred P (Sugar, Glucose, Canned Foods, Dried Fruits) Bell-Main 3138
Cuyahoga bldg .....Ohio State-Central 5844-L

TENNESSEE

CHATTANOOGA

Palmetto Brokerage Co, 22 Piedmont av .....Chattanooga 821

VIRGINIA

NORFOLK

Rogers-McGechin Co, Inc (Beans, Starch, Glucose, Syrup, Canned Goods) Southgate Terminal bldg .....Norfolk 3901

BROKERS AND MERCHANTS—TOBACCO

NEW YORK

NEW YORK CITY

Tansy Tobacco Corporation (Virginia, Kentucky, Tennessee—Leaf in Hogsheads) 19 South William.....Broad 1915

BROKERS, STOCK & BONDS

MICHIGAN

DETROIT

Wallace A W & Co, Penobscot bldg.....Cherry 2800

BROKERS—STOCKS, GRAIN AND COTTON

KENTUCKY

ASHLAND

Williams & Monroe, Gaylord bldg.....Ashland 1014

LOUISVILLE

Williams & Monroe, 129 South 5th Home-City Main 2670

WEST VIRGINIA

HUNTINGTON

Williams & Monroe, First National Bank bldg .....Huntington 1014

BROKERS, SUGAR & RICE

CALIFORNIA

SAN FRANCISCO

Brown A A Co, 230 California.....Douglas 3380

BRONZE BACKED, BABBITT LINED BEARINGS

INDIANA

INDIANAPOLIS

American Die Casting Co (See what Curtiss Aeroplane Co say) Gardner Lane & White River .....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

OHIO

CLEVELAND

Buckeye Brass & Mfg Co, 1807 Columbus Rd.Main 1621

WISCONSIN

MILWAUKEE

Milwaukee Die Casting Co, 297, 4th.....Grand 1133

BRONZE BANK FIXTURES (GRILLES AND WICKETS)

ILLINOIS

CHICAGO

Chicago Architectural Bronze Co, 519 W VanBuren .....Wabash 5496

BRONZE & BRASS WORK—RAILINGS TABLETS & STATUARY

ILLINOIS

CHICAGO

Smith F P Wire & Iron Works, 54 WLake.Central 438

BRONZE CASTINGS

MASSACHUSETTS

SPRINGFIELD

Harley Company The, Page Boulevard.....River 910

NEW JERSEY

HOBOKEN

Fischer Sweeny Bronze Co, 13th and Grand .....Hoboken 776

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Company, Rhawn & Hegerman Holmesburg..Holmesburg 600

PITTSBURGH

American Manganese Bronze Co, Empire bldg .....Court 1911

BRONZE CASTINGS, BRASS & ALUMINUM

OHIO

BEDFORD

Holmes Wm G Bronze Co The Stop 19 A B C Line Cleveland Subdivision.....Bedford 49

BRONZE CASTINGS AND BRASS CASTINGS

INDIANA

MUNCIE

Machinists Foundry Co, 10th & Macedonia av .....Muncie 687

OHIO

ALLIANCE

Alliance Brass & Bronze Co The, Kelly av.Alliance 63

BRONZE CASTINGS, ROUGH & FINISHED

OHIO

CLEVELAND

Aluminum Castings Co The, 6205 Carnegie av .....Rosedale 3770

BRONZE FORGINGS

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Company, Rhawn & Hegerman Holmesburg..Holmesburg 600

BRONZE IN SHEETS AND COILS

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp .....Waterbury 3960

BRONZE INGOTS

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals) 183-189 Commerce...Liberty 4320
See our Adv., page 32 first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals) 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32 first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals) 233 Broadway.....Barclay 8215
See our Adv., page 32 first page opposite Section 1

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Company, Rhawn & Hegerman Holmesburg..Holmesburg 600

BRONZE AND IRON—ORNAMENTAL

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th.....Bryant 8430

BRONZE, IRON & WIRE WORK

OHIO

CINCINNATI

Cincinnati Mfg Co The, Gest & Evans....West 2519

BRONZE, ORNAMENTAL

NEW YORK

NEW YORK CITY

Tiffany Studios, 361 Madison av.....Murry Hill 5592

BRONZE AND ORNAMENTAL IRON

OHIO

CINCINNATI

Michaels Art Bronze Co The, 230-240 Scott Covington Ky .....South 3100

BRONZE POWDER—GOLD, SILVER & COMPOSITION LEAF

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

Thompson R R Co Inc, 38 W 32d.....Mad Sq 647

BRONZE POWDER MANUFACTURERS

ILLINOIS

CHICAGO

Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
Rosenbush & Soloman Inc, 23-27 S Desplaines .....Monroe 3893

NEW JERSEY

ELIZABETH

Bronze Powder Works Co The, 801 Magnolia av .....Elizabeth 347

NEW YORK

NEW YORK CITY

Baer Bros, 138 West 37th.....Greeley 4106
Du Pont Chemical Works Equitable bldg 120 Bway .....Rector 5727
Ehrmann Ludwig, 288 Bowery.....Spring 1625
Kemp W H Company (Gold Paint, Bronze Liquids, Gilders' Materials) 165-167 Spring .....Spring 1133

OHIO

CLEVELAND

Ohio Bronze Powder Co The, 1120 E 152d..Eddy 4870

BRONZE RODS

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Co, Rhawn & Hegerman Holmesburg.....Holmesburg 600

BRONZE, SHEET, ROD, WIRE & TUBE

MARYLAND

BALTIMORE

Hengerford U T Brass & Copper Co, S E cor Lombard and South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

BRONZE SHEETS

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Company, Rhawn & Hegerman Holmesburg..Holmesburg 600

BRONZE SIGNS

ILLINOIS

CHICAGO

Chicago Architectural Bronze Co, 519 W VanBuren .....Wabash 5496

BRONZE SIGNS AND LETTERS

ILLINOIS

CHICAGO

Klintz A & Co 905 W Randolph.....Haymarket 1196
Marx Zero Sign Works, 126 N Peoria.Haymarket 1197

BRONZE SIGNS—LETTERS—TABLETS

MASSACHUSETTS

BOSTON

Brink C T Inc, 24 Gold.....Bell-Main 7544
.....So Boston 91-92

BRONZE STATUARY AND TABLETS

ILLINOIS

CHICAGO

American Art Bronze Foundry (Jules Berchem prop), 4921-27 W Lake.....Austin 356

BRONZE & STEEL INTERIOR EQUIPMENT & SIGNS

OHIO

CLEVELAND

Barshal Steel Equipment Co The Leader News bldg .....Main 1935

BRONZE TABLETS

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

BRONZE TABLETS AND BANK SIGNS

ILLINOIS

CHICAGO

Chicago Architectural Bronze Co, 519WVanBWabsh 5496
Manton & Smith Company, 1709 W Austin av .....Haymarket 6145

BRONZE TABLETS AND LETTERS

NEW YORK

NEW YORK CITY

Fiske J W Iron Works 78-80 Park pl.....Barclay 6730
Forman Fred P, 1265 Broadway.....Mad Sq 9325

BRONZE TABLETS MEMORIAL

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th..... Bryant 8430

BRONZE TABLETS, ORNAMENTAL BRONZE & BRASS

ILLINOIS

CHICAGO

Johnson-Meier Co 155-157 Wendell.....Superior 5205

BRONZE TABLETS AND RAILINGS

INDIANA

INDIANAPOLIS

Langsenkamp F H, 132 East Georgia. Bell-Main 121
.....Automatic 21-221

BRONZE TABLETS AND SIGNS

NEW YORK

NEW YORK CITY

Abbott W H, 143 West 42d.....Bryant 3929

BRONZE WORK, ORNAMENTAL AND ARCHITECTURAL

ILLINOIS

CHICAGO

Tyler W S Company The, McCormick bldg.Harrison 8860

MASSACHUSETTS

BOSTON

Tyler W S Company, 68 Devonshire....Fort Hill 2667

NEW YORK

NEW YORK CITY

Tyler W S Company, 200, 5th av....Gramercy 4595

OHIO

CLEVELAND

Tyler W S Company, Superior av and E 36th .....Prospect 1673

BROOM AND BRUSH MNFRS.

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978

BROOM CORN

ILLINOIS

CHICAGO

Mahin Shipping & Storage Warehouse 2201-19 Ford av .....Canal 7171

OKLAHOMA

OKLAHOMA CITY

Killinger W E, Broom Mfr. 1812-22 West Main .....Maple 17

BROOM CORN & BROOM MNFRS. SUPPLIES

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water Beekman 3579

TENNESSEE

NASHVILLE

Nashville Broom Supply Co (Thos G Hill, Mgr) 4 S 1st .....Main 4477

BROOM CORN—GREEN COLOR

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

BROOM CORN AND HANDLES TEXAS BROOM CORN

TEXAS

FORT WORTH

Ft Worth Broom Mfrs Supply Co, Box 613 .....Rosedale 3218

BROOM CORN & SUPPLIES

OHIO

CINCINNATI

Jelke F & Son Co The, 53 Walnut.....Main 1191

BROOM HANDLES

ILLINOIS

CHICAGO

Borgeson C E, 4555 Ravenswood av..Ravenswood 9814

BROOM MACHINERY

NEW YORK

AMSTERDAM

Johnson C P, 111 West Main.....Amsterdam 1027-M

BROOM MACHINERY & TOOLS

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

BROOM MANUFACTURERS

ILLINOIS

CHICAGO

Harris Broom Co The, 321 E Grand av...Superior 1350
Howard Broom Co, 4444 Ravenswood av .....Ravenswood 3962

INDIANA

EVANSVILLE

Lasting Broom & Mop Co The, 18-20 Vine .....Evansville 1209

MINNESOTA

ST PAUL

Minnesota Broom Co, Minnesota Transfer .....Midway 6746

NEW JERSEY

TRENTON

Capitol Broom Company, 2 Jefferson.....Trenton 3806

BROOM MANUFACTURERS—CONTINUED

NEW YORK

AMSTERDAM

American Broom & Brush Co, (Brooms, Whisks, Jobbers Broomcorn and Supplies) 21-27 Walnut.....Amsterdam 533

OKLAHOMA

MUSKOGEE

Eagle Broom Company, 321 North Third.Muskogee 950

OKLAHOMA CITY

Killinger W E Broom Mfr, 1812-22 West Main .....Maple 17

WEST VIRGINIA

MOUNDSVILLE

Bardall J C Co, ...Moundsville 69-R

BROOM AND MOP MANUFACTURERS

INDIANA

EVANSVILLE

Evansville Broom Co, 430 Fares av.....Evansville 561

BROOM WIRE

ILLINOIS

CHICAGO

Chicago Steel & Wire Company, 103d & Torrence av.....So Chicago 2140

BRUSH & BROOM FIBRE

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

BRUSH MAKERS SUPPLIES

ILLINOIS

CHICAGO

Jacobi & Co, 1019 W 35th.....Drover 4368
Zeidman Hair Co, 31st and Robinson...McKinley 6192

BRUSHES (FOR BOTTLE, GOBLET AND TOILET CLEANING)

CONNECTICUT

CENTERBROOK

Looby Wm H Brush Works, (Get our prices for Dairy, Sanitary and Goblet Brushes, Immediate deliveries)....Saybrook 149-4

BRUSHES, AIR

ILLINOIS

CHICAGO

Wold Air Brush Mfg Co The, 716 W Madison. .....Monroe 1934

BRUSHES, ALL KINDS; SANITARY WIRE TWISTED

NEW YORK

NEW YORK CITY

Halstel Brush Co, 71-77 Park pl.....Barclay 4383

BRUSHES ARTISTS, AUTOMOBILE AND CARD WRITING

NEW YORK

NEW YORK CITY

Baker Brush Co Inc, 83 Grand.....Canal 1775

BRUSHES—AUTOMOBILE & GENERATOR

OHIO

CLEVELAND

National Carbon Co Inc, Madison av N W and W 117th. Bell-Edgewater 1100 Ohio State-Highland 500

BRUSHES, AUTOMOBILE MOTOR AND GENERATOR

NEW YORK

NEW YORK CITY

Corliss Carbon Co, 114 Liberty.....Rector 6772

BRUSHES AND BROOMS

NEW YORK

NEW YORK CITY

Lewis Samuel, 73 Barclay.....Barclay 5406

BRUSHES CARBON

NEW YORK

NEW YORK CITY

Le Valley Vitae Carbon Brush Co, 521 West 23d .....Chelsea 332

BRUSHES—CARBON FOR ALL PURPOSES—MNFRS

NEW YORK

NEW YORK CITY

Fleck Carbon Co, 71 West Broadway.....Barclay 6796

BRUSHES—CARBON, FOR GENERATORS, ETC.

PENNSYLVANIA

PHILADELPHIA

Calebaugh Self-Lubricating Carbon Co, Inc (Mfrs "No Spark" Self-Lubricating Brushes) 1503 Columbia av Bell-Diamond 4456 .....Keystone-Park 4881-D

BRUSHES AND CLEANING SUPPLIES

ILLINOIS

CHICAGO

Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

BRUSHES—FLAX SWABS—MANUFACTURERS

OHIO

HAMILTON

Buchmann John & Co, 1125 Grand bl.Hamilton 1753-R

BRUSHES, FOUNTAIN—STENCIL

MISSOURI

ST LOUIS

Garvey Fountain Brush & Ink Co, 7th & Howard .....Tyler 365

BRUSHES, HAIR AND TOILET

OHIO

TOLEDO

Rooney John J Co The, 821-835 Hamilton .....Ohio State-Main 4766

BRUSHES, HAND, WHEEL, WIRE, SCRATCH

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56 Wall.Hanover 4260

BRUSHES, HOUSEHOLD, VARNISH AND PAINT

NEW YORK

NEW YORK CITY

Hayes Duster Co, 5-7 W 4th.....Spring 383

BRUSHES, MANUFACTURERS

GEORGIA

ATLANTA

Felton D D Brush Co, (Hand & Power, Mills & Factories), 392½ Edgewood.....Ivy 4053

ILLINOIS

CHICAGO

Gerts Lumbard & Co, 221 W Randolph.....Main 3311
Haisler Bros Co, 740 N Franklin.....Superior 8848
Pirrung Mfg Co, 4436 Greenview av..Ravenswood 4785

MICHIGAN

DETROIT

India Palmetto Brush Co, 12th and Stanley.North 6627
Michigan Brush Co, 255 Gratiot av....Cadillac 2065-J

MINNESOTA

AUSTIN

Cummings Brush Mfg Co, 205 E Maple.Austin 55-J-1

NEW HAMPSHIRE

MANCHESTER

Felton S A & Son Co, (Hand & Power, Mills & Factories) West Brook...Manchester 204

NEW YORK

NEW YORK CITY

Atlantic Comb Works, 10-12 East 38th.Vanderbilt 4691
Bradley & Smith, 249-251 Pearl.....Beekman 180
Gutzler George F Inc, 28 Rodney, Bklyn.Wmsburg 21
Holton & Adams, 29 E 22d.....Gramrcy 4279
Kelly E J (Everything in brushes) 127 Reade .....Worth 791
Sekine I Company Inc, 114-116 E 16th.Stuyvesant 2206
Wolf's S Sons, 753, 9th av.....Colmbus 228

OHIO

CINCINNATI

Bromwell Brush & Wire Goods Co The, 612 W 6th .....West 1074

BRUSHES MNFRS, ALL KINDS

ILLINOIS

CHICAGO

Empire Brush Works, 1311 N Robey...Humboldt 1624

BRUSHES, MANUFACTURERS & DEALERS

OHIO

CINCINNATI

Union Brush & Wire Goods Co The, 1007 Walnut .....Canal 728

BRUSHES, MOTOR & GENERATOR

MICHIGAN

SAGINAW

United States Graphite Co The, Saginaw. Saginaw 71

NEW YORK

NEW YORK CITY

Forliss Carbon Co, 114 Liberty.....Rector 6772

BRUSHES—MOTOR, GENERATOR & COMPRESSOR

OHIO

CLEVELAND

ational Carbon Co Inc, Madison av NW & W 117th....Bell-Edgewater 1100 Ohio State-Highland 500

BRUSHES, RUBBER FOR ALL MACHINES

ILLINOIS

CHICAGO

anitary Bottle Washing Co Ltd, 217 W Illinois .....Franklin 3832

BRUSHES, SHAVING

NEW YORK

NEW YORK CITY

deral Supply & Mfg Co Inc The, 2 Stone. Broad 2433

BRUSHES, TOOTH, HAIR, HAND, CLOTH AND HAT

NEW YORK

NEW YORK CITY

oto Manufacturing & Trading Co, 81 East 17th ..... Stuyvesant 3155

BRUSHES, TWISTED WIRE

ILLINOIS

CHICAGO

erican Brush Corporation, 1222 W Madison .....Haymarket 3810

ford Brush Co, 544 W Lake.....Franklin 3796

BRUSHES, WIRE, BRISTLE AND FIBRE

WISCONSIN

MILWAUKEE

ulee C C Co, 46, 7th.....Grand 1657

waukee Brush Manufacturing Co The, 51-65 Erie .....Main 2097

BRUSHES, WIRE BUTCHER BLOCK BRUSHES

PENNSYLVANIA

PHILADELPHIA

Eagle Brush Mfg Co, 218 N 4th.....Market 1797

BRUSHES—WIRE GAUZE FOR DYNAMOS & MOTORS

OHIO

TROY

Ohio Electric Specialty Mfg Co The, 423 East Franklin .....Troy 176

BUCKETS—CLAMSHELL

CALIFORNIA

SAN FRANCISCO

Brown Hoisting Machinery Co The, (H D Wright) Monadnock bldg .....Sutter 411

ILLINOIS

CHICAGO

Brown Hoisting Machinery Co The, (J P Case) 208 S Lasalle .....Wabash 5963

NEW YORK

NEW YORK CITY

Brown Hoisting Machinery Co The, (Richard Devens) 50 Church.....Cortland 3798

OHIO

CLEVELAND

Brown Hoisting Machinery Co The, 4408 St Clair av .....Prospect 1640

OREGON

PORTLAND

Colby Engineering Co The, 70 First.....Main 6416

PENNSYLVANIA

PITTSBURGH

Brown Hoisting Machinery Co The, (H C Torrance) Oliver bldg .....Grant 2694

BUCKETS (CLAM SHELL) DERRICKS, FITTINGS, WINCHES

NEW YORK

NEW YORK CITY

Green G S Co Inc, 74 Warren.....Barclay 8688

PENNSYLVANIA

PITTSBURGH

Pittsburgh Machinery & Equipment Co, Fulton bldg .....Grant 3047

BUCKETS—ELEVATOR

PENNSYLVANIA

CARBONDALE

Hendrick Mfg Co, 89-75 Dundaff.....Carbondale 221

BUCKETS—MILL & ELEVATOR

OHIO

SALEM

Clark W J Co The, 190 Depot.....Salem 352

BUCKLES

NEW YORK

NEW YORK CITY

Rothschild & Co, 30 W Houston.....Spring 8736

RHODE ISLAND

PROVIDENCE

Kewcot Manufacturing Co, 86 Page.....Union 6334

BUCKLES—BRASS & STEEL

CONNECTICUT

NAUGATUCK

Russell John M Mfg Co The Inc.....Naugatuck 454

BUCKLES, CELLULOID, PEARL AND METAL NOVELTIES

NEW YORK

NEW YORK CITY

Reinheimer A & Bro, 11 W 25th.....Farragut 9717

BUCKLES—CLOTHING

CONNECTICUT

WATERBURY

Patent Button Co The, 41 Brown.....Waterbury 3380

BUCKLES FOR LADIES' GENTS' & CHILDREN'S BELTS

CONNECTICUT

MOODUS

Hadley Smith Mfg Co The.....East Hampton 38-13

BUCKLES AND LOOPS (OVERALLS)

CONNECTICUT

NEW HAVEN

Wire Novelty Mnfg Co The, ...West 25

See our Catalog Space, page 1025

BUCKLES, SHEET METAL, WIRE & CAST

CONNECTICUT

MOODUS

Hadley Smith Mfg Co The.....East Hampton 38-13

BUFFING MACHINES, AUTOMATIC

NEW YORK

BUFFALO

Automatic Buffing Machine Co, 56-58 Indiana .....Seneca 1700

BUFFING & POLISHING MACHINES

ILLINOIS

CHICAGO

Partridge E O, 2039 2049 W Lake.....West 2039

BUFFING & POLISHING WHEELS

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56 Wall. Hanover 4260

BUFFING WHEEL MNFRS.

OHIO

CINCINNATI

Nickel Adolph Mfg Co, 715 Sycamore.....Canal 5017

BUFFS, COTTON, MUSLIN, AND JEWELERS

CONNECTICUT

DANIELSON

Williamsville Buff Mfg Co, 24 School...Danielson 181

BUILDERS

MASSACHUSETTS

WORCESTER

Ward E D, 82 Foster.....Park 580

BUILDERS EQUIPMENT MILL SUPPLIES

INDIANA

INDIANAPOLIS

Hoover Equipment Co, 239 East Ohio.....Main 2417

BUILDERS FINISH, SASH, DOORS, BLINDS, ETC.

RHODE ISLAND

PAWTUCKET

Pawtucket Sash & Blind Co, 24 Mason.Pawtucket 785

BUILDERS HARDWARE

ILLINOIS

STERLING

National Mfg Co, 17 E 2d.....Main 68

OHIO

CLEVELAND

Peck Stow & Wilcox Co The, 2176 W 3d.Harvard 1939

BUILDERS HARDWARE MANUFACTURERS

NEBRASKA

BEATRICE

Kees F D Mfg Co.....Beatrice 761-W

BUILDERS IRON WORK

PENNSYLVANIA

PHILADELPHIA

Matthews S G and Co, 2016 W Lippincott.....Bell-Tioga 2397 Keystone-Park 670

BUILDERS OF SPECIAL TOOLS

OHIO

DAYTON

Dayton Stamping & Tool Co The, 34[illegible] 35[illegible] Xenia av.....East 234

BUILDERS SUPPLIES

ILLINOIS

CHICAGO

Cornell Wood Products Co, 175 W Jackson bl.....Harrison 2634

MARYLAND

BALTIMORE

Pen-Mar Co Inc, Monroe and Lorman....Madison 3872

OHIO

CINCINNATI

Huber Builders Material Co The, 48-50 Vine.Main-1657

BUILDERS SUPPLIES AND CONTRACTORS SUPPLIES

WEST VIRGINIA

FAIRMONT

Fairmont Wall Plaster Co,.....Fairmont 1520

BUILDERS SUPPLIES AND SPECIALTIES

PENNSYLVANIA

PITTSBURGH

Houston Brothers Co Chamber of Commerce bldg.....Grant 6480

BUILDING ALTERATIONS GENERAL

ILLINOIS

CHICAGO

Hendry Alexander, 320 W Grand av.....Superior 2125

BUILDING CONTRACTORS

PENNSYLVANIA

PITTSBURGH

Moorhead H S & Co, 220 South Highland av.....Hiland 2757

BUILDING MATERIAL—SECOND HAND

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877, 620 East 14th.....Forsyth 9280
Seagrist Co, 1094 Brook av.....Melrose 1143
Seagrist House Wrecking Corp, 533 E 18th.....Gramercy 6584

BUILDING MATERIALS

CONNECTICUT

STAMFORD

Bounty A E Co The, Pacific st South of R R.....Stamford 1900

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

VIRGINIA

PETERSBURG

Burgess D H & Co, Mechanics bldg..Petersburg 1693

BUILDING PAPERS

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott, Tyler & Sou Ry.....Main 1163

BUILDING PAPERS, QUILTS AND FELTS

ILLINOIS

CHICAGO

Union Insulating Co, 20 W Jackson bl..Harrison 1848

BUILDING RAISERS & MOVERS

ILLINOIS

CHICAGO

Crowe Bros, 133 W Washington.....Main 3158
Friestedt L P Co, Tribune bldg.....Randolph 296

NEW YORK

NEW YORK CITY

Friestedt Underpinning Co, Woolworth bldg.....Barclay 5644

OHIO

CLEVELAND

Alexander G & Son Co The, 2460 East 93d.....Bell-Garfield 3833 Ohio State-Princeton 2095-W

BUILDING REPORTS

ILLINOIS

CHICAGO

American Contractor The, 6 N Michigan av.Central 3874
Dodge F W Co, Monadnock blk.....Harrison 6775

MASSACHUSETTS

BOSTON

Dodge F W Co, 114 Federal.....Main 6795

MINNESOTA

MINNEAPOLIS

Dodge F W Co, 407 South 4th.....Nicollet 4150

NEW YORK

NEW YORK CITY

Dodge F W Co, 119 West 40th.....Bryant 4800

PENNSYLVANIA

PHILADELPHIA

Dodge F W Co, 1211 Arch.....Locust 4326

PITTSBURGH

Dodge F W Co, Bessemer bldg.....Court 1457

BUILDING SPECIALTIES (AGENTS & DEALERS)

NEW YORK

ROCHESTER

Building Specialties Co Inc, 176 Clinton av S.Main 695

BUILDING TRIMMINGS (ORNAMENTAL CONCRETE)

ILLINOIS

CHICAGO

Schmidt Alvin A, 4447-4463 Ravenswd av Ravenswd 313[illegible]

BUILDING WRECKERS

MASSACHUSETTS

BOSTON

Swift-McNutt Company, 70 Devonshire..Fort Hill 5805

WORCESTER

Swift-McNutt Company, Park bldg.....Park 708

BUILDINGS, PORTABLE, GALVANIZED STEEL

MARYLAND

BALTIMORE

Pruden C D Co The, Warner and Dock....South 596
See our Catalog Space, page 926

MASSACHUSETTS

BOSTON

Pruden C D Co The, (H C Langille) 95 Hunt av .....Back Bay 3638
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Pruden C D Co The, (Leigh Pruden) 56 Pine .....John 2080
See our Catalog Space, page 926

PENNSYLVANIA

PHILADELPHIA

Pruden C D Co The, (F H Whiteman) 140 N 6th .....Market 2464
See our Catalog Space, page 926

BUILDINGS, PORTABLE, GALVANIZED STEEL OR STUCCO

PENNSYLVANIA

PHILADELPHIA

Loister M & Co, 3931 N 5th.....Tioga 2984

BUILDINGS, STEEL

PENNSYLVANIA

BETHLEHEM

uerber Engineering Co The, Bell-Bethlehem 576
9th and Lehigh av.....Keystone 76-J

BUILDINGS, WOOD HOUSES, BARNS & GARAGES

MICHIGAN

BAY CITY

Liddin Co The (Readi-Cut).....Bay City 715

SAGINAW

cClure Co The, (Readi-Cut) Hess and Sheridan .....Saginaw 315

BULLETIN BOARDS (CHANGEABLE)

ILLINOIS

CHICAGO

ablet & Ticket Co The, 624WAdams.Haymarket 3883

BUNTING—SIGNAL FLAG

MISSOURI

ST LOUIS

ttlosen Manufacturing Co, Park & Dolman, Dept D.....Sidney 3700

BURGLAR ALARM SYSTEMS

ILLINOIS

CHICAGO

Protective Alliance The, 76 W Monroe..Randolph 7930

BURGLARY INSURANCE

ARKANSAS

LITTLE ROCK

National Surety Company, (Charles K Jones, Mgr) 311 Gazette bldg.....Main 7272

CALIFORNIA

LOS ANGELES

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr & in charge of Arizona) Citizens Bank bldg.....Main 6859

SAN FRANCISCO

National Surety Company (Frank L Gilbert, V Pres & Pacific Coast Mgr & in charge of California & Nevada) 105 Montgomery.....Sutter 2636

COLORADO

DENVER

National Surety Company (Ralph W Smith, Vice Pres & Mgr Western Dept in charge of Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado & New Mexico) Coronado bldg .....Main 852

DISTRICT OF COLUMBIA

WASHINGTON

National Surety Company (Wm H Rousaville, Mgr) 524 Munsey bldg.....Main 414

GEORGIA

ATLANTA

National Surety Company (Wm L McCalley Jr, South Eastern Mgr), Atlanta National Bank bldg .....Main 1422

INDIANA

INDIANAPOLIS

National Surety Company (Julius P McGravel, Mgr) Fletcher Savings & Trust bldg.....Main 1539

KANSAS

KANSAS CITY

National Surety Company (I J Talbott, Mgr) Portsmouth bldg .....West 327

MARYLAND

BALTIMORE

National Surety Company (Max Ways, Genl Agt), Union Trust bldg.....St Paul 3888

MASSACHUSETTS

WORCESTER

National Surety Company (John C Jefferds, Jr, District Mgr for Worcester County), State Mutual bldg .....Park 1536

MICHIGAN

LANSING

National Surety Company (Geo D Heaton, Mgr Western Michigan) Capital Natl Bank bldg .....Lansing 2229

MISSISSIPPI

JACKSON

National Surety Company (William A Montgomery, Mgr) Merchants Bank bldg.....Jackson 329

MISSOURI

KANSAS CITY

National Surety Company (P O Draper, Genl Agt Western Missouri), 312 Commerce bldg..Main 2264

ST LOUIS

National Surety Company (Leslie J Nichols, Genl Agt for Eastern Mo & So Ill) Pierce bldg.Olive 1026

MONTANA

HELENA

National Surety Company (Robt S King, Mgr), National Bank of Montana bldg.....Helena 580

NEBRASKA

LINCOLN

National Surety Company (Commercial Investment Company, Genl Agt) 1301 N St .....Lincoln 1212

NEW JERSEY

CAMDEN

National Surety Company (Cecil B Myer, Mgr) 405 Market.....Camden 1718

JERSEY CITY

National Surety Company (P E Wiles, Mgr Hudson & Bergen Counties) 15 Exchange place .....Montgomery 4147

NEWARK

National Surety Company (Franklin M Wolf, State Mgr) Prudential bldg.....Market 4921

NEW YORK

NEW YORK CITY

National Surety Company (Daniel A McCann, Vice Pres) 192 Montague, Bklyn.....Main 4480
National Surety Company (Home Office) 115 Broadway .....Rector 8000

NORTH CAROLINA

GREENSBORO

National Surety Company (Max T Payne, Mgr) Benbow Arcade.....Greensboro 157

OHIO

COLUMBUS

National Surety Company (A W Geissinger, Mgr) Huntington Bank bldg.....Main 2576

OREGON

PORTLAND

National Surety Company (V H Galloway, Mgr), Corbett bldg.....Marshall 2191

SOUTH CAROLINA

CHARLESTON

National Surety Company (Robt T Ravenel, Mgr) 53 Broad.....Charleston 436

TEXAS

AUSTIN

National Surety Company (Ernest L Early, State Mgr) Scarbrough bldg.....Austin 2020

VIRGINIA

RICHMOND

National Surety Company (Arthur M Cannon, Mgr) American Natl Bk bldg.Madison 7650

BURIAL VAULTS

ILLINOIS

CHICAGO

Chicago Cement Burial Vault & Casket Co, 5301 Ravenswood av....Ravenswood 314

BURLAP BAG MARKING COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt .....John 1625

BURLAP BARREL COVERS

MASSACHUSETTS

BOSTON

Casey William H, 69 Atlantic av.....Richmond 942

BURLAP AND BURLAP BAGS

MARYLAND

BALTIMORE

Foster Chas T & Co, 931 S.Wolfe..... Wolfe 5900

MASSACHUSETTS

BOSTON

Chase H & L, 267 Atlantic av.....Main 649

CHELSEA

Cutler H & Co, 96 Second.....Chelsea 212

NEW YORK

BUFFALO

Buffalo Burlap Co Inc, 57-59 Adams.....Howard 2291

NEW YORK CITY

Logie James & Co, 42 Broadway.....Broad 4854

BURLAP IMPORTERS

ILLINOIS

CHICAGO

Central Bag Mnfg Co, 3622-30 Iron.....Yards 7420

BURLAP IMPORTERS & BAG MANUFACTURERS

WISCONSIN

MILWAUKEE

Milwaukee Bag Co, 206-220 South Water.Hanover 3022

BURLAPS

MASSACHUSETTS

CHELSEA

Cutler & Brickman, 170 Second.....Chelsea 535-W

NEW YORK

NEW YORK CITY

Acme Burlap Bag Co, 89 Waterbury, Bklyn.Stagg 2700
See our Catalog Space, page 919
Bell Bag Co Inc, 61 Front.....Hanover 682
See our Catalog Space, page 919
Farmers Bag & Burlap Co Inc, 11 Gold....John 716
Halsted E S & Co, 64 Pearl.....Broad 3467
International Bag Co, 116 Broad..Bowling Green 9575

BURLAPS AND CANVASES FOR INTERIOR DECORATING

NEW YORK

NEW YORK CITY

Richter Mfg Co, 131 E 23d..... Gramercy 1316

BURLAPS—PIECE & BALE

MARYLAND

BALTIMORE

Bell Bag Co Inc, 1812 Thames.....Wolfe 2100
See our Catalog Space, page 919

BURNERS (OIL AND GAS)

ILLINOIS

CHICAGO

American Shop Equipment Co, 332 S Michigan av .....Harrison 541

NEW YORK

NEW YORK CITY

American Shop Equipment Co, 30 Church.Cortland 640

BURNERS—PULVERIZED COAL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

BURNING BRANDS & BRANDING IRONS

NEW YORK

NEW YORK CITY

Bishop Thomas H, 126 William.....Beekman 672

BURRS & WASHERS, MNFRS. SMALL SIZES

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

BUSHINGS (GRAPHITE—BRONZE—STEEL)

ILLINOIS

CHICAGO

National Equipment Co, 125-127 S Racine av .....Monroe 4036

BUSHINGS—PORCELAIN

ILLINOIS

CHICAGO

Harter Mfg Company, 522 S Clinton...Harrison 2436

BUSHINGS, ROUGH & FINISHED

OHIO

CLEVELAND

Aluminum Castings Co The, 6205 Carnegie av .....Rosedale 3770
Buckeye Brass & Mfg Co, 1807 Columbus Rd.Main 1621

BUSHINGS, WOOD

INDIANA

SOUTH BEND

Stephenson Mfg Co, 168 E Tutt .....Main 201

BUSINESS BROKERS AND COUNSELORS

PENNSYLVANIA

PITTSBURGH

Business Exchange, Union Arcade bldg, P O Box 988.....Grant 4569

BUSINESS COLLEGES

CALIFORNIA

SAN FRANCISCO

Heald's Business College, 1216 Van Ness av .....Prospect 1540

MASSACHUSETTS

BOSTON

Burdett College, 18 Boylston.....Beach 1765

MINNESOTA

MINNEAPOLIS

Minnesota School of Business 627 First av N .....Bell-Nicollet 1830
.....Tri State 32292

ST. PAUL

Rasmussen, Practical Business School 353 Minnesota .....Cedar 5333

BUSINESS COUNSELORS

ILLINOIS

CHICAGO

Rankin Wm H Company, 104 S Michigan av .....Randolph 6600
Woodwards Incorporated, 910 S Michigan av .....Harrison 6763

NEW YORK

NEW YORK CITY

Rankin Wm H Co, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 510 Fifth av.Murray Hill 8417

BUSINESS COUNSELORS & FINANCIAL RECONSTRUCTIONISTS

NEBRASKA

OMAHA

Schroeder George, Railway Exchange bldg.Douglas 3261

BUSINESS EDUCATION FOR HIGH SCH. & COL. GRADUATES

MINNESOTA

MINNEAPOLIS

Collegiate Business Institute, Nicollet at Tenth .....Bell-Main 4630
.....Tri State 37702

BUSINESS SYSTEMS AND X-RAY LEDGERS

IOWA

CEDAR RAPIDS

Lefebure Ledger Co, 101 E Ave W...Cedar Rapids 619

BUSINESS TRAINING

CALIFORNIA

SAN FRANCISCO

Alexander Hamilton Institute, 219 Holbrook bldg .....Sutter 6555
See our Catalog Space, page 927

CANADA

TORONTO, ONTARIO

Alexander Hamilton Institute, 608 C P R bldg .....Adelaide 4616
See our Catalog Space, page 927

ILLINOIS

CHICAGO

Alexander Hamilton Institute, Transportation bldg, 608 Dearborn.....Harrison 8207
See our Catalog Space, page 927

MASSACHUSETTS

BOSTON

Alexander Hamilton Institute, 14 Federal .....Fort Hill 3608-09
See our Catalog Space, page 927

MISSOURI

KANSAS CITY

Alexander Hamilton Institute, Lathrop bldg..Main 470
See our Catalog Space, page 927

NEW YORK

NEW YORK CITY

Alexander Hamilton Institute, 13 Astor pl. Spring 10100
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Hamilton Alexander Institute, 13 Astor pl. Spring 10100
See our Catalog Space, page 927

PENNSYLVANIA

PHILADELPHIA

Alexander Hamilton Institute, Bulletin bldg ..... Walnut 5608
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PITTSBURGH

Alexander Hamilton Institute, Jenkins Arcade bldg ..... Grant 6867
See our Catalog Space, page 927

BUTCHERS' SUPPLIES

ILLINOIS

CHICAGO

Bromann Bros, Fulton and Peoria sts..... Monroe 4082
Oppenheimer S & Co, 2700 S Wabash av Calumet 5444

NEW YORK

NEW YORK CITY

Oppenheimer S & Co, 96-100 Pearl..... Broad 4410

BUTTER, CHEESE AND EGGS

ILLINOIS

CHICAGO

Merrill & Eldredge, 160 N Market..... Franklin 5334

EVANSTON

North Shore Creamery Co, 1806 Sherman av ..... Evanston 2630

OHIO

CINCINNATI

Godar & Grieme, 140 W Court..... Canal 1667
Jelke F & Son Co The, 58 Walnut..... Main 1191

BUTTER CREAM SPECIALTIES—MANUFACTURERS OF

OHIO

CINCINNATI

Nuss Confectionery Co The, 311-317 W 3d.. Main 3076

BUTTER CUTTING MACHINES

NEW YORK

NEW YORK CITY

Standard Butter Cutter Co, 244 Greenwich. Barclay 9953

BUTTER—MANUFACTURERS OF CREAMERY BUTTER

OHIO

CINCINNATI

Cincinnati Creamery Co The, 943-949 Carr.. West 1929

BUTTER TUBS

ILLINOIS

ELGIN

Elgin Butter Tub Co, Elgin..... Elgin 169

BUTTERINE

OHIO

CINCINNATI

Ohio Butterine Co The, 46-50 Walnut..... Main 411

BUTTON COLORS AND DYES

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt..... John 1625

BUTTON COVERING MACHINES & BUTTON MNFRS' SUPPLIES

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 48-47 W 24th ..... Farragut 3730
Menkin S Inc, 145 West 28th..... Farragut 3420

BUTTON DIES

NEW YORK

NEW YORK CITY

Weidhorn I A (Promoters, Producers & Designers of Manufactures Tools, Moulds & Machines for Covered & Metal Buttons) 227-229 W 29th ..... Chelsea 7382

BUTTON DYERS, ENGRAVERS AND MFRS.

NEW YORK

NEW YORK CITY

Artistic Pearl Button Co (Buttons Decorated, Colored, Engraved to order), 322 E 75th. Rhnlndr 3498

BUTTON MACHINERY

NEW YORK

NEW YORK CITY

Holub-Dusha Co, 1797-1807 First av..... Lenox 913

BUTTON MACHINES, DIES AND PARTS

ILLINOIS

CHICAGO

Illinois Modern Button & Machine Co, 2407 W Ohio ..... Seeley 442
Independent Button & Machine Co, 1808 Irving Park bl..... Graceland 7180
Maxant Button & Supply Co, 118-124 S Clinton ..... Main 4037

BUTTONS (MANUFACTURERS)

NEW YORK

NEW YORK CITY

Haurowitz & Goldberg (Direct Manufacturers and Importers. Buttons and Buckles of every description. "Something new all the time.") 41-43 W 25th..... Farragut 9540

BUTTONS (MANUFACTURERS AND IMPORTERS)

NEW YORK

NEW YORK CITY

Holub-Dusha Co, 1797-1807 First av..... Lenox 913

BUTTONS—ADVERTISING

ILLINOIS

CHICAGO

American Badge Co, 141-143 W Austin av. Franklin 330
Geraghty & Company, 3035-37 W Lake.. Kedzie 401

BUTTONS, ADVERTISING CELLULOID

ILLINOIS

CHICAGO

Carroll J B Co, cor Carroll & Albany avs. Kedzie 496

BUTTONS, BONE

CALIFORNIA

SAN FRANCISCO

Western Button Factory Inc, 619 Sansome. Sutter 2680

BUTTONS, BUCKLES, TAPES

NEW YORK

NEW YORK CITY

Schlansky Samuel P 5 Elizabeth..... Franklin 784

BUTTONS (MFRS.) CELLULOID

MARYLAND

BALTIMORE

Lucke Badge & Button Co, 1826 N Fulton av ..... Madison 706

BUTTONS (MNFRS.) CLOTH COVERED, UPHLSTG & IVORY

ILLINOIS

CHICAGO

Independent Button & Machine Co, 1808 Irving Park bl..... Graceland 7180

OHIO

CINCINNATI

Laber Walter L 11 W 5th..... Main 3782

BUTTONS CLOTH COVERED, PLEATING & HEMSTITCHING

OHIO

CINCINNATI

Banasch Albert Co The, 512 Race..... Canal 3922-L

BUTTONS (MNFRS.) METAL—CELLULOID FOR SOCIETIES,

NEW YORK

NEW YORK CITY

Kraus I, 134 Clinton..... Orchard 1728

PENNSYLVANIA

PHILADELPHIA

Philadelphia Badge Co, 942 Market..... Filbert 3976

BUTTONS, (MANUFACTURERS) PEARL

ILLINOIS

CHICAGO

Popp James & Co, 401 S Clinton..... Wabash 5429

NEW YORK

NEW YORK CITY

Patent Pearl Button Works, 24 E 23d.. Gramercy 5385
Zguris Paul, 21-25 E Houston..... Spring 1768

BUTTONS (MFRS.) PEARL, COVERED AND CROCHET

NEW YORK

NEW YORK CITY

Imperial Button Co, 7 West 22d.....Gramercy 5879

BUTTONS (MFRS.)—RAINCOAT

NEW YORK

NEW YORK CITY

Alpha Button Co Inc, 835 Broadway....Stuyvsnt 5929

BUTTONS (MFRS.)—SHOE

NEW YORK

NEW YORK CITY

Alpha Button Co Inc, 835 Broadway....Stuyvsnt 5929

BUTTONS (MANUFACTURERS) TROUSERS & CLOTHING

NEW YORK

NEW YORK CITY

King James E & Co, 1133 Bway.....Farragut 3778

BUTTONS (MFRS.)—VEGETABLE IVORY

NEW JERSEY

NEW BRUNSWICK

Janeway Button Co, Corner Guilden and Cortlandt .....New Brunswick 700

BUTTONS, MEN'S METAL

CONNECTICUT

WATERBURY

Patent Button Co The, (Sew-on buttons of all kinds. Buttons attached with Metallic fasteners and machines for attaching same) 41 Brown .....Waterbury 3380

CABINET MAKERS

ILLINOIS

CHICAGO

Churchill Cabinet Co, 2119 Churchill...Humboldt 1913
Crampton Manufacturing Co, 1518 E 53d.Midway 784

MICHIGAN

NILES

Original Cabinet Co, Howard and 9th.....Niles 15

NEW YORK

NEW YORK CITY

Bronstein J (Get our estimate before sending out contract. Architectural Cabinet Work of Every Description) 166 William.....Beekman 3139
New York Wood Working Corporation, 506 E 19th .....Grameroy 3239
See our Catalog Space, page 1026
Pinto John P, 612 W 55th.....Columbus 8492

CABINET MAKERS—ANYTHING IN WOOD WORK

ILLINOIS

CHICAGO

Inter Ocean Cabinet Co, 822-826 S Paulina.West 3319

CABINET MAKERS—FURNITURE REPRODUCTIONS, ETC.

ILLINOIS

CHICAGO

La Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

CABINET MKRS—SPECIAL WOOD WORK

PENNSYLVANIA

PHILADELPHIA

Sjostrom John E Co Inc, 1715 N 10th .....Bell-Diamond 4710 Keystone-Park 14

CABINET SPECIAL WORK

ILLINOIS

CHICAGO

Artistic Grille Works, 3808 Normal av.....Yards 356
Churchill Cabinet Co, 2119 Churchill...Humboldt 1913
Fiorentine Special Furniture Co, 227-233 W Huron .....Superior 7062
LaPierre Henry M, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026
Schick Johnson Co, 1737-45 N Paulina.Haymarket 3957
Schweizer & West Mfg Co, 310-322 N Ada.Monroe 1839

OHIO

CINCINNATI

Cincinnati Cabinet Co, 2266 Bogen.....West 1097

CABINET & STAIR MANUFACTURERS "MILL WORK"

MISSOURI

ST LOUIS

Reinhardt John W Stair Co, 25 S 15th.....Main 2333

CABINET WORK ALL KINDS

INDIANA

PERU

Standard Cabinet Mfg Co.....Main 493-W

CABINET WORK—SMALL (FINISHED HARDWOOD BOXES, ETC.)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

CABINET WORK, SPECIAL FURNITURE, STORE FIXTURES

CONNECTICUT

BETHEL

Bethel Rustic Works Co.....Danbury 868-14

CABINETS, STEEL FILING

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th.....Bell-Rosedale 3036 Ohio State-Princeton 222

CABLE GRIPS

NEW YORK

SKANEATELES

Universal Cable Grip Co.....Skaneateles 201
See our Catalog Space, page 934

CABLES—ELEVATOR, ANNUNCIATOR, LIGHT, CONTROL, STAGE

NEW YORK

NEW YORK CITY

Knickerbocker Annunciator Co, 116 West.Cortlandt 2301

CABLEWAY EXCAVATORS

ILLINOIS

CHICAGO

Sauerman Bros, Monadnock blk.....Harrison 4029

CALCIUM CHLORIDE

NEW YORK

NEW YORK CITY

Griffiths K F & Co, 81 Fulton.....Beekman 2238
Schwenker W M Inc, 340-342-344 E 92d..Lenox 435

CALCULATING MACHINES

CALIFORNIA

LOS ANGELES

Monroe Calculating Machine Co, Manual-Broadway 592
Van Nuys bldg.....Automatic 2188
See our Catalog Space, page 905

OAKLAND

Marchant Calculating Machine Co, 4th & Powell Emeryville .....Piedmont 6500

SAN FRANCISCO

Monroe Calculating Machine Co, 417 Market .....Douglas 3575
See our Catalog Space, page 905

CANADA

MONTREAL, QUEBEC

Monroe Calculating Machine Co.....Main 8415
See our Catalog Space, page 905

TORONTO, ONTARIO

Monroe Calculating Machine Co, 88 Bay.Adelaide 2269
See our Catalog Space, page 905

COLORADO

DENVER

Monroe Calculating Machine Co, 1639 Champa.Main 1024
See our Catalog Space, page 905

CONNECTICUT

HARTFORD

Monroe Calculating Machine Co, 647 Main.Charter 750
See our Catalog Space, page 905

DISTRICT OF COLUMBIA

WASHINGTON

Monroe Calculating Machine Co, 722, 13th N W .....Main 444
See our Catalog Space, page 905

GEORGIA

ATLANTA

Monroe Calculating Machine Co, Healey bldg .....Ivy 460
See our Catalog Space, page 905

ILLINOIS

CHICAGO

Monroe Calculating Machine Co, 330 W Monroe .....Franklin 84
See our Catalog Space, page 905

INDIANA

INDIANAPOLIS

Monroe Calculating Machine Co, Hume Mansure bldg ..... Main 6207
See our Catalog Space, page 905

IOWA

DAVENPORT

Monroe Calculating Machine Co, 324 Main ..... Davenport 3000
See our Catalog Space, page 905

LOUISIANA

NEW ORLEANS

Monroe Calculating Machine Co, 416 Gravier. Main 140
See our Catalog Space, page 905

MARYLAND

BALTIMORE

Monroe Calculating Machine Co, Munsey bldg ..... St Paul 3416
See our Catalog Space, page 905

MASSACHUSETTS

BOSTON

Monroe Calculating Machine Co, John Hancock bldg, 200 Devonshire..... Fort Hill 4385
See our Catalog Space, page 905

SPRINGFIELD

Monroe Calculating Machine Co, 128 Worthington ..... River 4851
See our Catalog Space, page 905

WORCESTER

Monroe Calculating Machine Co, Park bldg.. Park 1490
See our Catalog Space, page 905

MICHIGAN

DETROIT

Monroe Calculating Machine Co, Penobscot bldg ..... Cherry 5857
See our Catalog Space, page 905

MINNESOTA

ST PAUL

Monroe Calculating Machine Co, Hackney bldg ..... Tri State 24015
See our Catalog Space, page 905

MISSOURI

KANSAS CITY

Monroe Calculating Machine Co, Republic bldg ..... Main 5036
See our Catalog Space, page 905

ST LOUIS

Monroe Calculating Machine Co, Syndicate Trust bldg ..... Olive 107
See our Catalog Space, page 905

NEBRASKA

OMAHA

Monroe Calculating Machine Co, Brandeis Theatre bldg ..... Douglas 2148
See our Catalog Space, page 905

NEW HAMPSHIRE

LEBANON

Monroe Calculating Machine Co, 13 Green. Lebanon 213
See our Catalog Space, page 905

NEW JERSEY

ORANGE

Monroe Calculating Machine Co, 49 Mitchell. Orange 4389
See our Catalog Space, page 905

NEW YORK

ALBANY

Monroe Calculating Machine Co, Arkay bldg. Main 1569
See our Catalog Space, page 905

BUFFALO

Monroe Calculating Machine Co, Ellicott Sq bldg ..... Seneca 571
See our Catalog Space, page 905

NEW YORK CITY

Monroe Calculating Machine Co, Woolworth bldg ..... Barclay 5174
See our Catalog Space, page 905

ROCHESTER

Monroe Calculating Machine Co, Cutler bldg, 42 East av..... Bell-Main 2225 Rochester-Stone 8343
See our Catalog Space, page 905

SYRACUSE

Monroe Calculating Machine Co, Dillaye Memorial bldg ..... Warren 439
See our Catalog Space, page 905

OHIO

CINCINNATI

Monroe Calculating Machine Co, Union Trust bldg ..... Main 1178
See our Catalog Space, page 905

CLEVELAND

Monroe Calculating Machine Co, Citizens bldg ..... Main 5761
See our Catalog Space, page 905

OKLAHOMA

OKLAHOMA CITY

Monroe Calculating Machine Co (W E Hoskinson), 1615 N Kline..... Maple 525
See our Catalog Space, page 905

TULSA

Monroe Calculating Machine Co, 508 S Main. Osage 6610
See our Catalog Space, page 905

OREGON

PORTLAND

Monroe Calculating Machine Co, 110, 6th.... Main 2285
See our Catalog Space, page 905

PENNSYLVANIA

PHILADELPHIA

Monroe Calculating Machine Co, New Stock Exchange bldg..... Spruce 457
See our Catalog Space, page 905

PITTSBURGH

Monroe Calculating Machine Co, Park bldg. Grant 6270
See our Catalog Space, page 905

WILKES-BARRE

Monroe Calculating Machine Co, Peoples Bank bldg ..... Wilkes Barre 1723
See our Catalog Space, page 905

RHODE ISLAND

PROVIDENCE

Monroe Calculating Machine Co, Turks Head bldg ..... Union 3450-W
See our Catalog Space, page 905

SOUTH CAROLINA

GREENVILLE

Monroe Calculating Machine Co, Bank of Commerce bldg ..... Greenville 2622
See our Catalog Space, page 905

TEXAS

DALLAS

Monroe Calculating Machine Co, Oriental Hotel ..... Main 5130
See our Catalog Space, page 905

HOUSTON

Monroe Calculating Machine Co, Beatty bldg ..... Preston 1556
See our Catalog Space, page 905

UTAH

SALT LAKE CITY

Monroe Calculating Machine Co, 131 S Main ..... Wasatch 4321
See our Catalog Space, page 905

VIRGINIA

RICHMOND

Monroe Calculating Machine Co, Lyric bldg ..... Randolph 3781
See our Catalog Space, page 905

WASHINGTON

SEATTLE

Monroe Calculating Machine Co, Leary bldg. Elliott 2618
See our Catalog Space, page 905

CALCULATING MACHINES—ALL MAKES BOUGHT, SOLD

NEW YORK

NEW YORK CITY

Adding Machine Inspection & Sales Co, 206 Bway ..... Cortland 6739

CALCULATING MACHINES REBUILT

ILLINOIS

CHICAGO

Rotter W A, Monadnock blk..... Harrison 7721

CALENDAR MNFRS. COMMERCIAL (DAILY, WEEKLY & MONTHLY)

ILLINOIS

CHICAGO

Hoodwin J W Co, 2949-53 W Vanburen.. Garfield 1702

PENNSYLVANIA

PHILADELPHIA

Herold Press The, 15 & Wallace..... Poplar 2245

WISCONSIN

MILWAUKEE

Herold Press The, 433 Broadway..... Main 411

CALENDAR PAD DESIGNERS, MANUFACTURERS, ETC.

NEW YORK

NEW YORK CITY

Wiebush Calendar Importing Co, (Calendars for the Printer and Jobber) 354 Broadway ..... Franklin 2130

CALENDAR PADS

ILLINOIS

CHICAGO

Goes Lithographing Co 42 W 61st.... Wentworth 452

CALENDARS

ILLINOIS

CHICAGO

Commercial Art Engraving Co, 440 S Dearborn ..... Bell-Harrison 4124 Automatic 61-920

NEW YORK

BUFFALO

Buffalo Art Mfg Co Inc, 700 Main..... Tupper 5952-J
Offermann F J Art Works, 299 Broadway ..... Bell-Howard 449 Federal 24-327

NEW YORK CITY

Wiebush Calendar Importing Co, (Calendars for the Printer and Jobber) 354 Broadway ..... Franklin 2130

OHIO

CINCINNATI

Jung Geo H Co The, Advertisers blk Canal st. Canal 3018

TOLEDO

Toledo Calendar Co The, 811 Cherry. Ohio State B-6034

CALENDARS, PERPETUAL DAILY DATE

IOWA

WATERLOO

Parrott Matt & Sons Co.....Waterloo 1135

CALF MEAL

ILLINOIS

WAUKEGAN

Blatchford Calf Meal Company.....Waukegan 317

CALKING

ILLINOIS

CHICAGO

Advance Calking Co, 180 N Dearborn....Central 1802

CAM CUTTING

ILLINOIS

CHICAGO

Redington F B Co, 112-114 SSangamon.Haymarket 681

CAM AND GEAR CUTTING

NEW YORK

NEW YORK CITY

Cooney-Dunn Co, 72 Grand.....Canal 1700

CAMERA & PHOTOGRAPHIC REPAIRS & SUPPLIES

NEW YORK

NEW YORK CITY

Archinal Adam, 61 Fulton.....Beekman 4083

CAMERAS AND KODAKS, SOLD OR EXCHANGED

ILLINOIS

CHICAGO

Central Camera Co (Send for our Catalog), 124 S Wabash av.....Central 5963

CAMP CHAIRS (TO HIRE)

NEW YORK

NEW YORK CITY

Hopper J M (Willis E Stafford & Son) 120-122 Livingston Bklyn .....Main 180

CAMP FURNITURE

NEW YORK

NEW YORK CITY

Telescope Cot Bed Co The, 535 E 79th...Lenox 7500

CAN FILLING MACHINERY

NEW YORK

BUFFALO

Crandall Can Filler Machine Co, 1890 Niagara .....North 3108-W

CAN MACHINERY

NEW YORK

MOUNT VERNON

Westchester Machine Co, 8-10 Brookdale pl .....Mt Vernon 3332

CAN MAKING MACHINERY

CONNECTICUT

BRIDGEPORT

Ams Max Machine Co The, Scofield av...Barnum 5780

ILLINOIS

CHICAGO

McDonald Machine Co, 3207 Shields av....Drover 5224
Stecher Charles Co The, 1574-1580 Crossing .....Monroe 4886
Wold Torris & Co, 240 N Ashland av.....West 551

CAN OPENER AND HOLDERS FOR CONDENSED MILK CANS

MICHIGAN

DETROIT

Perfo Stamping Works, 30 Bates st.....Cadillac 2548

CANCELLING MACHINES & PERFORATORS

ILLINOIS

CHICAGO

Cummins B F Co The, 4740 Ravenswood av .....Edgewater 2580

NEW YORK

NEW YORK CITY

Cummins B F Co The, 261 Broadway....Barclay 6472

CANCERTORIUMS & SANITARIUMS

NEW YORK

BINGHAMTON

Binghamton CanCertorium & Sanitarium, 254-256 Conklin av.....Binghamton 1061-J

CANDLE HOLDERS FOR BIRTHDAY PARTIES

NEW YORK

NEW YORK CITY

Kashmer Co The, 8 Cooper sq.....Spring 6716

CANDLES

NEW YORK

NEW YORK CITY

Columbia Wax Works, 749-751 East 137th. .....Melrose 2783
Gross A & Co, 90 West.....Rector 1521

CANDY SEALS, PLAIN & EMBOSSED

ILLINOIS

CHICAGO

Willson H H Co, 501 S Dearborn.....Harrison 2129

CANISTERS & BINS—TEA, COFFEE, ETC.

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

CANNED FOODS

ILLINOIS

CHICAGO

Paver J M Co The, 130 N Wells.....Main 946

CANNED GOODS—CIDER VINEGAR, CHERRIES, FRESH BOXED APPLES

COLORADO

CANON CITY

Round Crest Fruit & Canning Companies The, 8th and Water.....Canon 112

CANNED SPAGHETTI, MACARONI & SAUCES

NEW JERSEY

JERSEY CITY

Vineland Preserving Co, 234 Orient av....Bergen 4500

CANNED VEGETABLES & FRUITS

NEW YORK

SPRINGVILLE

Springville Canning Co The.....Springville 128-R

CANNING MACHINERY

NEW YORK

SILVER CREEK

Huntley Manufacturing Co, 10 Mechanic .....Silver Creek 163

CANNING OUTFITS (FRUITS AND VEGETABLES)

TENNESSEE

CHATTANOOGA

Southern Canner & Evaporator Co, 327 E Main .....Main 2450

CANOES

OHIO

SALEM

Mullins W H Company The, Depot .....Bell-Salem 800, Ohio State 355

CANS

CALIFORNIA

LOS ANGELES

American Can Co, 4801 Santa Fe.....South 420

SAN FRANCISCO

American Can Co, Mills bldg.....Douglas 1300

COLORADO

DENVER

American Can Co, Foster bldg.....Main 3049

GEORGIA

ATLANTA

American Can Co, Marietta and Jones av...Main 1225

ILLINOIS

CHICAGO

American Can Co, Monroe bldg.....Randolph 2191

INDIANA

INDIANAPOLIS

American Can Co, Merchants Nat'l Bank bldg.Main 3164

LOUISIANA

NEW ORLEANS

American Can Co, Cortez and Toulouse....Galvez 80

MARYLAND

BALTIMORE

American Can Co, Packers Can Dept (Cans for Packers) Maryland Trust bldg....St Paul 5880
American Can Co, Oak & 26th.....Homewd 500
Southern Can Co, 717 S Wolfe.....Wolfe 1982

MASSACHUSETTS

BOSTON

American Can Co of Mass, 9 Binford.....Main 4872
National Can Company, 36 Washington North .....Richmond 467
New Can Co The, 91 Fulton .....Main 504

MICHIGAN

DETROIT

American Can Co, Russell and Twombley..North 5560
National Can Company, East Grand bl at Dequindre .....North 3300

MINNESOTA

ST PAUL

American Can Co, 747 Prior av.....Midway 283

MISSOURI

KANSAS CITY

American Can Co, 14 Campbell St No.....North 8

ST LOUIS

American Can Co, Branch and Hall.....Tyler 3040

NEW JERSEY

NEWARK

American Can Co, Johnson and McWhorter.Mulberry 105

NEW YORK

BUFFALO

American Can Co, Marine Bank bldg.....Seneca 819

NEW YORK CITY

American Can Co (General Offices) 120 Broadway .....Rector 6900
American Can Co (Atlantic District Sales Office) 447 W 14th.....Chelsea 4700
Gotham Can Co, 60 Eagle Bklyn.....Greenpoint 2841
Pelletier Napoleon, 2d nr Broad Maspeth Bklyn .....Newtown 1760

ROCHESTER

American Can Co, Powers bldg.....Main 2670

OHIO

CINCINNATI

American Can Co, 2d Nat'l Bk bldg.....Canal 4092

CLEVELAND

American Can Co, 1677 E 40th.....Rosedale 5850

TOLEDO

American Can Co .....Forest 29

OREGON

PORTLAND

American Can Co, Failing bldg.....Marshall 2800

PENNSYLVANIA

PHILADELPHIA

American Can Co, Allen, Palmer & Beach.Kensgtn 871

PITTSBURGH

American Can Co, Westinghouse bldg.....Grant 970

TEXAS

DALLAS

American Can Co, Southwestern Life bldg...Main 4108

VIRGINIA

RICHMOND

American Can Co, 2401 Venable.....Madison 5445

WISCONSIN

MILWAUKEE

American Can Co, 428 Grand av.....Grand 2508

CANS—APPROVED SAFETY & OILY WASTE

ILLINOIS

CHICAGO

Justrite Mfg Co, 2062 Southport av.....Diversey 2114
Non Explosive Can & Tube Co, 127 S Green .....Monroe 1059

CANS—ASH & GARBAGE

OHIO

CINCINNATI

Witt Cornice Co, 2118-24 Winchell av.....West 2882

CANS & BOXES

PENNSYLVANIA

PHILADELPHIA

Clarke Can Co (Druggist Tin Ware, Tanks, Measures, Etc) se cor 12th & Fitzwater.Walnut 3867

CANS (MANUFACTURERS) COAL AND BUILDERS SUPP.

OHIO

SALEM

Salem Builders Supply Co, 240 Bell-Salem 96
Depot .....Ohio State 96

CANS, CONE TOP, METAL POLISH

ILLINOIS

CHICAGO

Giles J S & Sons, 2428 W 16th.....Canal 1704

CANS, GALVANIZED IRON—ASH & GARBAGE

OHIO

CINCINNATI

Cincinnati Galvanizing Co, McMicken av and Tafel .....West 3860

CANS, OIL

PENNSYLVANIA

PITTSBURGH

Gem Manufacturing Co, Goebel near Fulton.Cedar 2233

CANS, OILY WASTE & SAFETY

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

CANS, PAPER

ILLINOIS

CHICAGO

Ritchie W C & Co, 412 S Green.....Haymarket 4102
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CANS, PAPER OR FIBRE

ILLINOIS

CHICAGO

Ritchie W C & Company, 412 S Green Haymarket 4102
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LOUISIANA

NEW ORLEANS

St Louis Paper Can & Tube Co (Thomas Dunne Co, Reps), 415-417 Natchez.....Main 4083
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MICHIGAN

DETROIT

Ritchie W C & Company (Lou G Harris) New Telegraph bldg .....Cadillac 5376
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MINNESOTA

MINNEAPOLIS

Ritchie W C & Company (L T Abbott), Bell-Main 3310
New York Life bldg .....Tri State 32-831
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St Louis Paper Can & Tube Co, (L T Abbott, Rep), N Y Life bldg....Bell-Main 3310 Tri State 32-831
See our Catalog Space, page 928

MISSOURI

KANSAS CITY

Ritchie W C & Company (Thompson-Munro-Robins) 1201 Union av.....Main 253
See our Catalog Space, page 987
St Louis Paper Can & Tube Co (A S Barada & Co, Reps), 2018 Guinotte av Bell-Main 1757
.....Home-Main 9099
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ST LOUIS

St Louis Paper Can & Tube Co, 4400 N Union av .....Colfax 160
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NEW YORK

BUFFALO

St Louis Paper Can & Tube Co (B H Westcott, Rep), Ellicott sq.....Seneca 4923
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OHIO

CINCINNATI

Ritchie W C & Company (Turner Sales Co) Gwynne bldg .....Canal 1751
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PENNSYLVANIA

PITTSBURGH

Ritchie W C & Company (Robt Hoffman Co) McCance blk .....Grant 1310
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TENNESSEE

MEMPHIS

Ritchie W C & Company (W B Bayless Co) 440 N Main.....Main 2228
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St Louis Paper Can & Tube Co (Rosemore Co, Reps), Rand bldg.....Main 2511
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TEXAS

DALLAS

St Louis Paper Can & Tube Co (M M Hinton, Rep), 1711 Griffin.....Main 4175
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CANS, PLAIN & LITHOGRAPHED

PENNSYLVANIA

PHILADELPHIA

Ritter Manufacturing Co, 1543 N Hutchinson ..... Bell-Poplar 716 Keystone-Park 1430

CANS (MFGRS.) TIN AND IRON

TEXAS

HOUSTON

Moncrief Lenoir Mfg Co, 2101 Conti.... Preston 1267

CANVAS BAGS AND CANVAS GOODS

PENNSYLVANIA

PHILADELPHIA

Lindh Charles E Inc, 9th and Spring Garden. Poplar 5091

CANVAS BAGS, COVERS AND TENTS

PENNSYLVANIA

PHILADELPHIA

Vanderherchen Wm H, 414 & 416 Callowhill ..... Market 946

CANVAS BELTING

OHIO

AKRON

Akron Belting Co The, 70-74 Canal ..... Bell-Main 240 Ohio State 1240

CANVAS COVERING, NEW & OLD

NEW YORK

NEW YORK CITY

Curtin John Inc, 2 South..... Bowling Green 8866

CANVAS COVERS

MARYLAND

BALTIMORE

Hooper Wm E & Sons Co, 3502 Parkdale av ..... Madison 570

MINNESOTA

MINNEAPOLIS

Hoigaard C J Co, 30 Washington av ..... Bell-Nicollet 2320 Tri State 31883

NEW YORK

NEW YORK CITY

Smith Arthur F, 261-267 Canal.. Telephone Connection
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PENNSYLVANIA

PHILADELPHIA

Humphrys D O Co, 909 Filbert ..... Bell-Walnut 510 Keystone-Race 3528

CANVAS COVERS, ARMY TENTS, NEW & SECOND HAND

NEW YORK

NEW YORK CITY

Kane Edward J, 59 Ann..... Beekman 5436

CANVAS COVERS & SACKS

MARYLAND

BALTIMORE

Hooper Wm E & Sons Co, 3502 Parkdale av ..... Madison 570

CANVAS GOODS

CONNECTICUT

NEW HAVEN

Cunningham J & Son Inc, 51 Elm..... Liberty 788

NEW YORK

NEW YORK CITY

Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope Canvas Slings) Marine Basin ft Hubbard, Bklyn ..... Bath Beach 2084

CANVAS SACKS

MARYLAND

BALTIMORE

Hooper Wm E & Sons Co 3502 Parkdale av. Madison 570

CANVAS TARPAULINS, COVERS, STOCK AND TO ORDER

MICHIGAN

DETROIT

Dafoe-Eustice Co, 340 E Jefferson..... Main 1211

CANVAS—WATERPROOFING

NEW YORK

NEW YORK CITY

Longyear & Co, 253 Pearl ..... Beekman 1531

CANVASES & BURLAPS FOR INTERIOR DECORATING

NEW JERSEY

TENAFLY

Richter Mfg Co, Franklin st..... Englewd 113

CAP SCREW MANUFACTURERS

INDIANA

MUNCIE

Muncie Cap & Set Screw Co, Williard and Hoyt av ..... Main 1040

CAP SCREWS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av..... Albany 4010

NEW YORK

NEW YORK CITY

Acorn Screw Products & Stamping Co, 217 Centre ..... Canal 642

CAPS (METAL, FOR GLASS JARS & TUMBLERS)

ILLINOIS

CHICAGO

Phoenix-Hermetic Co, 2141 W 16th..... Canal 1704

CAPS (MILK BOTTLE) AND LINERS

NEW YORK

ONEIDA

Smith-Lee Co The (Discs and Liners for use of Confectioners, Chemists, Preservers, Picklers, and Canners) ..... Oneida 550

CAPS, TIN ROOFING

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce N W cor..... Main 1704

CAPS & HATS OF ALL KINDS—MANUFACTURERS

OHIO

TOLEDO

Toledo Cap Manufacturing Co, 404 Jackson av ..... Ohio State-Main 5638

CAPS—UNIFORM

ILLINOIS

CHICAGO

Goebel G A, 18 S Wells..... Main 2586

MISSOURI

ST LOUIS

Goettler Cap Co, 1260 S Broadway..... Olive 2277

CAPS & UNIFORMS

ILLINOIS

CHICAGO

Gleason T C & Co, 173 W Madison..... Main 60

CAPSULES—(GELATINE)

NEW YORK

NEW YORK CITY

Grape Capsule Co, 93 Nassau..... Cortland 530

CAR JOURNAL BRASSES

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Messenger and Elder..... Bell-Johnstown 94 City 2164
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CAR TANKS

ILLINOIS

CHICAGO

Hamler Boiler & Tank Co, 3906 S Halsted.. Yards 947

CAR-TRACING

NEW YORK

BUFFALO

Buffalo Traffic Bureau (Personal Tracing, Freight, Express any Territory) 724 Ellicott Square ..... Seneca 3249-R

CAR UNLOADERS PORTABLE AND TRAVELING

OHIO

RAVENNA

Byers John F Machine Co, 283 Sycamore Ravenna 261

CAR UNLOADERS, RAILROAD—MANUFACTURERS

OHIO

LIMA

East Iron & Machine Co, 354 E Market....Main 3782

CAR WHEELS AND AXLES

PENNSYLVANIA

PITTSBURGH

Pennsylvania Casting & Machine Works 505 Preble av ns .....Cedar 3296

CARAMEL COLORING

NEW YORK

NEW YORK CITY

ries & Fries, 242 Pearl .....John 737
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OHIO

CINCINNATI

ries & Fries, 121-123 W 3d.....Main 2777
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CARBON (TETRACHLORIDE)

NEW YORK

NEW YORK CITY

arner Chemical Co The, 52 Vanderbilt av .....Murry Hil 262

CARBON BRUSHES

NEW YORK

NEW YORK CITY

Valley Vitae Carbon Brush Co, 521 W 23d .....Chelsea 332

CARBON BRUSHES FOR ALL PURPOSES—MNFRS

NEW YORK

NEW YORK CITY

ck Carbon Co, 71 West Broadway.....Barclay 6796

CARBON BRUSHES FOR MOTORS AND GENERATORS

ILLINOIS

DUNDEE

iversal Carbon Co .....Interstate 45-W

NEW YORK

NEW YORK CITY

lies Carbon Co, 114 Liberty.....Rector 6772

PENNSYLVANIA

PHILADELPHIA

ebaugh Self-Lubricating Carbon Co Inc (Mfrs "No Spark" Self-Lubricating Brushes) 1503 Columbia av .....Bell-Diamond 4456 Keystone-Park 4881-D

CARBON DESTROYER, A THIRD MORE POWER (AGTS WANTED)

INDIANA

CRAWFORDSVILLE

Clarke J Q Tank Co, 500 N Walnut.....DE 29

CARBON PAPER—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine.New Brunswick 546

PENNSYLVANIA

PHILADELPHIA

General Manifold & Printing Co, Bourse bldg .....Lombard 3601

CARBON PAPER AND TYPEWRITER RIBBON COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

CARBON PAPER & TYPEWRITER RIBBON MACHINERY—MNFRS.

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine.New Brunswick 546

CARBON PAPER & TYPEWRITER RIBBON MFRS.

NEW YORK

NEW YORK CITY

Fry Silas W Co (Eighty-five grades paper Wholesale, Retail, Export) 101 Beekman..Beekman 3767

OHIO

CLEVELAND

Buckeye Ribbon & Carbon Co The, 1466-68 East 55th .....Rosedale 5521

CARBONATE OF MAGNESIA

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg.Trenton 915

CARBONATED BEVERAGES

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The, (E F McCombs) Citizens Natl Bank bldg.... .....
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COLORADO

MANITOU

Manitou Mineral Water Company The,.....Hyland 12
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DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H st N W.....West 1628
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ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep), 36 S State .....Central 8750
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MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, Rep) 403 N 3d Bell-Olive 904
..... Kinloch-Central 1627
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NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av .....Madison Sq 903
See our Adv. on Backbone & Catalog Space, page 980

CARBONATED WATER

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E F Combs), Citizens Natl Bank bldg.....
See our Adv. on Backbone & Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The,.....Hyland 12
See our Adv. on Backbone & Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H st N W.....West 1628
See our Adv. on Backbone & Catalog Space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The, (B G Earl, Rep), 36 S State .....Central 8750
See our Adv. on Backbone & Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, Rep) 403 N 3d Bell-Olive 904
..... Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av .....Madison Sq 903
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CARBONIC ACID GAS

NEW JERSEY

ELIZABETH

General Carbonic Co, Washington av Linden .....Elizabeth 1626

NEW YORK

ALBANY

General Carbonic Co, Bridge .....Main 503

BUFFALO

General Carbonic Co, 879 Seneca.....Howard 192

NEW YORK CITY

General Carbonic Co,
444 Van Brunt, Bklyn.....Hamilton 2146
1654 Third av.....Lenox 9536
877 Flushing av Bklyn .....Stagg 53

SARATOGA

General Carbonic Co.....Saratoga Springs 67-J

VIRGINIA

NORFOLK

General Carbonic Co .....Norfolk 828

CARBONIZING STEEL TREATMENT, CONSULTATION

ILLINOIS

CHICAGO

Snow Fred A Co, 1942 W Kinzie.....Seeley 1973

CARBONS (MOVING PICTURE AND LIGHTING)

OHIO

CLEVELAND

National Carbon Co Inc, Madison Bell-Edgewater 1100
av NW and W 117th.....Ohio State-Highland 500

CARBONS & BORTZ

NEW YORK

NEW YORK CITY

Byron & Hall, 116 Broad .....Bowling Green 8925

CARBONS & BORTZ (INDUSTRIAL DIAMONDS)

NEW YORK

NEW YORK CITY

Diamond Drill Carbon Co The, 53-63
Park Row .....Beekman 2514

CARBORUNDUM BRICK

NEW JERSEY

PERTH AMBOY

Didier-March Co, Box 327 .....Perth Amboy 476

CARBOSOTA

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

CARBURETOR ADJUSTERS

PENNSYLVANIA

PHILADELPHIA

Goodrich Lenhart Mfg Co The (Automatic Thermostat Carburetor Adjuster Regulates flow of gasoline by engine temperature, saving 35 to 90% gasoline consumption), Widener bldg .....Walnut 2727

CARBURETOR ADJUSTERS (DASH & POST)

NEW JERSEY

NEWARK

Breeze Manufacturing Company The, 248-
250 South .....Market 4734

CARBURETOR PIT COCKS

MICHIGAN

DETROIT

Lincoln Brass Works, 291, 12th.....Glendale 1886

CARBURETORS

ILLINOIS

CHICAGO

Findeisen & Kropf Mfg Co (Rayfield Carburetor),
21st and Rockwell.....Lawndale 3561
National Equipment Co, 125-127 S Racine
av .....Monroe 4036

MICHIGAN

DETROIT

Gardner Carburetor & Brass Works, 201
Summit .....West 201
Penberthy Injector Co, 362 Holden av.....North 904

FLINT

Marvel Carburetor Co, 619 Mill Flint 7
.....Flint 8

NEBRASKA

OMAHA

United States Carburetor Co, 701 S 13th.Douglas 1290

NEW YORK

BUFFALO

Mayer Carburetor Co, 2673 Main.....Crescent 666-W

CARBURETORS, KEROSENE

ILLINOIS

WAUKEGAN

Linga Company The (In successful use everywhere), Terminal bldg.....Waukegan 718

NEBRASKA

NEBRASKA CITY

Duff R A Engineering Co.....Nebraska City 146

OMAHA

United States Carburetor Co, 701 S 13th.Douglas 1290

CARD DEVICES—HINGED

ILLINOIS

CHICAGO

Meilicke Calculator Co, 350 N Clark....Franklin 995

CARD INDEX CABINETS (CLOTH COVERED)

NEW YORK

NEW YORK CITY

Sainburg L & Son, 65-67 W Houston....Spring 9842

CARD INDEX SYSTEMS

NEW YORK

NEW YORK CITY

Hull M Indexing Bureau, 220 Bway.....Cortland 4968
See our Catalog Space, page 928

CARD INDEX SYSTEMS AND SUPPLIES

NEW YORK

NEW YORK CITY

Koller & Smith Company Inc, 159
Leonard .....Franklin 980

CARD MOUNTING

NEW YORK

NEW YORK CITY

Mounting & Finishing Co Inc The, 68, 34th
Bklyn .....Sunset 5335

CARDBOARD MUSIC

NEW YORK

NEW YORK CITY

Molinari G & Son, 112, 32d Bklyn.....South 1779

CARDBOARDS

ILLINOIS

CHICAGO

Megargee-Hare Paper Co, 327 S LaSalle
st .....Harrison 2660
See our Catalog Space, page 991
Moser Paper Co, 621-631 Plymouth ct....Wabash 2718

PENNSYLVANIA

PHILADELPHIA

Megargee-Hare Paper Co, 12 S 6th Bell-Market 1711
st .....Keystone-Main 4100
See our Catalog Space, page 991

CARGO SURVEYORS—APPRAISERS

CALIFORNIA

SAN FRANCISCO

Griffin F & Co, 341 Montgomery.....Garfield 224

CARNIVAL SUPPLIES

ILLINOIS

CHICAGO

Evans H C & Co, 1528 W Adams....Haymarket 763

CAROUSEL ORGANS

NEW YORK

NEW YORK CITY

Molinari G & Son, 112, 32d Bklyn.....South 177

CARPENTER CONTRACTORS

NEW YORK

BUFFALO

Forrest Chas, 46 E Mohawk.....Seneca 459

CARPENTERS AND BUILDERS

CONNECTICUT

SOUTH NORWALK

Waldron A & Son, 29 Haviland.....South Norwalk 4

ILLINOIS

CHICAGO

Hendry Alexander, 320 W Grand av.....Superior 23

CARPENTERS' WOOD PLANES—BENCH AND FANCY

OHIO

SANDUSKY

Sandusky Tool Co, Meigs tool or Bell-Main
Market .....Ohio State

CARPET CLEANERS

ILLINOIS

CHICAGO

American Pneumatic Carpet Cleaning Co, 1035 W Lake ..... Monroe 1495

CARPET CLEANERS AND RUG WEAVERS

MICHIGAN

DETROIT

Detroit Rug Works, 52 Baltimore av E... Market 6090

CARPET COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt..... John 1625

CARPET AND RUG CLEANERS

NEW YORK

NEW YORK CITY

Jordan's New York Carpet Cleaning Wks, 437 W 45th..... Bryant 4692
Long Island Carpet Cleaning Co, 7th and Webster avs ..... Astoria 1990

CARPET & UPHOLSTERY MANUFACTURERS' JOURNALS

NEW YORK

NEW YORK CITY

merican Carpet & Upholstery Journal, 41 Union Square ..... Stuyvesant 5220

PENNSYLVANIA

PHILADELPHIA

merican Carpet & Upholstery Journal, 421 Chestnut ..... Lombard 1205

CARPETS

ILLINOIS

CHICAGO

ichardson O W & Co, Wabash av and Congress ..... Harrison 6931

MASSACHUSETTS

BOSTON

xbury Carpet Co, 100 Summer..... Fort Hill 6220

NEW YORK

NEW YORK CITY

ler H Leonard & Co, 2 & 4 Stone..... Broad 1309
nges Simon & Son, 83 Av A..... Orchard 6686
See our Catalog Space, page 928

ARPETS, AUTOMOBILE

NEW YORK

NEW YORK CITY

senbury Louis & Co Inc, 229, 4th av... Stuyvsnt 7498

ARPETS AND RUGS

NEW YORK

NEW YORK CITY

ery Christopher Co, 149 Broadway.. Cortland 1942

CARPETS AND RUGS (WHOLESALE)

ILLINOIS

CHICAGO

American Rug & Carpet Co, 910 S Michigan av ..... Harrison 4338

CARRIAGE BOLTS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av..... Albany 4010

CARRIAGE TRIMMINGS

ILLINOIS

CHICAGO

Hoof Bros Co, 232 W Randolph..... Franklin 4748

CARRIAGES

ILLINOIS

MOLINE

Velie Motors Corporation, 25 Velie pl..... Moline 1161

NEW JERSEY

BURLINGTON

Birch James H..... Burlington 310

CARS—FREIGHT & PASSENGER

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg.... Main 1740

CARS—FREIGHT AND PASSENGER—LOCOS NEW & 2ND HAND

PENNSYLVANIA

PITTSBURGH

American Railway Equipment Co, Diamond Bank bldg ..... Court 2637

CARS, INDUSTRIAL

ILLINOIS

CHICAGO

Easton Car & Construction Co, McCormick bldg, 332 S Michigan av..... Harrison 374

NEW YORK

NEW YORK CITY

Easton Car & Construction Co, 30 Church. Cortland 1198
Kilbourne & Jacobs Mfg Co The, 25 Broad. Broad 4699

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co The, Bell-Main 91
Lincoln & Congress..... Ohio State 8368

PENNSYLVANIA

EASTON

Easton Car & Construction Co, 22 Centre Square ..... Easton 2660

PITTSBURGH

Easton Car & Construction Co, Farmers Bank bldg ..... Grant 1844

CARS—MINING AND INDUSTRIAL

MICHIGAN

DETROIT

Russel Wheel & Foundry Co, Chene and Beltline RR ..... Ridge 3260

CARS, PASSENGER AND FREIGHT—SECOND HAND—REBUILT

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway..... Bowling Green 9167

CARS, RAILWAY (FREIGHT, PASSENGER, ETC.)

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg ..... Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive.... Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Broadway ..... Cortland 8110

CARS SECOND HAND & REBUILT

NEW YORK

NEW YORK CITY

Hoisting Machinery Co, 50 Church..... Cortland 1992

CARS AND TRACK—INDUSTRIAL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Switches, turntables, rails, portable track) 28 Church ..... Cortland 7673

CARTON FILLING & CLOSING MACHINES

ILLINOIS

CHICAGO

Redington F B Co, 112-114 SSangamon. Haymarket 681

CARTON SEALERS

PENNSYLVANIA

PHILADELPHIA

American Machinery Co Inc, cor 12th & Callowhill ..... Locust 3892

CARTON SEALING & WRAPPING MACHINES (AUTOMATIC)

MASSACHUSETTS

BOSTON

National Packaging Machinery Co, 172-180 Green Jamaica Plain ..... Jamaica 420

CARTONS

CALIFORNIA

SAN FRANCISCO

Schmidt Lithograph Co, 2d and Bryant... Douglas 200

ILLINOIS

CHICAGO

Chicago Label & Box Co, 312-328 N May. Monroe 5094

CARTONS, BUTTER-PARAFFINED

ILLINOIS

CICERO

Vavra E H & Co.....Lawndale 3708

MISSOURI

ST LOUIS

Doane Carton Co, 912-22 North Market....Tyler 120

CARTONS, FOLDING PAPER

COLORADO

DENVER

Chicago Carton Company (T A Dixon Co, Rep), 1526 Blake.....Champa 645
See our Catalog Space, page 989

ILLINOIS

CHICAGO

Chicago Carton Company, 4433 Ogden av .....Lawndale 906
See our Catalog Space, page 989

MISSOURI

ST LOUIS

Chicago Carton Company (Julian Maas, Rep), Chemical bldg...Bell-Olive 4921 Kinloch Central 1521
See our Catalog Space, page 989

UTAH

SALT LAKE CITY

Chicago Carton Company (Paul J Dixon, Rep), Felt bldg.....Wasatch 8633
See our Catalog Space, page 989

CARTONS, FOR ALL PURPOSES

GEORGIA

ATLANTA

National Paper Co (National Folding), Simpson, Elliott & Tyler and Sou Ry....Main 1163

CARTONS, PARAFFINED

MICHIGAN

KALAMAZOO

Kalamazoo Sanitary Carton Co, Lincoln av .....Kalamazoo 4848

CARTS

NEW YORK

NEW YORK CITY

Kilbourne & Jacobs Mfg Co The, 25 Broad..Broad 4699

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co The, Lincoln & Congress.....Bell-Main 91 Ohio State 8368

CARVED ART FURNITURE

NEW YORK

NEW YORK CITY

Russo I & Co, 519 West 45th.....Bryant 4551

CARVERS HIGH GRADE WOOD CARVINGS

ILLINOIS

CHICAGO

Kopresa E Co, 2220 Ward .....Lincoln 2726

CARVERS, WOOD

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
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CARVING HAND AND MACHINE CARVED MOULDINGS

MICHIGAN

GRAND RAPIDS

Klise Manufacturing Co, 50 Cottage Grove .....Grand Rapids 32-227

CASE HARDENING BOXES

ILLINOIS

CHICAGO

Bell & Gossett Co, 611 W 30th.....Boulevard 2067

NEW JERSEY

GARWOOD

Garwood Bronze & Iron Works, 312 North av .....Westfield 762-W

CASE HARDENING AND CARBONIZING

ILLINOIS

CHICAGO

Myall-Wallace Co, 17 E Austin av.....Randolph 6567

CASE HARDENING & CARBONIZING (NEW PROCESS)

NEBRASKA

OMAHA

Bertschy Manufacturing & Engineering Co, 1915-23 Harney .....Douglas 2552

CASE HARDENING MATERIALS

ILLINOIS

CHICAGO

Bell & Gossett Co, 611 W 30th.....Boulevard 2067
Blaich Alfred O Co, 1954-1964 Clybourn av.Lincoln 194
Ele-Kem Company, 1508-1516 Clybourn av .....Diversey 4410
See our Catalog Space, page 930

MICHIGAN

DETROIT

Park Chemical Company, 29-35 Lovett....Walnut 4481

PENNSYLVANIA

VERONA

Rodman Chemical Co, Plum st .....Oakmont 458

CASE HARDENING-STEEL TREATMENT & CARBONIZING

ILLINOIS

CHICAGO

Snow Fred A Co, 1942 W Kinzie.....Seeley 1973

CASE OR COVER MAKERS FOR ANY STYLE BINDING

MISSOURI

ST LOUIS

Becktold Printing & Book Mfg Co, 200-212 Pine .....Bell-Main 36 Kinloch-Central 2578

CASEMENT WINDOW HARDWARE

ILLINOIS

CHICAGO

Casement Hardware Co The, 9 S Clinton..Franklin 2790
Payson Mfg Co The, 2920 W Jackson bl..Kedzie 988

CASEMENT WINDOW STAYS, OPERATORS & HARDWARE

MISSOURI

ST LOUIS

Monarch Metal Weather Strip Co The, Bell-Lindell 5420
4121 Forest Park bl.....Kinloch-Delmar 485
See our Catalog Space, page 1023

CASES, EYEGLASS, GOGGLE OR SPECTACLE

NEW YORK

ROCHESTER

Kirstein E Sons Co, 242 Andrew.....Main 1764

CASES, TOILET SETS & SILVERWARE

ILLINOIS

CHICAGO

Smith L W Paper Box Co, 320-328 N May .....Monroe 4261

CASH CARRIERS

ILLINOIS

CHICAGO

Universal Tube Co, 145 W Ohio.....Superior 1750

CASH AND PACKAGE CARRIERS

ILLINOIS

CHICAGO

Baldwin James L Carrier Co, 12 N Market.Main 1621

CASH REGISTERS

NEW YORK

NEW YORK CITY

Acme Cash Register Co (National Cash Registers, Bought, Sold, Exchanged; Rebuilt, Refinished, Repaired, Rented. Save you from $5.00 to $500.00. Est 1890) 346 W 42d.....Bryant 1359
See our Catalog Space, page 929
Store Specialties Co The (Dealers Supplied everywhere. National Cash Registers and all other makes Bought, Sold, Exchanged & Rebuilt. Catalog on request), 1472-1480 Bway.Bryant 3156

CASH REGISTERS AUTOGRAPHIC PAPER ROLLS FOR ALL MAKES

INDIANA

NORTH MANCHESTER

Standard Cash Register Co, College av.Manchester 193

CASH REGISTERS BOUGHT, SOLD OR EXCHANGED

ILLINOIS

CHICAGO

Thomas A J Cash Register Exchange, 220 W Randolph .....Franklin 4454

CASH REGISTERS—BOUGHT, SOLD, EXCHANGED & REPAIRED

MINNESOTA

MINNEAPOLIS

Cash Register Exchange, 18 N 6th N W Nicollet 7918 .....Tri State 32874

CASH REGISTERS & SCALES—NEW OR USED

ILLINOIS

CHICAGO

Reliable Store Fixture Co Inc, 448-450 N Wells.....Franklin 3380

CASH REGISTERS, WHOLESALE—PARTS & SUPPLIES

NEW YORK

NEW YORK CITY

Store Specialties Co The (Dealers supplied everywhere. National Cash Registers and all other makes Bought, Sold, Exchanged and Rebuilt. Catalogue on request) 1472-1480 Broadway .....Bryant 3156

CASINO GAMES

ILLINOIS

CHICAGO

Evans H C & Co, 1528 W Adams ....Haymarket 7630

CASKET LOWERING DEVICES

ILLINOIS

CHICAGO

Rigid Fluid Co, 215-217 S Western av....West 937

LOUISIANA

NEW ORLEANS

Rigid Fluid Co (M B Higgins, Agt), 1308 Moss .....Hemlock 2949-W

NEW YORK

NEW YORK CITY

Rigid Fluid Co (E S Alwyn Agt) 489 Manhattan av .....Morngsd 5127

OHIO

CINCINNATI

Rigid Fluid Co (James F Sipe, Agt), 1226 W 9th .....West 512-Y

PENNSYLVANIA

PHILADELPHIA

Rigid Fluid Co (O J Haabestad Agt) 5803 Master .....Belmont 1975-M

CASKET TEXTILE

NEW YORK

NEW YORK CITY

Ostaedt & Company, 104 E 25th.....Mad Sq 4873

CAST IRON EXHAUST HEADS

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

CAST IRON FITTINGS FOR WROUGHT IRON PIPE, MNFRS.

OHIO

DAYTON

Kuhns Brothers, Eaton av.....Main 682

CAST IRON PIPE

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose .....Anniston 58
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BESSEMER

Central Foundry Company The, 730, 22d.Bessemer 44
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HOLT

Central Foundry Company The.....Tuscaloosa 932
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CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg.Kearney 1954
See our Adv. outside Back Cover

GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av .....Harrison 2181
See our Adv. outside Back Cover

INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2d..Main 566
See our Adv. outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk....Wolfe 73
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MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings .....Roxbury 1310
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MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg .....Main 4653
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NEW JERSEY

NEWARK

Central Foundry Company The, ft of Lockwood .....Market 6510
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NEW YORK

MEDINA

Central Foundry Company The, Glenwood av .....Medina 277-W
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NEW YORK CITY

Central Foundry Company The, 90 West..Rector 1860
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PENNSYLVANIA

LANSDALE

Central Foundry Company The .....Lansdale 56
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TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg .....Main 4431
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CAST IRON PULLEYS

ILLINOIS

CHICAGO

Schultz A L & Son, 1677 Elston av.....Monroe 1629

OHIO

CINCINNATI

Standard Pulley Co The, Power & C H & D RR .....Park 318

CAST IRON PULLEYS 6" TO 10" IN DIAMETER

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st, Spring to Bell-Shreveport 851
Commerce .....Home 679

CASTERS

INDIANA

EVANSVILLE

Faultless Caster Co (Casters for all kinds of Furniture), Eichel av and Garvin.....Evansville 265

CASTERS—DOUBLE WHEEL & SINGLE WHEEL

ILLINOIS

CHICAGO

Payson Mfg Co The, 2920 W Jackson bl...Kedzie 988

OHIO

HAMILTON

Hamilton Caster & Mfg Co The, Hanover st .....Hamilton 2035

CASTERS—FOR EVERY PURPOSE

ILLINOIS

CHICAGO

Payson Mfg Co The, 2920 W Jackson bl..Kedzie 988

NEW JERSEY

NEWARK

Universal Caster & Foundry Works (Div of The Bassick Co) 574-600 Ferry...Market 6676

CASTERS—TRUCK—MILL, STORE AND FACTORY

NEW YORK

NEW YORK CITY

Fowl Julius, 119 W 17th.....Chelsea 6186

CASTINGS

INDIANA

HAMMOND

Hammond Malleable Iron Co.....Hammond 3220

MICHIGAN

DETROIT

Wilkinson E F & Co, Fort and 14th.....West 1545

NEW JERSEY

IRVINGTON

Barnett Oscar Fndry Co, Lyons av and Coit st .....Waverly 751

NEW YORK

NEW YORK CITY

Lough Bros (Gray Iron, Malleable and Die Castings) 90 West.....Rector 3655
Kelly John H, 39 Cortlandt.....Cortland 2886
Morris Elmer P, 136 Liberty .....Rector 826

WISCONSIN

MILWAUKEE

Gerlinger Steel Casting Co, 60th & National avs .....W.Allis 19

CASTINGS—ACID OPEN HEARTH ALL SIZES

OHIO

CANTON

Canton Steel Foundry Co, Allen av Bell-Main 3530
S E and B & O R R.....Ohio State 3483

CASTINGS—ACID PROOF METAL

NEW JERSEY

PERTH AMBOY

Chemical Pump & Valve Co The, 327 Gifford .....Perth Amboy 1583

CASTINGS, ACID RESISTANT

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

CASTINGS, ACID RESISTING & GREY IRON

ALABAMA

BIRMINGHAM

United States Cast Iron Pipe & Foundry Co, 1st av & 20th st.....Main 3738

CALIFORNIA

SAN FRANCISCO

United States Cast Iron Pipe & Foundry Co, 3d & Market sts.....Kearney 562

ILLINOIS

CHICAGO

United States Cast Iron Pipe & Foundry Co, 122 S Mich blvd.....Harrison 6863

MISSOURI

ST LOUIS

United States Cast Iron Pipe & Foundry Co, 319 N 4th st.....Olive 549

NEW YORK

BUFFALO

United States Cast Iron Pipe & Foundry Co, 957 East Ferry.....Oxford 239

NEW YORK CITY

United States Cast Iron Pipe & Foundry Co, 71 Broadway .....Rector 655

OHIO

CLEVELAND

United States Cast Iron Pipe & Foundry Co, 1150 E 26th.....Prospect 761

PENNSYLVANIA

PHILADELPHIA

United States Cast Iron Pipe & Foundry Co, 1421 Chestnut st.....Spruce 1000
Wood R D Co, 400 Chestnut st.....Lombard 1020

PITTSBURGH

United States Cast Iron Pipe & Foundry Co, 6th & Smithfield sts.....Grant 767

CASTINGS, BABBITLESS BRONZE, BRASS & ALUMINUM

PENNSYLVANIA

PITTSBURGH

Universal Bronze Co Inc, 1836 Cecil Sharpsburg .....Sharpsburg 728

CASTINGS, BRASS

NEW HAMPSHIRE

PORTSMOUTH

Portsmouth Foundry Co, 138 Bridge.Portsmouth 815-M

CASTINGS—BRASS & BRONZE

OHIO

ALLIANCE

Alliance Brass & Bronze Co, Kelly av....Alliance 63

PENNSYLVANIA

HARRISBURG

Pennsylvania Bronze Foundry, 7th and Emerald .....Harrisburg 1731-J

CASTINGS, BRASS, BRONZE & ALUMINUM

CONNECTICUT

NEW HAVEN

Fritzell Brass Foundry, 33 Chestnut...Liberty 2769-3
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ILLINOIS

MOLINE

Western Pattern & Mfg Co, 428 Third av...Moline 709

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

OHIO

BEDFORD

Holmes Wm G Bronze Co The, Stop 19 A B C Line, Cleveland Subdivision...Bedford 49

CINCINNATI

Pettis W W Co, First Nat Bank bldg.....Main 1715

CLEVELAND

Ideal Bronze Co The, 1261 East 55th..Rosedale 640
Wellman Bronze Co The, 6017 Superior av .....Rosedale 3296

DAYTON

Miami Brass Foundry Co, McDonough and Bacon .....East 1823

LIMA

Lima Metals Foundry Co, Lake & Greenlawn avs .....Main 1439

SALEM

Salem Brass & Bronze Co The, 190 Depot..Salem 1034

CASTINGS—BRASS, BRONZE, COPPER AND ALUMINUM

ALABAMA

BIRMINGHAM

Anderson G L Brass Works Inc, 9th av and 39th .....Main 882

CASTINGS, BRASS, BRONZE & SMALL STEEL

PENNSYLVANIA

HARRISBURG

Harrisburg Brass & Bronze Foundry, 620 S 11th.....Bell-Harrisburg 888 C V 3628

CASTINGS, BRONZE PHOSPHOR

PENNSYLVANIA

PHILADELPHIA

Phosphor Bronze Smelting Co The, 2200 Washington av .....Dickinson 870
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CASTINGS—BRONZE & IRON

NEW YORK

NEW YORK CITY

Pitz & Weber Foundry, Pulitzer bldg...Beekman 1041

CASTINGS—CHEMICAL

ILLINOIS

CHICAGO

Brady James A Foundry Co, 45th and Western bl .....McKinley 3080

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

CASTINGS—CHROME NICKEL & SEMI-STEEL

ILLINOIS

CHICAGO

Kedzie Foundry Co, 3234 W 31st.....Lawndale 1506

CASTINGS, DIE

NEW YORK

NEW YORK CITY

Acme Die-Casting Corp (Accuracy Guaranteed, Aluminum and White Metals), Bush Terminal No. 5, 35th st and 3d av, Bklyn.....Sunset 6443

WISCONSIN

MILWAUKEE

Milwaukee Die Casting Co, 297, 4th.....Grand 1133

CASTINGS—DIE MOLDED

NEW YORK

NEW YORK CITY

Doehler Die Casting Co, Court and 9th sts, Bklyn .....Hamilton 230
See our Catalog Space, page 940

CASTINGS FOR HEAT TREATMENT PROCESSES

NEW JERSEY

GARWOOD

Garwood Bronze & Iron Works, 312 North av .....Westfield 762-W

CASTINGS—GRAY IRON

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose .....Anniston 58
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BESSEMER

Central Foundry Company The, 730, 22d Bessemer 44
See our Adv., Outside Back Cover

HOLT

Central Foundry Company The,.....Tuscaloosa 932
See our Adv., Outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg.Kearney 1954
See our Adv., Outside Back Cover

GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
See our Adv., Outside Back Cover

ILLINOIS

BELVIDERE

National Sewing Machine Co, cor State and Meadow .....Main 25

CHICAGO

Central Foundry Company The, 832 S Michigan av .....Harrison 2181
See our Adv., Outside Back Cover
National Sewing Machine Co, 320 W Madison .....Franklin 4420

DECATUR

Decatur Pump & Mfg Co, 360-380 E Cerro Gordo ..... Decatur 2972

NORTH CHICAGO

Chicago Foundry & Hardware Co, ft Commonwealth av .....North Chicago 577

STREATOR

Patch S B & Sons Co, 202-210 Iowa av..Streator 30

INDIANA

BLUFFTON

Grimes Geo W Co The.....Bluffton 130

INDIANAPOLIS

Enterprise Iron Wks, 1153 E 24th Bell-Woodruff 177
..... Automatic-41-331

VINCENNES

Central Foundry Company The, 1719 N 2d...Main 566
See our Adv., Outside Back Cover

IOWA

CLINTON

Iowa Machine Works,.....Clinton 814-X

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk...Wolfe 73
See our Adv., Outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings..... Roxbury 1310
See our Adv., Outside Back Cover

MICHIGAN

CADILLAC

Cadillac Machine Company Bell-Cadillac 20
.....City 20

DETROIT

Russel Wheel & Foundry Co, Chene & Belt-line RR .....Ridge 3260

SAGINAW

Valley Grey Iron Foundry Co, 105 Bristol .....Saginaw 1587

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldgMain 4653
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NEW HAMPSHIRE

LEBANON

Lebanon Machine Co .....Lebanon 186-11

NEW JERSEY

NEWARK

Central Foundry Company The, ft of Lockwood ..... Market 6510
See our Adv., Outside Back Cover

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

MEDINA

Central Foundry Company The, Glenwood av ..... Medina 277-W
See our Adv., Outside Back Cover

NEW YORK CITY

Central Foundry Company The, 90 West...Rector 1860
See our Adv., Outside Back Cover

OHIO

DAYTON

Dayton Castings Co The, Chapel and Kiser ..... Bell-East 911
.....Ohio State 6772

KENTON

Wilmott G R Co, North Market.....Kenton 1630

MT VERNON

Mt Vernon Foundry & Engineering Co, 400 W Vine .....Citizens 196

SIDNEY

Smith Philip Mfg Co The, Main & Shelby..Sidney 103

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co .....Bloomsburg 88-R

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

DU BOIS

Du Bois Iron Works, N Brady st.. ..Bell-DuBois 5-R
.....Summerville 198-B

LANSDALE

Central Foundry Company The.....Lansdale 56
See our Adv., Outside Back Cover

LEBANON

North Lebanon Foundry Co, 2d and CanalLebanon 595-R

NORTH WALES

North Wales Machine Co Inc (Grinding and Polishing Machinery. Sensitive Drill Presses, Rod Cutters, Emery Wheel Dressers and extra cutters, Hack Saw Machines) Elm av and Center .....North Wales 147

POTTSTOWN

March-Brownback Stove Company The, South & Charlotte sts .....Pottstown 87

READING

Penn Foundry & Mfg Co, Box 182.....Reading 991-X

TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg .....Main 4431
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VIRGINIA

RICHMOND

Starke's Dixie Plow Wks Inc (Grey Iron Contract Work), 7 S 15th.....Madison 2958

CASTINGS—GRAY IRON & BRASS

CALIFORNIA

SAN FRANCISCO

Wood John Mfg Co, 265 Market.....Garfield 1787

ILLINOIS

CHICAGO

Wood John Mfg Co, 321 E Grand av....Superior 4111

MASSACHUSETTS

BOSTON

Wood John Mfg Co, 32 Dorchester av..So Boston 480

NEW YORK

NEW YORK CITY

Wood John Mfg Co, Bush Terminal, Bklyn.Sunset 6483

PENNSYLVANIA

PHILADELPHIA

Wood John Mfg.Co, 1225 Hamilton.....Poplar 7638

CASTINGS—GRAY IRON—JOBBING FOUNDRY

ILLINOIS

DE KALB

Standard Foundry & Mfg Co, Pleasant st..DeKalb 385

MICHIGAN

LANSING

Lansing Foundry Co The, Hazel and Hosmer .....Lansing 1202

OHIO

CLEVELAND

American Range & Foundry Co Bell-Broadway 631
The, 7000 Union av S E.....Ohio State-Union 280
Superior Foundry Co The, 3542 E Bell-Broadway 1030
71st .....Ohio State-Union 156

NEWARK

Simpson Foundry Co The, Sprague Bell-Newark 380-W
& B & O RR.....Ohio State 1380

CASTINGS, GRAY IRON, LIGHT SPECIALTIES

PENNSYLVANIA

READING

Gray Iron Foundry Co, W Green & Bell-Reading 1879
Tulpehocken .....Cons- 292

CASTINGS—GRAY IRON, MACHINE WORK & HEAVY SHEET IRON

OHIO

SEVILLE

Overholt Machine Co The.....Seville 141

CASTINGS GRAY IRON—REBUILT LOCOMOTIVES, GENL MACH WK

LOUISIANA

ALEXANDRIA

Ruston Foundry & Machine Shops Ltd.Alexandria 414

CASTINGS—GRAY IRON & SEMI-STEEL

OHIO

CINCINNATI

Elmwood Castings Co, The Big Four & Murray rd ..... Valley 1091

WISCONSIN

MILWAUKEE

Jaeschke Bros Foundry Co, 3036 Locust..Kilbourn 191
Smith T L Co The, 1105, 32d.....Kilbourn 4100

CASTINGS, IRON, BRASS AND ALUMINUM

ILLINOIS

DECATUR

Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Decatur 2972

MICHIGAN

BAY CITY

Cooley Castings Co.....Bay City 684-R

TEXAS

SAN ANTONIO

Alamo Iron Works, Santa Clara and Montana .....Crocket 69

CASTINGS, IRON, GREY MALLEABLE

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive.....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Broadway .....Cortland 8110

CASTINGS, IRON, STEEL AND BRASS

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Also patterns and machine work), 28 Church.....Cortland 7673

CASTINGS—LARGE LOAM

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut st.....Lombard 1020

CASTINGS—LIGHT GRAY IRON

OHIO

CLEVELAND

Atlas Foundry Co The, Shaw av and Big 4 RR ..... Bell-Edgewater 1403
.....Ohio State-Lorain 1488

CASTINGS, LIGHT AND MEDIUM GRAY IRON

PENNSYLVANIA

BOYERTOWN

Union Mfg Co (Pattern & Machine Work, Nickel-Plating)... Bell-Boyertown 18
...Independent 79-C

CASTINGS, LIGHT SOFT GRAY IRON

INDIANA

NORTH MANCHESTER

North Manchester Fdry Co, North Manchester.River 153

CASTINGS—MACHINERY

ILLINOIS

CHICAGO

Brady James A Foundry Co, 45th & Western bl .....McKinley 3080

CASTINGS, MALLEABLE CAST IRON STEEL, PLAIN-MACHINED

NEW YORK

NEW YORK CITY

Pennell J F, 45 Broadway.....Rector 2729

CASTINGS—MALLEABLE IRON

ILLINOIS

CHICAGO

Chicago Malleable Castings Co, 120th & S Racine av.....Pullman 355
Chisholm-Moore Mfg Co The, Peoples Gas bldg .....Harrison 5506

DECATUR

Decatur Malleable Iron Co Woodford & Curtis .....Main 1754

ROCKFORD

Rockford Malleable Iron Works, Peoples av.Main 1555

INDIANA

RICHMOND

Richmond Malleable Castings Co The, Washington av .....Richmond 3427

IOWA

FAIRFIELD

Iowa Malleable Iron Co, cor 9th and Kirkwood .....Fairfield 421

NEW YORK

NEW YORK CITY

Chisholm-Moore Mfg Co The, 30 Church..Cortland 4545

OHIO

CLEVELAND

Chisholm-Moore Mfg Co The, 5046 Lakeside av .....Rosedale 2926

COLUMBUS

Jeffrey Mfg Co The, 927 N Fourth.....North 2360

SPRINGFIELD

Springfield Malleable Iron Co, C.C.C. Bell-Main 27
St. L. Ry & Beckle av.....Ohio State 27

PENNSYLVANIA

PITTSBURGH

Chisholm-Moore Mfg Co The, H W Oliver bldg .....Grant 1780

CASTINGS—MALLEABLE, SMALL & MEDIUM

OHIO

EAST TOLEDO

United States Malleable Iron Co The, Bell-Navarre 150
Woodville and B.T.RR .....Ohio State-River 150

TOLEDO

Maumee Malleable Castings Co The, Bell-Navarre 2878
Woodville and W. & L.E.RR..Ohio State-River 444

CASTINGS—MOTOR

OHIO

CLEVELAND

Interstate Foundry Co, E 61st and Roland .....Broadway 704

CASTINGS, NICKEL

NEW JERSEY

BAYONNE

Bayonne Casting Co The, Oak st.....Bayonne 1181

CASTINGS AND RODS IN MONEL METAL

NEW JERSEY

BAYONNE

Bayonne Casting Co The, Oak st.....Bayonne 1181

CASTINGS—RY'S BUILDING COTTON MILL MUNICIPAL GRATE

GEORGIA

MACON

Schofield's J S Sons Co, Boundry & HammondMacon 982

CASTINGS—SEMI STEEL AND GRAY IRON

ILLINOIS

GENEVA

Geneva Foundry & Machine Co 6th & Stevens .....Geneva 821

IOWA

FORT MADISON

Continental Machine & Foundry Co....Ft. Madison 31

MARYLAND

FREDERICK

American Foundry & Mfg Co, 100-108 W South .....Frederick 578

CASTINGS, STEEL

ILLINOIS

CHICAGO

Electric Steel Company, 3100 S Wood..McKinley 5410
See our Catalog Space, page 929

INDIANA

HUNTINGTON

Huntington Steel Foundry Co.....Huntington 1378

NEW YORK

BUFFALO

Atlas Steel Casting Co, 1963 Elmwood....North 2275

OHIO

SPRINGFIELD

Ohio Steel Foundry Co The, Lagonda av and DT&I Tracks.....Main 384

TOLEDO

Toledo Steel Castings Co, West Bancroft, Smead & N.Y.C.R.R....Bell-Forest 2643 Ohio State-Park 2643

WISCONSIN

MILWAUKEE

Falk Company, The, ft. of 30th.....West 4622
Wehr Steel Company, 45th av & C & NW Ry Tracks.....West Allis 268

CASTINGS—STEEL, IRON AND BRONZE

OHIO

ALLIANCE

Morgan Engineering Co The, Bway & C & P RR.....Bell-Alliance 500 Ohio State 2214

CASTINGS STEEL, LARGE AND SMALL

NEW YORK

NEW YORK CITY

Detroit Steel Casting Co (P J Ryan Rep) 30 Church.....Cortlandt 1809

CASTINGS, STEEL, MALLEABLE GREY IRON

OHIO

CINCINNATI

Pettis W W Co, First Nat Bank bldg.....Main 1715

CASTINGS, STEEL AND TRUCK WHEELS

OHIO

CLEVELAND

Standard Steel Castings Co, 3311 W 73d.....Edgewater 3888

CASTINGS, STRONG SOFT GRAY IRON CASTINGS

INDIANA

MARION

Marion Gray Iron Foundry Co.....Marion 2001

CASTINGS, VANADIUM ELECTRIC STEEL

MICHIGAN

SAGINAW

Weir S & Son Inc, 514 N Hamilton.....Saginaw 2891

CATALOG BINDERS

NEW YORK

NEW YORK CITY

Gem Binder Co The, 65 West Broadway..Barclay 5927

CATALOG BINDERS, LOOSE LEAF

MICHIGAN

GRAND RAPIDS

Loudfit Loose Leaf Co The, Division at Prescott.....Bell-Main 2747 Citizens 2747
See our Catalog Space, page 971

CATALOG BUILDERS

ILLINOIS

MOLINE

Desaulniers & Co, Caxton blk.....Moline 215

CATALOG MAKERS

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison.....Wabash 2141
Hawtin Engraving Co The, 19 S Wells.....Main 4103
Osgood Co, 430 S Market.....Wabash 2358

CATALOG PRINTERS

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk.....Wabash 3381
See our Catalog Space, page 996

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Unusual inducements in price, quality and speed of production on large editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

TEXAS

SAN ANTONIO

Alamo Printing Co, 601-3 Market.....Crocket 866

CATALOG PRINTERS COMPLETE SERVICE

NEW YORK

NEW YORK CITY

Arrow Press Inc, 324 West 39th.....Greeley 330

CATALOG SERVICE (ARCHITECTURAL)

NEW YORK

NEW YORK CITY

Sweet's Catalogue Service Inc, 119 W 40th.Bryant 4800

CATALOG SERVICE (ENGINEERING)

NEW YORK

NEW YORK CITY

Sweet's Catalogue Service Inc, 119 W 40th.Bryant 4800

CATALOGS

NEW JERSEY

JERSEY CITY

Jersey City Printing Co The, 160 Maple...Bergen 4800

CATALOGS—BINDING CLOTHS & BUCKRAMS FOR CATALOGS

MASSACHUSETTS

NORWOOD

Holliston Mills The.....Norwood 111
See our Catalog Space, page 925

CATERERS

ILLINOIS

CHICAGO

Angela & Company, 220 E 22d.....Calumet 414
Gaper John B, 1412 N Clark.....Superior 254

CATERERS—CONFECTIONERS

NEW YORK

NEW YORK CITY

Mazzetti Louis F, 103 105-10. W 49th.....Circle 2070

CATTLE DIP

FLORIDA

TAMPA

United Chemical Co The, 1403 Franklin...Tampa 3151

CAUSTIC POTS

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av.....Oxford 40

CAUSTIC SODA

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av.....Orchard 8346
Thomson, J. M. & Co., Inc., 521 Broome....Spring 3720
U S Chemical Exchange, 59 Pearl.....Broad 7250

CEDAR PENCIL SLAT MACHINERY

TENNESSEE

NASHVILLE

Estes F L Manufacturing Co, 221, 4th av S..Main.4516

CEILING & ROOFING MFRS. METAL

OHIO

CANTON

Kanneberg Roofing & Ceiling Co The, 935 Robin Court SE.....Bell-Main 264 Ohio State 43

CEILINGS (METAL)

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The (Classik Designs), 300-12, 10th av So.....Bell-Nicollet 534 Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The (Classik Designs), se cor 22d & 11th av.....Chelsea 1408

OHIO

CANTON

Berger Mfg Co The (Classik Designs), Belden av N E.....Bell-Main 3000 Ohio-State 271

CEILINGS (STEEL)

MINNESOTA

ST PAUL

St Paul Roofing Cornice & Ornament Co, S Wabasha & Water.....Bell-Roble 800 Tri-State 25855

MISSOURI

NEVADA

Norman F W Sheet Metal Mfg Co The, 226-246 N Cedar.....Nevada 552

CEILINGS (STEEL) ROOFING, LEADER, GUTTER & SKYLIGHT

OHIO

CANTON

Canton Art Metal Co The, 1221 Tuscarawas ..... Bell-Main 167 Ohio State 167

CELLAR DRAINERS

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

CELLS—JAIL, STEEL TOOL-PROOF

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

CELLULOID

NEW YORK

NEW YORK CITY

A B C Art Works, 105 W 40th.....Bryant 1288
Napier-Browning Co (Everything in Celluloid), 105 W 40th.....Bryant 1288

CELLULOID ADVERTISING BUTTONS & SPECIALTIES

ILLINOIS

CHICAGO

American Badge Co, 141-143 W Austin av.Franklin 330

PENNSYLVANIA

PHILADELPHIA

Philadelphia Badge Co, (For all Campaign Purposes Etc) 942 Market.....Filbert 3976

CELLULOID ADVERTISING NOVELTIES, MACHY & SUPPLIES

ILLINOIS

CHICAGO

Parisian Novelty Co 22d & Lasalle.....Calumet 3706
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CELLULOID ADVERTISING SPECIALTIES

ILLINOIS

CHICAGO

Carroll J B Company, cor Carroll & Albany avs .....Kedzie 496

CELLULOID ADVERTISING SPECIALTIES—MNFRS.

ILLINOIS

CHICAGO

[illegible] 412-418 N Wells..Franklin 4424

CELLULOID BOOKBINDERS

NEW YORK

NEW YORK CITY

Steinberg S & Son, 149-153 Wooster.....Spring 5172

CELLULOID BUTTONS & MIRRORS

NEW YORK

BUFFALO

Offermann F J Art Works, 299 Broadway ..... Bell-Howard 499 Federal-24-327

CELLULOID GOODS

NEW YORK

NEW YORK CITY

Atlantic Comb Works, 10-12 East 38th .....Vanderbilt 4691

RHODE ISLAND

PROVIDENCE

Nichols Mfg. Co., 169 Pine.....Union 7846-W

CELLULOID—HOLIDAY GOODS, MANICURE & TRAVELING SETS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catolague Issued), 65-67 W Houston.....Spring 2367

CELLULOID—SPECIALTIES MANUFACTURERS

NEW JERSEY

SOUTH ORANGE

Sillcocks Miller Co The, Parker av...South Orange 175

CEMENT (BELT AND COT)

PENNSYLVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av.Scranton 2900

CEMENT (BELT & HOUSEHOLD)

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg, 120 Bway .....Rector 5727

CEMENT (COLORED PORTLAND, GUARANTEED NON-FADING)

ILLINOIS

CHICAGO

De Smet Quartz Tile Co, Chamber of Commerce.....Main 1065

CEMENT (FLOOR HARDENER)

ILLINOIS

CHICAGO

Biegler E N Inc 2730 N Rockwell.....Humboldt 135

MICHIGAN

DETROIT

Tus-Con Laboratories The, Caniff & G T R.....Hemlock 2727

CEMENT (FLOOR HARDENING CONCRETE WATERPROOFING)

ILLINOIS

CHICAGO

Vitrifyx Company The, Chamber of Commerce.Main 1065

CEMENT (FOR CEMENTING GLASS OR MARBLE)

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, "Vitro Marble," 16th & Sherman drive.....Woodruff 272

CEMENT (HIGH TEMPERATURE)

NEW YORK

NEW YORK CITY

Botfield Specialties Mfg Co, 108-10 W 34th .....Greeley 4120

PENNSYLVANIA

PHILADELPHIA

Botfield Specialties Mfg Co, 776 S Swanson ..... Bell-Lombard 3488 Keystone-Main 1609

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples Bank bldg .....Court 3057
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CEMENT (MANUFACTURERS)

FLORIDA

JACKSONVILLE

Coplay Cement Mfg Co, Heard bldg..Jacksonville 6677
Lehigh Portland Cement Co, Heard bldg .....Jacksonville 2811

GEORGIA

SAVANNAH

Alpha Portland Cement Co, National Bank bldg .....Savannah 3955

ILLINOIS

CHICAGO

Lehigh Portland Cement Co, Conway bldg..Main 1329

IOWA

MASON CITY

Lehigh Portland Cement Co, M B A bldg .....Mason City 981

KANSAS

INDEPENDENCE

Western Portland Cement Co Bell-Independence 66
The, Citizens First Natl Bank bldg.....Home 1542

KENTUCKY

LOUISVILLE

Kosmos Portland Cement Co, Paul Jones bldg ..... Bell-Main 7[illegible] Home-City [illegible]

MARYLAND

BALTIMORE

Alpha Portland Cement Co, Builders Exchange .....St Paul 1633
Giant Portland Cement Co, American bldg.St Paul 3445

MASSACHUSETTS

BOSTON

Alpha Portland Cement Co, Board of Trade bldg ..... Fort Hill 1750
Coplay Cement Mfg Co, 468 Washington... Beach 3424
Giant Portland Cement Co, Compton bldg, 161 Devonshire ..... Main 4035
Lehigh Portland Cement Co, 6 Beacon. Haymarket 1013

MINNESOTA

MINNEAPOLIS

Lehigh Portland Cement Co, Builders Exchange bldg ..... Bell-Nicollet 3575 Tri-State 38419

MISSOURI

KANSAS CITY

Lehigh Portland Cement Co, Commerce bldg ..... Bell-Main 409 Home-Main 409

NEBRASKA

OMAHA

Lehigh Portland Cement Co, Securities bldg. Tyler 251

NEW YORK

BUFFALO

Lehigh Portland Cement Co, Prudential bldg ..... Seneca 720
Phoenix Portland Cement (Hercules Waterproof Cement Co) Mutual Life bldg ..... Seneca 313

NEW YORK CITY

Alpha Portland Cement Co, Hudson Terminal bldg, 50 Church st ..... Cortland 8094
Coplay Cement Mfg Co, 200 Fifth av... Gramercy 6050
Dexter Portland Cement Co, 103 Park av. Mury Hil 4089
Giant Portland Cement Co, 30 Church.. Cortland 8320
Lehigh Portland Cement Co, 30 E 42d.. Murry Hil 8451

PENNSYLVANIA

ALLENTOWN

Lehigh Portland Cement Co, Young bldg. Allentown 630
Virginia Portland Cement Co, Young bldg ..... Allentown 630

COPLAY

Coplay Cement Mfg Co, Coplay Lehigh County ..... Northampton 268

EASTON

Alpha Portland Cement Co, Center Square. Easton 831

NAZARETH

Dexter Portland Cement Co, ... Nazareth 140

NEW CASTLE

Lehigh Portland Cement Co, Greer bldg. Newcastle 2700

PHILADELPHIA

Alpha Portland Cement Co, Harrison bldg. Spruce 4969
Coplay Cement Mnfg Co, Widener bldg.. Walnut 1493
Dexter Portland Cement Co, Land Title bldg ..... Spruce 5162
Giant Portland Cement Co, Pennsylvania bldg ..... Spruce 1450
Lehigh Portland Cement Co, Finance bldg. Spruce 587

PITTSBURGH

Alpha Portland Cement Co, Oliver bldg .. Grant 355
Lehigh Portland Cement Co, Farmers Bank bldg ..... Grant 555

TENNESSEE

CHATTANOOGA

Dixie Portland Cement Co, James bldg ..... Main 4318

VIRGINIA

NORFOLK

Giant Portland Cement Co, Bank of Commerce bldg ..... Norfolk 7954

RICHMOND

Virginia Portland Cement Co, First Natl Bank bldg ..... Madison 3014

WASHINGTON

SPOKANE

International Portland Cement Co Ltd, Old Natl Bank bldg ..... Main 3764
Lehigh Portland Cement Co, Old National Bank bldg ..... Main 299

CEMENT (PORTLAND) MNFRS.

ALABAMA

BIRMINGHAM

Standard Portland Cement Co, Brown-Marx bldg ..... Main 4436

CEMENT (ROOFERS CEMENT, PLASTIC & LIQUID FIBER)

PENNSYLVANIA

ALLENTOWN

Garnet Co The, New Greenleaf & L V R R ..... Bell-Allentown 1426 Consolidated-3605

CEMENT (RUBBER, LEATHER & FABRICS)

PENNSYLVANIA

PHILADELPHIA

Montgomery Bros Inc, 45 S Second ..... Lombard 1500

CEMENT MACHINERY, CRUSHERS, KILNS, TUBE BALL MILLS

NEW YORK

NEW YORK CITY

Kennedy Van Saun Mfg & Eng Corp, 120 Broadway ..... Rector 3855

CEMENT SACKS (PAPER)

NEW YORK

NEW YORK CITY

Miller Tompkins & Co, 487 Washington.... Canal 9075

OHIO

MIDDLETOWN

Raymond Bag Co The, 410 East 6th.. Middletown 727

CEMENT STUDDING SOCKETS INSTEAD OF WOODEN SILLS

IOWA

GRINNELL

Riess G M & Co, 618 S Park ..... Grinnell 235

CENTRE PLATES, RAILWAY

ILLINOIS

CHICAGO

Joliet Railway Supply Co, 40th & Princeton av ..... Drover 2415

CENTRIFUGAL MACHINERY

NEW YORK

NEW YORK CITY

Tolhurst Machine Works (Manufacturers General Types. Especially Self-Balancing Extractors) 111 Broadway ..... Rector 8971

TROY

Tolhurst Machine Works (Manufacturers General Types. Especially Self-Balancing Extractors) 648 Fulton ..... Troy 1946

CEREALS

ILLINOIS

CHICAGO

Quaker Oats Company The, Railway Exchange ..... Harrison 2271

MINNESOTA

MINNEAPOLIS

Pettijohn Pure Products Co, 2801 University av ..... Bell-East 6778 Tri State 41429

CERTIFIED PUBLIC ACCOUNTANTS

NEW YORK

NEW YORK CITY

Nugent Thos J, 141 Broadway ..... Cortland 4344

OHIO

CINCINNATI

Beaman R J, Union Central bldg ..... Main 3114
Cloud J D & Co, First Nat Bk bldg ..... Main 825

CHAIN BELTING

ILLINOIS

CHICAGO

Jones W A Foundry & Machine Co, 4403 W 12th ..... Lawndale 5040

CHAIN, ELEVATING, CONVEYING AND TRANSMISSION

NEW YORK

NEW YORK CITY

Chain Belt Company, 30 Church ..... Cortland 3949

PENNSYLVANIA

PITTSBURGH

Chain Belt Co, Second Natl Bank bldg .... Grant 6715

WISCONSIN

MILWAUKEE

Chain Belt Co, 762 Park ..... Hanover 3000

CHAIN GRATES

ILLINOIS

CHICAGO

Green Engineering Co, 14 E Jackson bl... Harrison 1743

MISSOURI

ST LOUIS

Green Engineering Co, Railway Exchange bldg ..... Olive 4463

NEW YORK

NEW YORK CITY

Green Engineering Co, 50 Church ..... Cortland 6543

PENNSYLVANIA

PITTSBURGH

Green Engineering Co, Oliver bldg ..... Grant 1380

CHAIN HOISTS

OHIO

CLEVELAND

Round D & Son, Station F ..... Bell-Broadway 545 Ohio State-Union 53

PENNSYLVANIA

READING

Reading Chain Block Co ..... Bell Reading-2838 Cons 171-J

CHAIN—ICE & CONVEYOR LOCK NUT & WASHER MNFRS

ILLINOIS

CHICAGO

Barber & Company, 2814 S Wabash av...Calumet 708

CHAIN LINK WIRE FENCING

INDIANA

INDIANAPOLIS

Enterprise Iron Wks, 1153 E 24th ..... Bell-Woodruff 177 Automatic-41-331

CHAIN, MALLEABLE & COIL

ILLINOIS

CHICAGO

Spear William H Company, First Nat Bk bldg .....Central 778

CHAIN MANUFACTURERS

ALABAMA

BIRMINGHAM

Jeffrey Mfg Co The, 83 Craig W.....Main 1523

CANADA

MONTREAL, QUEBEC

Jeffrey Mfg Co The, Powers bldg.....Main 1523

COLORADO

DENVER

Jeffrey Mfg Co The, First National Bank bldg.Main 388

ILLINOIS

CHICAGO

Jeffrey Mfg Co The, 332 S Mich av.....Harrison 8008

MISSOURI

ST LOUIS

Jeffrey Mfg Co The, Railway Exch bldg....Olive 2349

NEW YORK

NEW YORK CITY

American Ball Chain Works, (Durbrow & Hearne Mfg Co) 12 Wooster.....Canal 8669
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Jeffrey Mfg Co The, 50 Dey.....Cortland 5416
Morton Thomas (Transmission, Sash, Cable-Steel and Bronze) 245 Centre.....Spring 1407
Shays J R Jr (American High Speed Chain Co), 30 Church .....Cortland 892

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth....North 2360

PENNSYLVANIA

PITTSBURGH

Jeffrey Mfg Co The, Farmers Bank bldg...Grant 407

WISCONSIN

MILWAUKEE

Stowell Company The, South Milwaukee .....South Milwaukee 4

CHAIN (WELDED) MNFRS.

NEW JERSEY

TRENTON

Woodhouse Chain Works, 3d and Schenck.Trenton 628

CHAIN MNFRS., WELDED & HAND MADE FOR ALL PURPOSES

OHIO

MARIETTA

National Chain Co The .....Marietta 1667

CHAIN & SPROCKET MNFRS. ROLLER & BUSHING CHAIN

OHIO

SEVILLE

Union Chain & Mfg Co The.....Star 30

NEW YORK

BUFFALO

Union Chain & Mfg Co The, (R F Mosedale, Rep), Marine Bank bldg.....Seneca 1775

PENNSYLVANIA

PHILADELPHIA

Union Chain & Mfg Co The (E M Pletcher, Rep), 1309 Arch .....Spruce 5075

CHAINS, FIRE WELDED

PENNSYLVANIA

YORK

Mundorf Chain Wks (Agricultural Machine & Coil Chains, etc) 41-59 State.....York 617-J

CHAINS—HAND MADE

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Sling, Dredge, Crane, Hooks, Forgings) 28 Church.Cortland 7673

CHAINS—SASH, SAFETY, JACK, PLUMBERS, FURNACE

CONNECTICUT

NAUGATUCK

Russell John M Mfg Co The, Inc.....Naugatuck 454

CHAINS, SILENT

CALIFORNIA

SAN FRANCISCO

Morse Chain Co, Monadnock bldg.....Sutter 1975

CANADA

MONTREAL, QUEBEC

Morse Chain Co, St Nicholas bldg.....Main 6772

ILLINOIS

CHICAGO

Morse Chain Co, Merchants Loan & Trust bldg .....Central 6555

MASSACHUSETTS

BOSTON

Morse Chain Co, 141 Milk.....Fort Hill 1140

MICHIGAN

DETROIT

Morse Chain Co, 1008 Woodward av.....North 4943

MINNESOTA

MINNEAPOLIS

Morse Chain Co, 413, 3d st ..... Bell-Nicolett 160 Tri State 32-122

MISSOURI

KANSAS CITY

Morse Chain Co, R A Long bldg.....Main 3383

ST LOUIS

Morse Chain Co, Chemical bldg.....Olive 423

NEW YORK

ITHACA

Morse Chain Co, General Ofc & Wks.....Ithaca 275

NEW YORK CITY

Morse Chain Co, 50 Church.....Cortland 6988

OHIO

CLEVELAND

Morse Chain Co, Engineer's bldg.....Main 1941

PENNSYLVANIA

PITTSBURGH

Morse Chain Co, Westinghouse bldg.....Grant 1043

CHAIR CANING

NEW YORK

NEW YORK CITY

Cooper Jos, 406 E 20th.....Gramercy 1379

CHAIR CANING, RENOVATING AND POLISHING

NEW YORK

NEW YORK CITY

Groswald H, 104 East 3rd.....Orchard 6435

CHAIR MANUFACTURERS

ILLINOIS

CHICAGO

Johnson Chair Co, 4401 W North av.....Belmont 264
See our Catalog Space, page 930

INDIANA

LAWRENCEBURG

Johnston & Klare Mfg Co The, 220 W High ..... Lawrenceburg 78-X

NEW YORK

NEW YORK CITY

Atlas Seating Co, (For theatres, churches, schools, factory & store stools, folding tables, camp chairs) 10 E 43d...Murray Hill 1384
Columbus Mfg & Supply Co, Inc, 830 9th av.....Columbus 7171
Mahoney E H Chair Co, (Manufacturers of folding and portable chairs) 141 W 42d .....Bryant 4010

OHIO

CLEVELAND

Marble & Shattuck Chair Co The, 96 Foster av .....Eddy 129

CHAIRS—AUDITORIUM, THEATRE

NEW YORK

NEW YORK CITY

Wisconsin Seating Factory, 105 W 40th..Bryant 264

CHAIRS, BARBER

MISSOURI

ST LOUIS

Koken Barbers' Supply Co, 2528 Texas av..Sidney 4310

CHAIRS & BEDS FOR INVALIDS & HOSPITALS

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth Ave cor 18th. Stuyvesant 2523
See our Catalog Space, page 960

CHAIRS, OFFICE, BANK & PUBLIC BUILDINGS

OHIO

BEDFORD

Marble B L Chair Co The, Willis.....Bedford 11

CHAIRS & TABLES, ALL KINDS

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978

CHAMOIS SKINS

OHIO

CINCINNATI

Niehaus Jos Co The, 341 W 4th.....Main 537

CHANGE CARRIERS (CONDUCTORS)

ILLINOIS

CHICAGO

McGill Ticket Punch Co, 542 W Harrison. Wabash 3575

CHAPLETS, FOUNDRY

PENNSYLVANIA

PITTSBURGH

Stem Manufacturing Co, Goebel near Fulton..Cedar 2233

CHAPLETS—ONE PIECE

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg...Grant 1516
See our Catalog Space, page 976

CHARCOAL

ILLINOIS

CHICAGO

Lovey-Durham Coal Co, 431 S Dearborn..Harrison 3047
Three Products Company, 328 W 37th.....Dover 2884

PENNSYLVANIA

BRADFORD

Manufacturers Charcoal Co, 76 Main...Bradford 245

CUSTER CITY

Custer City Charcoal Milling Co,.....Custer City 535-J

CHARCOAL (HARDWOOD, RETORT)

TENNESSEE

MEMPHIS

Forest Products Chemical Company, I C & Speed av.....Hemlock 227

CHARCOAL IRON BOILER TUBES

ILLINOIS

CHICAGO

Parkesburg Iron Co The, 343 S Dearborn. Harrison 3452

NEW YORK

NEW YORK CITY

Parkesburg Iron Co The, 30 Church....Cortland 4470

PENNSYLVANIA

PARKESBURG

Parkesburg Iron Co The, Parkesburg..Parkesburg 161

PHILADELPHIA

Parkesburg Iron Co The, Commercial Trust bldg.....Spruce 2894

CHARCOAL IRON SHEETS

PENNSYLVANIA

WASHINGTON

Griffiths Charcoal Iron Mills.....Washington 413

CHASSIS FOR AMBULANCES, POLICE PATROL, FUNERAL CARS

ILLINOIS

MOLINE

Velie Motors Corporation, 25 Velie pl.....Moline 1161

CHECK BOOK COVERS

MISSOURI

ST LOUIS

Becktold Printing & Book Mfg Co, Bell-Main 36
200-212 Pine .....Kinloch-Central 2578

CHECK COVERS & PASS BOOKS

MISSOURI

ST LOUIS

Schaefer & Keim Mfg Co, 318 N 2d.....Central 5445

CHECK PROTECTORS

ILLINOIS

CHICAGO

Hedman Mfg Co, 223-233 W Erie.....Superior 8950

CHECK WRITERS

IOWA

WEBSTER CITY

National Check Writer Mfg Co,
913 Seneca .....Webster City 6595

NEW YORK

ROCHESTER

Todd Protectograph Co, 1050 University av. Chase 1024

CHECK WRITERS & PROTECTORS, NEW AND REBUILT

NEW YORK

NEW YORK CITY

Check Writer Mfrs (All standard makes bought & sold), 200 Bway .....Cortlandt 578

CHECKING SYSTEMS FOR HOTELS, RESTAURANTS, CLUBS

NEW YORK

NEW YORK CITY

Whitney Duplicating Check Co, (Hotel, restaurant & club expert accountants)
250 W 54th .....Circle 2267

CHECKS—METAL (HOTEL, MDSE, TIME & IDENTIFICATION)

MINNESOTA

ST PAUL

Northwestern Stamp Works, 110 Bell-Cedar 5896
E 3d .....Tri State 21546

CHECKS, TIME & TRADE

PENNSYLVANIA

PITTSBURGH

Pannier Bros Stamp Co, 207-209 Bell-Cedar 5185
Sandusky .....P & A-North 152

CHEESE CLOTH—ALL NEW—REMNANTS FOR POLISHING

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

CHEESE CLOTH—REMNANTS FOR CLEANING & POLISHING

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540

CHEESE SLICERS FOR HOTELS, CLUBS, RESTAURANTS & HOME

NEW YORK

ROCHESTER

Decker Sales Company, 165 North Water..Main 4483-M

CHEESE—WHOLESALE

ILLINOIS

CHICAGO

Neenah Cheese & Cold Storage Co, 125 W South Water .....Main 5070

EVANSTON

North Shore Creamery Co, 1306 Sherman av .....Evanston 2630

OHIO

CINCINNATI

Vossler Jacob Co The, 423 W. Court.....Canal 2066

CHEMICAL APPARATUS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

BUFFALO

Buffalo Foundry & Mach Co, 25 Winchester. Oxford 40

NEW YORK CITY

Badger E B & Sons Co, 101 Park av...Vanderbilt 1719
Warner Chemical Co, The (Chlorine & Caustic Soda, Electrolytic Cells), 52 Vanderbilt av.....Murray Hill 262

CHEMICAL APPARATUS, DRIERS DIGESTERS, AGITATORS ETC.

CALIFORNIA

SAN FRANCISCO

Wood John Mfg Co, 268 Market.....Garfield 1787

ILLINOIS

CHICAGO

Wood John Mfg Co, 321 E Grand av.....Superior 4111

MASSACHUSETTS

BOSTON

Wood John Mfg Co, 32 Dorchester av...So Boston 480

NEW YORK

NEW YORK CITY

Wood John Mfg Co, 67, 35th Bklyn.....Sunset 6483

PENNSYLVANIA

PHILADELPHIA

Wood John Mfg Co, 1225 Hamilton.....Poplar 7638

CHEMICAL APPARATUS AND PLANT

NEW YORK

NEW YORK CITY

Thermal Syndicate Ltd, 50 E 41st....Murray Hill 3619

CHEMICAL APPARATUS AND SUPPLIES

MASSACHUSETTS

BOSTON

Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta) .....Cambridge 4700

CHEMICAL CANS

NEW YORK

NEW YORK CITY

Pelletier Napoleon, 2d nr Broad, Maspeth, Bklyn .....Newtown 1760

CHEMICAL CASTINGS

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

CHEMICAL EXPERTS

NEW YORK

NEW YORK CITY

Bull & Roberts, 100 Maiden Lane.....John 196

CHEMICAL FIRE ENGINES

NEW YORK

NEW YORK CITY

Ajax Fire Engine Works, 882, 3d av Bklyn.Sunset 7198

CHEMICAL KETTLES, STILLS, RETORTS, SPCL MIXTURE IRON

NEW JERSEY

JERSEY CITY

Gibson Iron Works Co, First and Henderson .....Montgomery 2335

CHEMICAL LIME

NEW YORK

NEW YORK CITY

Palmer Lime & Cement Co, 103 Park av.Murray Hill 2585
See our Catalog Space, page 970

CHEMICAL MACHINERY

ILLINOIS

CHICAGO

Swenson Evaporator Co, Monadnock blk .....Harrison 1252

CHEMICAL MACHINERY AND EQUIPMENT

NEW YORK

NEW YORK CITY

Jacoby Henry E, (Evaporators, Dryers, Filter Presses & Special Apparatus) 95 Liberty .....Cortland 3706

CHEMICAL MANUFACTURING SITES

MISSOURI

ST LOUIS

St. Louis Chamber of Commerce, Bell-Main 4620
510 Locust .....Kinloch-Central 7565
See our Catalog Space, page 902

CHEMICAL & MEDICAL BOOKS—PERIODICALS

NEW YORK

NEW YORK CITY

Login B & Son, 152 E 23d.....Gramercy 6166

CHEMICAL & PHARMACEUTICAL MANUFACTURERS

NEBRASKA

OMAHA

Gering Henry R Co The, 701 S 13th....Douglas 1290

CHEMICAL RINGS AND BRICK FOR ACID LINING

MISSOURI

ST LOUIS

Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 955

CHEMICAL—STONEWARE ACID PROOF MNFRS.

OHIO

AKRON

Weeks A J, 926 E Market.....Main 1120

CHEMICAL WORKS EQUIPMENT

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

CHEMICALS

CALIFORNIA

SAN FRANCISCO

Katzenbach & Bullock Company, Monadnock bldg .....Sutter 6495

COLORADO

DENVER

Norcross Chemical Co, Ideal bldg.....Champa 5683

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn avDiversey 4410
See our Catalog Space, page 930
Fuller-Morrisson Co. 540 W Randolph...Franklin 1929
Greer Chemical Co The, Great Northern bldg .....Harrison 6970
Harrison Wks (owned and operated by E I DuPont de Nemours & Co) 2001 Mendell.....Monroe 3286
Katzenbach & Bullock Company, Railway Exchange bldg .....Harrison 2057
Parsell C C & Co, 608 S Dearborn.....Harrison 3755

MASSACHUSETTS

BOSTON

Katzenbach & Bullock Company, 53 State...Main 1869

MINNESOTA

MINNEAPOLIS

Harrison Works (owned and operated by E I DuPont de Nemours & Co) 918, 4th.Nicollet 567

MISSOURI

KANSAS CITY

Page-Love Chemical Co, 1210 W 9th Bell-Main 2228
.....Home-Main 1695

NEW JERSEY

JERSEY CITY

United Chemical Products Corporation, York & Colgate .....Montgomery 3252

NEWARK

Seidler Alexander Co, 13 Ward.....Market 8631

TRENTON

Katzenbach & Bullock Company, Broad St Bank bldg .....Trenton 6287

NEW YORK

NEW YORK CITY

Alexander G S & Co Inc, 61 Bway.....Rector 6170
American Aniline Products Inc, 80, 5th av.Chelsea 9500
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Barrett Company The, 17 Battery pl.....Rector 600
Caravel Company, 13-21 Park Row.....Barclay 8430
Coff-Garrod Co Inc, Woolworth bldg....Barclay 4576
Cone Frederick H, 181 Front.....John 1998
Cooper & Cooper, 309 Broadway.....Worth 851
Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727
Edgertyn Aniline Corporation, 118 William .....Beekman 964
Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433
Griffiths K F & Co, (Industrial Chemicals for Manufacturing Purposes) 81 Fulton .....Beekman 2238
Harrison Works (owned and operated by E I DuPont de Nemours & Co) 80 Maiden la..John 6444
Hellenic Chemical & Color Co Inc, 427 W 13th .....Chelsea 7862
Hirsh H A, 68 William.....John 2277
Horgan William J, 6 Platt.....John 1625
Jordan William E Inc, 11 Cliff.....Beekman 1758
Kaolin Products Corporation, 120 Broadway.Rector 4540
Katzenbach & Bullock Company, 100 William.John 5797
Laidlaw, Kelley & Co Inc, 14 Platt.....John 1566
National Brokerage Co (Brokers all Drugs and heavy Chemicals) 116 Nassau.....Beekman 486
National Color & Chemical Works, 59th st & 11th av .....Columbus 9700
Parex Mfg Co, (Analytical, Photographic, Technical Chemicals—All Purposes) 247 Pearl nr Fulton .....Beekman 1865
Partola Mfg Co, 160, 2d av .....Orchard 8346
Pope Trading Corp Inc 90 West .....Rector 2436
Robertson Chemical Works Inc, 106-108 Beekman .....Beekman 2860
Taylor B E Company, 56 Pine.....John 5894
Thomson J M & Co Inc, 521 Broome.....Spring 3720
Tower Chemical Co Inc, 258 Bway.....Barclay 4777
U S Chemical Exchange, 59 Pearl.....Broad 7250
Van Brunt J A & Co Inc, 114 John.....John 1982
Wellman B & Co, 132 Pearl.....Hanover 7034
Wiarda John C & Co, 259 Greene. Bklyn.Greenpt 3090

OHIO

CINCINNATI

Calvert Aniline & Chemical Co The, 28 W 3d ..... Main 1245

PENNSYLVANIA

PHILADELPHIA

Harrison Wks (owned and operated by E I DuPont de Nemours & Co) 35th st & Gray's Ferry rd ..... Dickinson 50

PITTSBURGH

Hachmeister-Lind Chemical Co, 2332 Forbes ..... Schenly 4896
Laboratory Apparatus Co, 800-802 Penn av.. Grant 4170

VIRGINIA

PETERSBURG

Burgess D H & Co, Mechanics bldg.... Petersburg 1693

CHEMICALS (BROKERS)

NEW YORK

NEW YORK CITY

Lyon Julian W, 99-101 Beekman..... Beekman 3040

CHEMICALS (MANUFACTURERS)

NEW JERSEY

JERSEY CITY

Avri Chemical Co, Johnston & Manning avs. Bergen 3917

NEW YORK

NEW YORK CITY

British-American Chemical Co Inc, (Benzoic, Sodium Benzoate, Salicylic Acids, etc) 52 Vanderbilt av ..... Murry Hil 8996
Warner Chemical Co, The (Phosphates of Soda & Chlorine Compounds), 52 Vanderbilt av ..... Murray Hill 262

CHEMICALS (MNFRS PHARMACEUTICAL SPECIALTIES)

NEW YORK

NEW YORK CITY

Keene Co Ltd The, 335 Bway..... Franklin 604

CHEMICALS—ALL KINDS

NEW YORK

NEW YORK CITY

Bayard Products Co Inc, 29 Broadway.. Whitehall 620

CHEMICALS AND ANILINES

OHIO

CINCINNATI

Shannon Edward J Co The, 202-204 Main.... Main 1452

CHEMICALS, CAUSTIC SODA, SODA ASH ETC.

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S LaSalle.... Wabash 6829

NEW YORK

NEW YORK CITY

Bergere Et Compagnie, 309 Bway..... North 3503

CHEMICALS—DEXTRINE, STARCHES, COLORS, ETC.

NEW YORK

NEW YORK CITY

Morningstar B F 256 Broadway..... Barclay 5437

CHEMICALS & DYESTUFFS

PENNSYLVANIA

PHILADELPHIA

Fergusson Alex C Jr, 408 Chestnut ..... Bell-Lombard 3445
..... Keystone-Main 885

CHEMICALS—ELECTRO PLATERS & MILL CHEMICALS

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56 Wall. Hanover 4260

CHEMICALS FOR ALL MFG LINES

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, Woolworth bldg ..... Barclay 7924
See our Catalog Space, page 930

CHEMICALS, HEAVY COMMERCIAL & FLOWERS OF SULPHUR

MISSOURI

ST LOUIS

Commercial Acid Co, Boatmen's Bank bldg. Olive 2010

CHEMICALS, INDUSTRIAL

OHIO

DAYTON

Shannon Edward J Co The, Reibold bldg. Main 296

CHEMICALS & INTERMEDIATES, FINE ORGANIC

CONNECTICUT

STAMFORD

American Synthetic Color Co, Southfield av ..... Stamford 1116

CHEMICALS AND PIGMENTS

MASSACHUSETTS

BOSTON

Frothingham Chas R, 10 High..... Fort Hill 5214

CHEMICALS NAPHTHALENE—PHENOL

OHIO

CINCINNATI

Chatfield Mfg Co The, 74th & Lebanon.... Valley 600

CHEMICALS, NITRATE OF SODA, NAPTHALENE, FORMALDEHYDE

NEW YORK

NEW YORK CITY

Bergere Et Compagnie, 309 Broadway..... Worth 3503

CHEMICALS (HEAVY CHEMICALS) OF ALL KINDS

OHIO

CINCINNATI

Queen City Chemical Co Inc, Provident Bk bldg ..... Canal 1919

CHEMICALS—POTASH & SODA

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson... Haymarket 7166

CHEMICALS—POTASHES, SODAS PHOSPHORUS, ETC.

NEW YORK

NEW YORK CITY

Campbell C W, 15 Cliff..... Beekman 1720

CHEMICALS, RAW MATERIALS AND MILL SUPPLIES

NEW YORK

NEW YORK CITY

Ratner A E Co Inc, 59 Pearl..... Broad 5234

CHEMICALS (MFRS) SANITARY PREPARATIONS, DISINFECTANTS

SOUTH DAKOTA

SIOUX FALLS

Western Drug & Chemical Co, 125 W 12th ..... Sioux Falls 176

CHEMICALS (MFRS) SODIUM PERMANGANATE, ETC.

NEW YORK

NEW YORK CITY

Kalbfleisch Corp The, 31 Union Sq W. Stuyvesant 3051

CHEMICALS, SPECIALTIES

ILLINOIS

CHICAGO

Armiger Chemical Co (Rex Brand), 2155-57 W Austin av..... Seeley 3190

CHEMICALS, SYNTHETIC

NEW YORK

NEW YORK CITY

Fries & Fries, 242 Pearl..... John 737
See our Catalog Space, page 931

OHIO

CINCINNATI

Fries & Fries, 121-123 W 3d..... Main 2777
See our Catalog Space, page 931

CHEMICALS—TEXTILE AND LEATHER

NEW YORK

NEW YORK CITY

Herrick & Voigt, 1 Liberty..... John 3397

CHEMISTS

NEW JERSEY

BLOOMFIELD

Scott & Bowne, 60 Orange.....Bloomfield 2405

CHEMISTS, ANALYTICAL

CONNECTICUT

NEW BRITAIN

Davenport & Keeler Inc, 665 Stanley.New Britain 1191

ILLINOIS

CHICAGO

Illinois Chemical Laboratory The, 440 S Dearborn .....Harrison 5363

NEW YORK

NEW YORK CITY

Bendiner & Schlesinger, 3d Av & 10th...Orchard 1590
Bull & Roberts, 100 Maiden Lane.....John 196
Industrial Testing Laboratories (Chemical Biological Analysis, foods & beverages), 402 West 23d.....Chelsea 1844
Maywald, Frederick J (Experimental work, all kinds. Laboratory space to rent with Equipment. Complete Equipment for experimental rubber compounding. Electrochemical work), 89 Pine .....John 823
Palmberg Oscar W (Fuel and boiler tests. Chemical analyses. Tests of construction materials. Crushing and cementing. Chemical engineering Experts legal cases), 50 Church.....Cortland 2290
Reed Laboratories The, 227-229 Fulton.Cortland 4918
See our Catalog Space, page 931
Research Laboratories Inc, 19 Park pl...Barclay 6987
See our Catalog Space, page 931
Schwarz Laboratories, 200 Worth.....Worth 1875
Stillwell Laboratories, (Investigate and develop New Processes and correct Factory Troubles, Specialize in Fertilizers, Water, Foods, Oils, Metals, Ores, Etc.) 76½ Pine.....John 1538

ROCHESTER

National Food Manufacturers Laboratory, 86 White .....Main 5030

OHIO

CLEVELAND

Crobaugh Frank L Co, Batenahl bldg.....Main 1462

CHEMISTS, ANALYTICAL AND CONSULTING

ALABAMA

BIRMINGHAM

Picard Laboratories The, 1911 First av.....Main 3908

CONNECTICUT

HARTFORD

Souther Henry Engineering Co The, 11 Laurel .....Charter 3300

ILLINOIS

CHICAGO

Deavitt H M, 209 S Lasalle.....Wabash 7505
Flood Walter H, 3725 Langley av.....Douglas 2045

MARYLAND

BALTIMORE

Wiley & Co Inc, 7 S Gay.....St. Paul 5182

MISSOURI

KANSAS CITY

Kansas City Testing Laboratory, 1013 Grand av.....Bell-Main 1327 Home-Main 3076

ST LOUIS

Chauvenet Regis & Brother, 620 Chestnut...Main 2961

NEW YORK

BUFFALO

Niagara Frontier Laboratory, 194 Main..Seneca 1218-W

NEW YORK CITY

Harris Laboratory Inc, (Specialists Coal, Water, Ores, Metals, Rubber) 26 Cortland .....Cortland 4963
Hochstadter Laboratories, 227 Front.....Beekman 5260

ROCHESTER

Will Corporation The, 262 East av.....Chase 4434

TEXAS

FORT WORTH

Fort Worth Laboratories, 206 Houston.....L 603

WASHINGTON

SEATTLE

Pacific Coast Testing Laboratory, Lyon bldg.Main 6241

CHEMISTS, ANALYTICAL AND METALLURGICAL

OHIO

CINCINNATI

Broeman F C & Co, 215 E 4th.....Main 2741
Robinson Louis E, Harrison bldg 31 E 4th...Main 3064

CHEMISTS AND ASSAYERS

NEW YORK

BUFFALO

Hill Herbert M, 20 W Eagle.....Seneca 5136

CHEMISTS, BACTERIOLOGISTS, METALLURGISTS

MICHIGAN

DETROIT

Detroit Testing Laboratory The, 674 Woodward av .....Glndale 5182

CHEMISTS, CONSULTING

NEW YORK

NEW YORK CITY

Maywald, Frederick J (Remedying defects in processes. Investigations of complaints. Expert in Litigation, Manufacturing formulas, Experimental tests of new processes, Analyses) 89 Pine .....John 823

CHEMISTS, INSPECTORS, TESTING ENGINEERS

MICHIGAN

DETROIT

Perry Testing Laboratory, 5th and MC Docks .....Cherry 5375

CHEMISTS, MANUFACTURING

ILLINOIS

CHICAGO

Bierstedt Suppository Co, 4545 Vincennes av .....Drexel 3003
Boyer Chemical Laboratory Co The, 18 E Kinzie .....Randolph 3808

INDIANA

INDIANAPOLIS

Oldham Specialty Co, Pembroke, Arcade....Main 5375

NEW JERSEY

JERSEY CITY

Gibson Howell Company, 140-142 Cator av.Bergen 2195
Mallinckrodt Chemical Works, West Side av.Bergen 2187

NEW YORK

NEW YORK CITY

Florasynth Laboratories Inc, 231 Pearl.....John 5303

OHIO

CINCINNATI

Fries Alex & Bro (Flavors for Confectioners, Cigars & Soda Water), 312 E Second .....Main 1163

PENNSYLVANIA

PITTSBURGH

United Chemical Co, 331 Fourth av.....Court 951

CHEMISTS & PERFUMERS—MNFG.

ILLINOIS

CHICAGO

Abonita Co Inc, 134 S Clinton.....Franklin 2840

CHEMISTS—URINE ANALYSIS

ILLINOIS

CHICAGO

National Bureau of Analysis, Republic bldg .....Harrison 2500

CHEMISTS' SUPPLIES

ILLINOIS

CHICAGO

Daigger A & Co, 54 W Kinzie.....Central 6032
See our Catalog Space, page 931

CHESTS, RED CEDAR

INDIANA

SOUTH BEND

Acme Manufacturing Co, LaSalle and Sycamore .....Bell-Main 1009 Home 6007

CHEVRONS

NEW YORK

NEW YORK CITY

Kraft H, 98 E Houston.....Spring 4041

CHEWING GUM

ILLINOIS

CHICAGO

American Pine-Apple Products Co, 412-420 Orleans .....Franklin 5866
Blue Ribbon Gum Co, 903 Wrightwood av..Lincoln 2782
Keeney & Sons Co, 2901-3-5 Indiana av.Calumet 440
Reedy R E Gum Co, 223-225 W Erie....Superior 7456

KENTUCKY

NEWPORT

Newport Gum Co, (A Colker Mgr) 19 E Southgate .....South 42

MICHIGAN

DETROIT

Velvet Mint Gum Company, Mnfrs of Ball Chewing Gum and Vending Machines 139 Beaubein .....Cadillac 23-J

OHIO

CINCINNATI

Helmet Gum Co The, 15 W 6th.....Canal 2510

DAYTON

Bee Bee Confection Co The, 33 Edgar.....East 2230

CHILDREN'S MUSLIN UNDERWEAR

CONNECTICUT

BRIDGEPORT

Taylor Thos P Co The, 174 James.....Barnum 783

CHILDREN'S PLAY APRONS

ILLINOIS

CHICAGO

Salvos Co The, 4216 Calumet av.....Drexel 617
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CHILDREN'S WEAR—MNFRS.

ILLINOIS

CHICAGO

Estelle Mnfg Co, 25-27 S Market.....Main 2950

NEW YORK

NEW YORK CITY

Rabinovitz & Kinsberg (Children's Junior & Intermediates' White Dresses), 122-130 W 27th st .....Farragut 2120

CHILLED IRON CASTINGS

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

CHIMNEY ARCHITECTS

ILLINOIS

CHICAGO

Hillesheim Fred Chimney Construction Co, 434 Belden av.....Diversey 2721

NEW YORK

NEW YORK CITY

Heincke H R Inc (Chimney designers, builders and repairers. If you need a new chimney or desire one repaired consult us), 147 Fourth av .....Stuyvesant 2686

CHIMNEY BANDING & REPAIRING

ILLINOIS

CHICAGO

Arrow Conductor & Mfg Co, 1536 W Adams.Monroe 3007

CHIMNEY BUILDERS

ILLINOIS

CHICAGO

General Concrete Construction Co, 431 S Dearborn .....Harrison 7214
Heine Chimney Co The, 123 W Madison.Randolph 2747
Hillesheim Fred Chimney Construction Co, 434 Belden av .....Diversey 2721

NEW YORK

NEW YORK CITY

Heincke H R Inc (Chimney designers, builders and repairers. If you need a new chimney or desire one repaired consult us), 147 Fourth av .....Stuyvesant 2686
Heine Chimney Co The, 30 Church.....Cortland 2336

CHIMNEY BUILDERS CONCRETE REINFORCED

ILLINOIS

CHICAGO

Weber Chimney Co The, 332 S. Michigan av .....Harrison 5515

CHIMNEY BUILDERS, RADIAL BRICK

MASSACHUSETTS

BOSTON

Bergen & Lindeman Inc, 141 Milk.....Main 6255

NEW YORK

NEW YORK CITY

Bergen & Lindeman Inc, 120 Liberty.....Rector 6316

PENNSYLVANIA

PHILADELPHIA

Bergen & Lindeman Inc, Drexel bldg....Lombard 3564

PITTSBURGH

Bergen & Lindeman Inc, Oliver bldg.....Grant 6258

CHIMNEY BUILDERS, RADIAL BRICK AND CONCRETE

ALABAMA

BIRMINGHAM

Rust Engineering Co, Woodward bldg.....Main 396

DISTRICT OF COLUMBIA

WASHINGTON

Rust Engineering Co The, 729, 15th N W...Main 6062

ILLINOIS

CHICAGO

Rust Engineering Co The, 39 S Lasalle...Majestic 7415

NEW YORK

NEW YORK CITY

Rust Engineering Co The, 25 Church....Cortland 6816

OHIO

CLEVELAND

Rust Engineering Co, Citizens bldg.....Main 3863

OKLAHOMA

TULSA

Rust Engineering Co The, 211 S Boston..Osage 7697

PENNSYLVANIA

PHILADELPHIA

Rust Engineering Co The, Pennsylvania bldgLocust 2880

PITTSBURGH

Rust Engineering Co The, (General Office) Farmer's Bank bldg .....Grant 593

CHIMNEY CAPS & REVOLVING CHIMNEY TOPS

ILLINOIS

STERLING

Sterling Foundry Co, Wallace.....Bell-Main 35-R
.....Interstate 183

CHIMNEY EXPERTS

NEW YORK

NEW YORK CITY

Whitley Frederic N, 215 Fulton Bklyn.....Main 1613

CHINA, ANTIQUES, BRIC-A-BRAC, GLASS & FANS REPAIRED

NEW YORK

NEW YORK CITY

Noble F Co, 130 Lexington av nr 29th....Mad Sq 2304

CHINA—BATH ROOM & PLUMBERS CHINA ACCESSORIES

OHIO

ALLIANCE

Alliance Vitreous China Co The, Mahoning av .....Ohio State 2113

CHINA, BRONZES, MARBLE, IVORY—REPAIRED

ILLINOIS

CHICAGO

Boetter Jean, 1931 S Wabash av.....Calumet 478

CHINA, EARTHENWARE, TEA POTS, BRIC-A-BRAC

NEW YORK

NEW YORK CITY

Slimmon Robert & Co, 96 Church.....Barclay 6040

OHIO

SEBRING

French China Co The.....Bell-Sebring 14
.....Ohio State 87
Sebring Pottery Co The.....Bell-Sebring 35
.....Ohio State 76

CHINA FOR DECORATING

ILLINOIS

CHICAGO

Abbott A H & Co, 208 S Wabash av (Retail Store 19 N Wabash av).....Harrison 8870

CHINA, GLASS DECORATORS, WHOLESALE

NEW YORK

NEW YORK CITY

Flogel Decorating Works, 129-131, 5th av.Gramrcy 5121

CHINA MFRS, DINNERWARE AND SPECIALTIES

OHIO

SEBRING

Saxon China Co The .....Bell-Sebring 22
.....Ohio State 28

CHINESE GOODS

NEW YORK

NEW YORK CITY

Fo Sing Yuen & Co, 104 East 16th.....Styvsnt 468

CHIROPODIST FURNITURE & SUPPLIES

MISSOURI

ST LOUIS

Koken Barbers' Supply Co, 2528 Texas av.Sidney 4310

CHIROPODISTS

ILLINOIS

CHICAGO

Jordan Don E Alfonso, 115 S Dearborn...Central 337

NEW YORK

NEW YORK CITY

Achfeldt M (An appliance for every foot trouble) Marbridge bldg 1328 Broadway at 34th ....Greeley 6231
See our Catalog Space, page 932

CHIROPRACTIC AND OBESITY SPECIALISTS

NEW YORK

NEW YORK CITY

Nielsen Julie K, 120 E 34th....Murry Hil 7886

CHIROPRACTIC PHYSICIANS

ILLINOIS

CHICAGO

Dale Walter J Dr, 17 N State....Central 3350
res 6235 Woodlawn av....Midway 6462
Seubold F H, 17 N State....Central 1722
Smith Chas E, (Chiropractor, Naprapath, Osteopath), 17 N State....Central 3350

INDIANA

EVANSVILLE

Wilson C F D C (Evansville's Pioneer Chiropractor), 408¼ Main....Evansville 4850

CHIROPRACTIC SCHOOLS

ILLINOIS

CHICAGO

National School of Chiropractic, 421-427 S Ashland bl....Monroe 3222

NEW YORK

NEW YORK CITY

New York School of Chiropractic, 1416 Broadway....Bryant 6956
See our Catalog Space, page 1005

CHISEL BLANKS

OHIO

CLEVELAND

Cleveland Steel Tool Co The, 660 E 82d.Rosedale 841

CHISELS—COLD & CAPE

ILLINOIS

CHICAGO

Star Expansion Bolt Co, 120 W Lake....Main 2649

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar....Rector 4655

CHISELS, COLD, CAPE, ROUND NOSE, DIA. PT., & BRICK

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av....Superior 3674

CHISELS—HOLLOW MORTISING

ILLINOIS

ROCKFORD

Forest City Bit & Tool Co, 1206 Kiswaukee..Main 300

CHLORATE OF POTASH

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av....Orchard 8346

CHLORIDE LIME

NEW YORK

NEW YORK CITY

Thomson J M & Co Inc, 521 Broome....Spring 3720

CHLORIDE OF LIME—CAUSTIC SODA

NEW YORK

NEW YORK CITY

Hirsh Leon & Son, 368 Greenwich....Franklin 211

CHLORINE PRODUCTS

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie....Franklin 1852

NEW YORK

NEW YORK CITY

Innis Speiden & Co, 46 Cliff....Beekman 4031

CHOCOLATE & COCOA MNFRS.

NEW JERSEY

JERSEY CITY

Royal Cocoa Company, Spingarn bldg.Montgomery 4361

NEW YORK

NEW YORK CITY

Rockwood & Co, 88 Washington av, Bklyn.Wmsbg 4501

CHRISTMAS, BIRTHDAY, & EASTER CARDS & CALENDARS

NEW YORK

NEW YORK CITY

Hills & Hafely Co, 27 East 22d....Gramercy 4870

CHRISTMAS MONEY CLUB SUPPLIES

OHIO

CLEVELAND

Forman-Bassett Co The, 1427-1433 W 3d....Bell-Main 4492
Ohio State-Central 1361

CHRONOMETERS, BOUGHT, SOLD & REPAIRED

NEW YORK

NEW YORK CITY

Cerf Lester, 47-49 Maiden Lane....John 3709

CHUCKS—QUICK CHANGE, DRILL, TAP, ETC.

ILLINOIS

CHICAGO

Modern Tool Co (R H Wood, Mgr), 32 N Clinton....Main 2342

MICHIGAN

DETROIT

Modern Tool Co (H T White, Mgr), Dime Bk bldg....Cherry 1342

NEW YORK

NEW YORK CITY

Modern Tool Co (F Wesley Parker, Mgr Export Dept), 2 Rector st....Rector 6161
Modern Tool Co (P B Oatman, Mgr), 2 Rector....Rector 6639

PENNSYLVANIA

ERIE

Modern Tool Co, 4th & State....Erie 2140

CHURCH BRASS GOODS, ALTAR RAILS, CANDLE STICKS, ETC.

NEW JERSEY

HOBOKEN

Summit Brass & Iron Works, 7th and Madison....Hoboken 559

CHURCH BULLETINS, METAL CHANGEABLE LETTER

NEW YORK

NEW YORK CITY

Clark W L Co The, 115 Nassau....Cortland 3577

CHURCH FURNITURE

ILLINOIS

CHICAGO

Daprato Statuary Co, 762-770 W Adams.Monroe 1775

MICHIGAN

NORTHVILLE

Globe Furniture Co Ltd, 50 Park pl....Northville 93

NEW YORK

NEW YORK CITY

Atlas Seating Co, (Altars, Pews, Pulpits, Confessionals, Prie Dieus) 10 E 43d.Murry Hil 1384

CHURCH FURNITURE, ALTAR & STATUARY MFGS

IOWA

DUBUQUE

Dubuque Altar Mfg Co, 19th and Pine...Dubuque 1018

CHURCH GOODS MNFRS—GOLD, SILVER, ETC

RHODE ISLAND

PROVIDENCE

Feeley William J, 511 Westminster....Gaspee 1352

CHURCH VESTMENTS

NEW YORK

NEW YORK CITY

Cox Sons & Vining, 72 Madison av.....Mad Sq 8545

CHURCH AND MEMORIAL WINDOWS

ILLINOIS

CHICAGO

Schuler Art Glass Co, 617-631 W Jackson bl .....Haymarket 3672
Schuler-Mueller Co, 314-322 W Superior.Superior 5649

CHURCH WINDOWS

PENNSYLVANIA

PITTSBURGH

Pittsburg Art Glass Co, Warden and McCartney W E.....Walnut 198

CHURNS

NEW YORK

SINCLAIRVILLE

Fenner C C, R F D 41.....South Stockton 7-R-32

CHUTES, COAL, SAND, GRAVEL, CAR UNLOADING

OHIO

WARREN

Heltzel Steel Form & Iron Co The, Thomas rd .....Warren 2247

CHUTES FOR FOUNDATION WALL

NEW YORK

NEW YORK CITY

Jackson Edwin A & Bro Inc, 50 Beekman.Beekman 1841

CHUTES, SPIRAL

NEW YORK

NEW YORK CITY

Minnesota Manufacturers Association (Heath & Ketter, Reps) (Conveying automatic elevators, gravity conveyors) 30 Church..Cortland 4541

CHUTES—STEEL

NEW YORK

NEW YORK CITY

Ætna Steel Products Co Inc, 30 Church..Cortland 6424

CIDER & VINEGAR MNFRS.

NEW YORK

NEW YORK CITY

Duffy-Mott Co Inc 502 West 25th.....Chelsea 2812

CIGAR BOX LABELS & BANDS

NEW YORK

NEW YORK CITY

Koehle Lithographic Co The, Clarendon rd & E 87th, Bklyn.....Flatbush 5700

CIGAR BOX LUMBER & CEDAR VENEERS

OHIO

CINCINNATI

Benner R H & Co, 1027 Berlin.....West 1111

CIGAR BOX MNFRS.

ILLINOIS

CHICAGO

Chicago Box Co, 214 W Ontario.....Superior 699
Kresl Charles Inc, 1818 Fulton.....Monroe 1626
Merz G & Son, 112-118 W Superior.....Superior 112

CIGAR LIGHTER (MNFRS.)

NEW YORK

NEW YORK CITY

Bernhardt M E, 157 Chambers.....Worth 1681

CIGAR LIGHTER AND CIGAR MOISTENER MNFRS.

WISCONSIN

MILWAUKEE

Drake Mnfg Co, 143 Reed .....Hanover 523

CIGAR LIGHTERS & GAS LIGHTERS—MNFRS.

NEW YORK

NEW YORK CITY

Mars Manufacturing Co, 102-104, 5th av..Farragut 5746

CIGAR STORE FIXTURES—DESIGNERS & MFRS.

ILLINOIS

CHICAGO

Inter-Ocean Cabinet Co, 322-326 S Paulina.West 3319

CIGAR STORE FIXTURES, MFRS

ILLINOIS

CHICAGO

Chicago Store & Office Fixture Co, 818-820 S Clinton .....Harrison 7308

CIGAR TISSUE WRAPPERS, TOP SHEETS AND LABELS

NEW YORK

NEW YORK CITY

Kehlmann L Co, 229-239 W 28th.....Chelsea 7533

CIGAR, TOBACCO & RADIATOR MOISTENERS

ILLINOIS

CHICAGO

Acme Moistener & Mfg Co, 426 W 63d.Wentworth 5130

CIGARETTE BOOKS, TUBES, SHEETS, ROLLS

NEW YORK

NEW YORK CITY

Spiegel, Max, 54 Lispenard.....Franklin 888

CIGARETTE PAPER AND TIPS AND LABEL PRINTING

NEW YORK

NEW YORK CITY

Boucher Cork & Machine Co, 216 W 14th.Chelsea 4671
Kehlmann L Co, 229-239 W 28th.....Chelsea 7533

CIGARETTE AND SOLID BOXES, ALL KINDS

NEW YORK

NEW YORK CITY

Cohen M & Bro, 59-63 Liberty av Brooklyn .....East N. Y. 4300

CIGARETTE & TOBACCO MACHINERY

CONNECTICUT

WATERBURY

Ludington Cigarette Machine Co The.Waterbury 620

CIGARETTE TUBES & BOOKLETS ALSO CUBED TUBES

NEW YORK

NEW YORK CITY

Strauch Company The, 41-43 Greene.....Canal 1768

CIGARETTES, MNFRS.

NEW YORK

NEW YORK CITY

Chalkiadi T & Co Inc, (Monogram, Initial and Private Label Cigarettes) 128 Water .....Hanover 6143

CIGARETTES, MFRS.-BANQUETS, YACHTSMEN & CONVENTIONS

NEW YORK

NEW YORK CITY

Cado Co Inc, 145 LaFayette.....Canal 562
See our Catalog Space, page 932

CIGARS, IMPORTERS & MANUFACTURERS

NEW YORK

NEW YORK CITY

Preferred Havana Tobacco Co, 257 Fourth av .....Gramercy 6357

CIGARS, JOBBERS

MICHIGAN

DETROIT

Watson Harry W Company 170-172 Jefferson E .....Cherry 2941

CIGARS, MANUFACTURERS

KENTUCKY

LOUISVILLE

Bickel C C Co (Manufacturers, Filson Club & Daniel Boone Cigars), 526 W Main Bell-Main 706 ..... Home-City 706

MICHIGAN

DETROIT

Davis Cigar Company, 801 Hasting ..... Ridge 3384-J
LaAzora Cigar Co, 222-258 E Forest av .... Ridge 1023
Mahoney J H 562 Gratiot av ..... Ridge 2898

MISSOURI

KANSAS CITY

Deisel-Wemmer Co The, 110-112 W 11th st ..... Bell-Main 1553 Home 1553

NEW YORK

NEW YORK CITY

DeNobili Cigar Company, 512 Hamilton L I City ..... Astoria 412
Rodriguez Salvador ("Charles the Great," Factory, Tampa, Fla.) 1600 Broadway .. Bryant 8278
Tansy Tobacco Corporation, 19 S William ... Broad 1915

OHIO

LIMA

Deisel-Wemmer Co The ..... Main 4837

NEWARK

Swisher John H & Son, cor 4th & Main ..... Bell-Main 19 Ohio State 2171

PENNSYLVANIA

PHILADELPHIA

Portuondo Juan F Cigar Manufacturing Co The, 1116 Sansom ..... Filbert 2474
Roig Antonio & Langsdorf, 315 N 7th .... Market 2490

CINDERS—(WHOLESALE CAR LOTS)

OHIO

TOLEDO

Ohio Cinder Co, Upton av ..... Bell-Collingwood 159 ..... Ohio State-Park 463

CINDERS (COAL) CAR LOADS, CONCRETE FILLING OR BALLAST

OHIO

CINCINNATI

Concrete Cinder Co The, Union Trust bldg .. Main 774

CIRCULAR ADDRESSING

OHIO

CINCINNATI

Circle R J Letter Co, 540 Main ..... Canal 1154
See our Catalog Space, page 906

CIRCULAR ADVERTISING

OHIO

CLEVELAND

Direct Advertising Co The, 787 Prospect av ..... Central 4585-W

CIRCULAR FOLDING

ILLINOIS

CHICAGO

Rickard Circular Folding Co (Not Inc) 782 Federal ..... Wabash 5255

CIRCULAR LETTERS

ILLINOIS

CHICAGO

Imitation Typewriting & Addressing Co 71 W Randolph ..... Central 3333
Von Weller-Lyon Co The, 180 N Market . Franklin 324

MINNESOTA

MINNEAPOLIS

Commercial Letter Co, Northwestern bldg .. Main 5332
Kimm The Circular Letter Man Bell-Nicollet 400
Met Life bldg ..... Tri State 34234

NEW YORK

BUFFALO

Buffalo Advertising Service Inc, Coal & Iron Exch bldg ..... Seneca 3000
Millar F G "The Letter Man" 13½ East Swan ..... Seneca 5958

OHIO

CINCINNATI

A-B-C Letter Shop, Greenwood bldg ..... Canal 549
Alcorn Multi-Letter Shop The, 15 E 3d ..... Main 458

CIRCULAR LETTERS (COMMERCIAL PRINTING)

MINNESOTA

MINNEAPOLIS

Minneapolis Circular Letter Co, 327, 1st av N ..... Bell-Nicollet 1779 Tri State 37882

CIRCULAR & TYPEWRITTEN LETTERS

PENNSYLVANIA

PHILADELPHIA

Amweg J M Co The, Rl Est Trust bldg ..... Bell-Filbert 3703 Keystone-Race 311
See our Catalog Space, page 906

CIRCULATION AND SUBSCRIPTION PROMOTION—COIN CARDS

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Coin Cards, for every denomination and almost any combination of coins), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

CITIES & TOWNS

CALIFORNIA

SAN FRANCISCO

San Francisco Chamber of Commerce (Actively interested in supplying information to industries interested in Pacific Coast advantages and possibilities. Write for specific information), Merchants Exchange bldg ..... Kearney 112

INDIANA

RICHMOND

Richmond Commercial Club, Masonic Temple ..... Richmond 2000
See our Catalog Space, page 903

MISSOURI

ST LOUIS

St Louis Chamber of Commerce, 510 Locust ..... Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

CIVIL ENGINEERING

NEW YORK

ROCHESTER

Gray W C, 16 State ..... Main 761

SYRACUSE

Higgins G E, Wieting blk ..... Warren 1765-W

CIVIL ENGINEERS (DRAINAGE & MUNICIPAL)

ILLINOIS

CHICAGO

Rossiter Edgar A, Reaper blk ..... Central 1824

CLAM SHELL BUCKETS

ILLINOIS

CHICAGO

Shaw Willis, 80 E Jackson bl ..... Harrison 22

CLAM SHELL BUCKETS & HOISTING MACHINERY

NEW YORK

NEW YORK CITY

Haiss George Mfg Co, 141st st and Rider av ..... Melrose 241

CLAMPS

CALIFORNIA

SAN FRANCISCO

Brownie Mfg Co (C W Gause Co Agts) 693 Mission ..... Douglas 1987

ILLINOIS

CHICAGO

Adjustable Clamp Co (Jorgersen Peerless Adjustable Hand Clamps), 216 N Jefferson ... Monroe 640
Brownie Mfg Co ("Brownie Clamps") 548 W Lake ..... Frankin 1282

NEW YORK

NEW YORK CITY

Brownie Mfg Co (Joseph F McCoy Co Agts) 157 Chambers ..... Worth 1624

CLASS PINS, MEDALS, JEWELRY ETC.

ILLINOIS

CHICAGO

Hadovec E T & Co, 37 S Wabash av ..... Randolph 1841

CLASS RINGS & PINS

OHIO

CLEVELAND

Cleveland Metal Specialties Co, 1291 W 6th ..... Ohio State-Central 5989-W

CLAY PRODUCTS—HOLLOW BLOCKS, TILE & FIREPROOFING

IOWA

MASON CITY

Mason City Brick & Tile Co ..... Mason City 191
North Iowa Brick & Tile Co ..... Mason City 364

CLAY PRODUCTS—MANUFACTURERS

INDIANA

RICHMOND

Campfield Raggle Block Co, Colonial bldg Richmond 1063

CLAY WORKING MACHINERY

INDIANA

INDIANAPOLIS

Potts C & A & Co, 816-828 W Washington av Bell-Main 2749 Automatic 21-746

PENNSYLVANIA

PHILADELPHIA

Chambers Bros Co, 52d and Media Belmont 258

CLEANERS & DYERS

ILLINOIS

CHICAGO

Kenwood Cleaning Works, 740 W 47th Yards 1770

CLEANERS & DYERS MATERIALS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt John 1625

CLEANING SPECIALTIES

ARGENTINE

BUENOS AIRES

Ford J B Co The (Theo J Williams, Agt) Reconquista 46

CUBA

HAVANA

Ford J B Co The (J M Jiminez, Agt) 55 Amargura Havana A-9867

CLEANING SPECIALTIES—EFFICIENCY SERVICE FREE

CALIFORNIA

LOS ANGELES

Ford J B Co The, Security bldg Automatic A-5905

SAN FRANCISCO

Ford J B Co The, Monadnock bldg Garfield 963

CANADA

CALGARY, ALBERTA

Ford J B Co The (Stanley Brock, Ltd, Agt)

MONTREAL, QUEBEC

Ford J B Co The (N St Francois, Rep) 1072 W Viateur Rockland 330

TORONTO, ONTARIO

Ford J B Co The (R W Williams Rep), 199 Pacific av Junction 395

VANCOUVER, B C

Ford J B Co The (J S Tait & Co, Agt), 144 Water Seymour 555

WINNIPEG, MANITOBA

Ford J B Co The (Stanley Brock, Ltd, Agt), 80 Lombard Main 9190

COLORADO

DENVER

Ford J B Co The (L K Zott, Rep), 2708 E 14th av York 9349

GEORGIA

ATLANTA

Ford J B Co The, Hurt bldg Ivy 1178

ILLINOIS

CHICAGO

Ford J B Co The, 155 N Clark Central 6986

INDIANA

INDIANAPOLIS

Ford J B Co The, Merchants bldg Main 2184

IOWA

DES MOINES

Ford J B Co The, Hippee bldg Walnut 2922

LOUISIANA

NEW ORLEANS

Ford J B Co The, Whitney Central bldg Main 4365

MARYLAND

BALTIMORE

Ford J B Co The, Maryland Trust bldg St Paul 3056

MASSACHUSETTS

BOSTON

Ford J B Co The, 101 Tremont Fort Hill 2158

MICHIGAN

DETROIT

Ford J B Co The, Dime Bk bldg Cadillac 6219

WYANDOTTE

Ford J B Co The Cedar 360

MINNESOTA

MINNEAPOLIS

Ford J B Co The, Palace bldg Bell-Nicollet 2179 Tri-State 32765

MISSOURI

KANSAS CITY

Ford J B Co The, Commerce bldg Main 591

ST LOUIS

Ford J B Co The, RR Exchange bldg Olive 5460

MONTANA

GREAT FALLS

Ford J B Co The (E H Carr & Co, Agt), Ford bldg Great Falls 9699

NEBRASKA

OMAHA

Ford J B Co The, W O W bldg Douglas 8421

NEW MEXICO

ALBUQUERQUE

Ford J B Co The (The George H Griggs Co, Agt) Albuquerque 443

NEW YORK

BUFFALO

Ford J B Co The (J C Murray, Rep), 54 Wellington rd Crescent 2040

NEW YORK CITY

Ford J B Co The, 290 Broadway Worth 2598

SYRACUSE

Ford J B Co The, Onondaga Bank bldg Warren 1280

OHIO

CINNCINATI

Ford J B Co The (P Vogelsang, Rep), 1333 Grace av East 588-L

CLEVELAND

Ford J B Co The, Guardian bldg Main 6975

PENNSYLVANIA

PHILADELPHIA

Ford J B Co The, Bulletin bldg Walnut 3617

PITTSBURGH

Ford J B Co The, Commonwealth bldg Court 683

TENNESSEE

KNOXVILLE

Ford J B Co The (C C Sullins, Agt), 105 W Jackson av Knoxville 217

TEXAS

EL PASO

Ford J B Co The (W H Constable & Co, Agt), 301 S Kansas El Paso 56

WASHINGTON

SEATTLE

Ford J B Co The, L C Smith bldg Elliott 323

WISCONSIN

MILWAUKEE

Ford J B Co The, First Nat'l Bank bldg Main 3821

CLIPPING BUREAUS

KENTUCKY

LOUISVILLE

Central Clipping Bureau, Starks bldg Bell-Main 1995 Home-City 1995

CLIPPING MACHINES FOR DOMESTIC ANIMALS

ILLINOIS

CHICAGO

Chicago Flexible Shaft Co, 5600 W 12th Austin 1900

NEW YORK

NEW YORK CITY

Gillette Clipping Machine Co, 129-131 W 31st Farragut 188

CLOAK HANGERS AND RACKS

NEW YORK

NEW YORK CITY

Novelty Wire Works, 840 Broadway Stuyvsnt-1190

CLOAK & SUIT MNFRS.

NEW YORK

NEW YORK CITY

Schafran Bernhard (Manufacturer of The "English Picadilly" Brand) 16 E 33d Murray Hill 6727

CLOAKS & SUITS WHOLESALE LADIES & CHILDREN

TENNESSEE

NASHVILLE

Eskind J & Sons, 118 Public sq Main 123

CLOCK REPAIRING

ILLINOIS

CHICAGO

Jansen F W Clock Co, 215 W Randolph Franklin 314

CLOCKS

ILLINOIS

CHICAGO

Howard E Clock Co The, 31 N State.....Central 6951

MASSACHUSETTS

BOSTON

Howard E Clock Co The, 373 Washington..Main 643

NEW YORK

NEW YORK CITY

Howard E Clock Co The, Maiden lane and Wm.John 3148

OREGON

PORTLAND

Howard E Clock Co The, (Butterfield Bros Agts) Mohawk bldg.....Main 2846

PENNSYLVANIA

PHILADELPHIA

American Chime Clock Co, Bell-Wyoming 666
1659-69 Ruffner .....Keystone-North 118

WASHINGTON

SEATTLE

Howard E Clock Co The, (Jos Mayer & Bros, Agts) Colman bldg.....Elliott 3856

CLOCKS, CHIME (HALL & MANTEL CHIME CLOCKS)

ILLINOIS

CHICAGO

Kuehl Clock Co, 125 N Wabash av.....Central 6914

CLOCKS & CHIME SYSTEMS (ADVERTISING) MNFRS.

MINNESOTA

MINNEAPOLIS

McClintock O B Co, 33 Western Bell-Nicollet 426
av .....Tri State 37227

CLOCKS, MFRS. AUTOMATIC INTERVAL

CALIFORNIA

OAKLAND

Reminder Clock Co Inc (One Hand Clock Gold Medal P P I E) 2985-99 E 12th at Derby av .....Fruitvale 323

CLOCKS, MNFRS. ELECTRIC ALARM

ILLINOIS

CHICAGO

Jansen F W Clock Co, 215 W Randolph...Franklin 314

CLOCKS, MNFRS.—ELECTRIC SELF WINDING

ILLINOIS

CHICAGO

American Self Winding Clock Co,
133 W Washington .....Franklin 2485
Schim Electric Co, 141 W Austin av.....Franklin 4357

PENNSYLVANIA

PITTSBURGH

Cambria Clock Co (Automobile, Airplane, Mantle and Deck Clocks), Bessemer bldg.....Court 833

CLOCKS, MNFRS., IVORY & SMALL MAHOGANY A SPECLTY

NEW YORK

NEW YORK CITY

Simon Sidney, 20 E 17th .....Stuyvsnt 4541

CLOCKS—WALL & HALL CLOCKS —CLOCKTROLAS

OHIO

MIDDLETOWN

Waite Clock & Mfg Co The, Baltimore & C L & N RR.....Middletown 534

CLOCKS, WATCHMAN'S

ILLINOIS

CHICAGO

Chicago Watchman's Clock Works, 56 E Randolph .....Central 1720
Hardinge Bros Inc, 1765 Berteau av.....Lake View 371

NEW YORK

BUFFALO

Brack Charles E, Mutual Life bldg.....Seneca 75

OHIO

CLEVELAND

American Watchman's Time Detector Co The, 3403 Perkins av.....Rosedale 4263

CLOCKS, WATCHMAN'S AND EMPLOYEES

PENNSYLVANIA

PITTSBURGH

Daugherty A E, 708 Penn av.....Grant 3773

CLOTH CUTTING MACHINES

MISSOURI

ST LOUIS

Universal Cutter Co, 4567-69 Bell-Forest 3147
Scott av .....Kinloch-Delmar 2498-R

NEW YORK

NEW YORK CITY

Edwards John B Cutting Machine, 62 E 8th.Spring 7917
Maimin H Co Inc, 251 W 19th.....Chelsea 9370

CLOTH CUTTING MACHINES, ELECTRIC

NEW YORK

NEW YORK CITY

United States Cloth Cutting Machine Co Inc The, 414 W Broadway.....Spring 9296

CLOTH LINED PAPERS PERFECT & SECONDS

NEW YORK

NEW YORK CITY

Elish M M & Co Inc, 29 Beekman.....Beekman 29

CLOTH SPECIALTIES

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co, Park & Dolman Dept D .....Sidney 3700

CLOTHES DRYERS (OF ALL KINDS)

ILLINOIS

CHICAGO

Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

CLOTHES DRYERS FOR RESIDENCES, APTS. & INSTITUTIONS

MISSOURI

ST LOUIS

National Sheet Metal Mfg Co, 3939 Bell-Lindell 2141
Olive .....Kinloch-Delmar 4317

OHIO

CANTON

Hill-Canton Dryer Co The, Market av N & 2d.Main 327

CLOTHES PIN MANUFACTURERS

NEW YORK

NEW YORK CITY

Enlow Co Inc, 362 Broadway.....Franklin 1414

CLOTHES PINS, WOODEN (IN FIBRE & WOODEN CASES)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362 5th av.....Greeley 4820

CLOTHING, BOYS

NEW YORK

NEW YORK CITY

Goodman, Son & Rosenberg, 230-236
Throop av Bklyn.....Wmsburg 4566

CLOTHING BUCKLES & BELT BUCKLES

CONNECTICUT

NEW BRITAIN

Tráut & Hine Mfg Co The, 910 Stanley.New Britain 9

CLOTHING HANGERS, DISPLAY FORMS, RACKS, FIXTURES

NEW YORK

NEW YORK CITY

National Hanger & Fixture Mfg Co Inc ("Faultless"), 496-498 E 134th.....Melrose 4555

CLUB FURNITURE

ILLINOIS

CHICAGO

Evans H C & Co, 1528 W Adams..... Haymarket 7630

CLUB PINS & EMBLEMS, GOLD & SILVER PLATED

ILLINOIS

CHICAGO

Winship Chas A & Co, Masonic Temple...Central 1380

CLUTCH FACINGS

INDIANA

INDIANAPOLIS

Hide Leather & Belting Co, 231 S Meridan ..... Bell-Main 2094 Automatic 27-365

CLUTCH PULLEYS

ILLINOIS

CHICAGO

Moore-Master Mfg Co, 320 W Grand av..Superior 6594

OHIO

SANDUSKY

Brown Clutch Co, South Camp st ..... Bell-Sandusky 97 Ohio State-Harrison 43

CLUTCHES

CONNECTICUT

NEW HAVEN

Smith Raymond W Inc ("Mule-Pull"), 17 Portsea .....Liberty 2706

ILLINOIS

CHICAGO

Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040

INDIANA

NOBLESVILLE

Never Slip Clutch Co (Never-Slip), 13-15 North 6th .....Noblesville 218

NEW YORK

NEW YORK CITY

Smith Raymond W Inc (Mule Pull), 120 Liberty .....Rector 2408

CLUTCHES, FRICTION

OHIO

CINCINNATI

Conway & Co, 2507 Beekman.....West 480

TIFFIN

Tanson Clutch & Machine Co, 79 Jefferson.Tiffin 1177-W

CO_2 RECORDERS

NEW YORK

NEW YORK CITY

Ebling Instrument Co, Empire bldg.....Rector 9638

COAL

ILLINOIS

CHICAGO

Addy Matthew Company The, Rookery..Harrison 2972

IOWA

DES MOINES

Coal Hill Coal Co, Good blk .....Walnut 2505

LOUISIANA

NEW ORLEANS

Adams Robert P Coal Co Ltd (Coal Manufacturers, Domestic and Bunker Purposes), Clio and Magnolia .....Main 280
Bing & Sons Co, Clio and Willow.....Jackson 716

MICHIGAN

DETROIT

Addy Matthew Company The, Dime Bank bldg .....Cherry 4661

OHIO

CINCINNATI

Addy Matthew Company The, 1st Nat'l Bk bldg .....Main 478
Stevenson John W Coal & Sales Co, Union Central bldg.....Main 1547

PENNSYLVANIA

BRIDGEVILLE

Mayer C P Brick Co.....Bridgeville 56

GARRETT

Merrill W A & Son Co, Jackson and Walker .....Garrett 8
See our Catalog Space, page 932

HASTINGS

Oak Ridge Coal & Coke Co, Beaver ..... Bell-Hastings 123-J H&C 16-E
See our Catalog Space, page 932

PHILADELPHIA

Addy Matthew Company The, Real Estate Trust .....Walnut 741

PITTSBURGH

Verner Coal & Coke Co, Oliver bldg.....Grant 496

COAL (MINERS)

PENNSYLVANIA

PHILADELPHIA

Emmons Coal Mining Co, Land Title bldg..Locust 76

PITTSBURGH

Bixler Coal & Coke Co, Fulton bldg ..... Bell-Grant 3043 P & A-Main 661

COAL (MINERS & SHIPPERS)

ILLINOIS

MINONK

Minonk Coal Co .....Minonk 1

MARYLAND

BALTIMORE

Davis Coal & Coke Co The, Continental bldg .....St Paul 2952

OHIO

WELLSTON

Mohawk Coal Co, Ohio av.....Wellston 21

COAL (OPERATORS & SHIPPERS)

OHIO

DAYTON

Rice W P Mining Co The, Mutual Home & Savings bldg..... Bell-Main 300 Ohio State 4155

WEST VIRGINIA

FAIRMONT

Abrams Creek Coal & Coke Co (Operators Osage & Monongalia Coal Co's) Deveny bldg .....Fairmont 5

COAL (PRODUCERS)

WEST VIRGINIA

FAIRMONT

Harry B Coal Co, Home Savings Bank bldg .....Fairmont 1440
Harry B Coal & Coke Co, Home Savings Bank bldg .....Fairmont 1440
Madeira-Hill-Clark Coal Co, Home Savings Bank bldg .....Fairmont 1440

COAL (RETAIL)

OHIO

CINCINNATI

Queen City Coal Co The, 5th and Freeman av..West 2820

COAL (WHOLESALE)

ILLINOIS

CHICAGO

Bickett Coal & Coke Co, 332 S Mich av.Harrison 5187

NEW YORK

BUFFALO

Seneca Coal Mining Co, Prudential bldg.Seneca 5393

NEW YORK CITY

Borden & Lovell, 17 Battery pl.....Rector 3027

OHIO

CINCINNATI

Hutchinson Coal Co, Union Central bldg...Main 15
Queen City Coal Co The, 5th and Freeman av.West 2820
Tribbey Coal Co The, First Natl Bank bldg.Main 1317

DAYTON

Best Coal Co, Reibold bldg.....Main 2411
Jackson & West Virginia Fuel Co The, U B bldg .....Main 4339

PENNSYLVANIA

PITTSBURGH

Johnetta Brick & Coal Co, Chamber of Commerce bldg.....Grant 6920

COAL & COKE

PENNSYLVANIA

PITTSBURGH

Reilly-Peabody Fuel Co, Frick bldg.....Grant 5670

UNIONTOWN

Stone W A & Co, First Natl Bank bldg ..... Bell-Uniontown 90 Tri State 90
See our Catalog Space, page 933

COAL & COKE MINERS & SHIPPERS

PENNSYLVANIA

JOHNSTOWN

Grazier Coal & Coke Company, Johnstown Trust bldg..... Bell-Johnstown 178 City 1886

COAL & COKE—WHOLESALE

OHIO

CLEVELAND

Clarkson Coal Mining Co, Rockefeller bldg..Main 2693
Hanna M A & Co, Leader News bldg....Bell-Main 3585
Hutchinson Coal Co, Rockefeller bldg.....Main 5535
Kanawha Rail & River Coal Co, Rockefeller bldg .....Main 1779
Kendall Coal Mining Co The, Rockefeller bldg ..... Bell-Main 5194 Ohio State-Central 8678
Lake City Coal Co The, Rockefeller bldg ..... Bell-Main 4885 Ohio State-Central 48
Lorain Coal & Dock Co The, Rockefeller bldg ..... Bell-Main 6162 Ohio State-Central 2474
Myers Coal & Coke Co, The Arcade ..... Bell-Main 4875 Ohio State-Central 6680
Odbert H S Coal Co The, Rockefeller bldg ..... Bell-Main 3318 Ohio State-Central 1713
Van Epps Coal Co The, Rockefeller bldg ..... Bell-Main 5995 Ohio State-Central 5269-R

COAL ANALYSIS

ILLINOIS

CHICAGO

Flood Walter H 3725 Langley av.....Douglas 2045

COAL & ASH HANDLING EQUIPMENT

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 780

COAL BAGS (MANUFACTURERS)

ILLINOIS

CHICAGO

Iden Wm A Co, 564 Washington bl..... Main 1586

NEW YORK

SYRACUSE

Ryan Tent Co, 313 W Fayette..... Warren 1100

COAL BAGS AND COKE BAGS

GEORGIA

ATLANTA

Atlanta Tent & Awning Co..... East Point 483

COAL BREAKERS, STEEL

PENNSYLVANIA

BETHLEHEM

Guerber Engineering Co The, 9th and Lehigh av ..... Bell-Bethlehem 576, Keystone 76-J

COAL BUNKERS—STEEL

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church.. Cortland 6424

COAL CHUTES

INDIANA

HUNTINGTON

Majestic Co The, "Foundation"..... Huntington 936

COAL CHUTES, AUTOMATIC

KANSAS

WICHITA

Western Iron & Foundry Co, 702 E 2d.... Wichita 806

COAL CINDERS, CAR LOADS, CONCRETE FILLING OR BALLAST

OHIO

CINCINNATI

Concrete Cinder Company The, Union Trust bldg ..... Main 774

COAL CRUSHERS

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Crusher Co, 21 S 12th.... Filbert 2714

COAL CUTTERS

OHIO

COLUMBUS

Concrete Cinder Company The, Union Trust bldg ..... Main 774

COAL DRILL MACHINES (HAND) & MINERS SUPPLIES

ILLINOIS

PEORIA

Peoria Coal Drill Works Inc, 3112-3114 S Adams ..... Main 1744

COAL DRILLS (HAND) MINERS TOOLS & SUPPLIES

ILLINOIS

PEORIA

Dooley Bros, 604 S Adams..... Main 674

COAL HANDLING MACHINERY

CALIFORNIA

SAN FRANCISCO

Brown Hoisting Machinery Co The, (H D Wright) Monadnock bldg ..... Sutter 411

ILLINOIS

CHICAGO

Brown Hoisting Machinery Co The, (J P Case) 208 S Lasalle ..... Wabash 5963

NEW YORK

NEW YORK CITY

Brown Hoisting Machinery Co The, (Richard Devens) 50 Church..... Cortland 3798

OHIO

CLEVELAND

Brown Hoisting Machinery Co The, 4403 St Clair av..... Prospect 1640

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth..... North 2360

OREGON

PORTLAND

Colby Engineering Co The, 70 First..... Main 6416

PENNSYLVANIA

PITTSBURGH

Brown Hoisting Machinery Co, (H C Torrance) Oliver bldg ..... Grant 2694

COAL HANDLING MACHINERY, CLAM SHELL BUCKETS, ETC.

NEW YORK

NEW YORK CITY

Haiss George Mfg Co, 141st and Rider av.. Melrose 241

COAL HANDLING MACHINERY, CLAMSHELL & TRANSFER

OHIO

RAVENNA

Byers John F Machine Co, 283 Sycamore. Ravenna 261

COAL HOLE COVERS, (SAFETY)

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50 Church. Cortland 7444

COAL LANDS

PENNSYLVANIA

PITTSBURGH

Henderson H G, Standard Life bldg..... Court 826

COAL MINERS, HOUSE PAINTING

PENNSYLVANIA

PITTSBURGH

Patridis William & Co, Germania Savings Bank bldg ..... Court 3747

COAL MINING MACHINERY

ALABAMA

BIRMINGHAM

Jeffrey Mfg Co The, Brown Marx bldg..... Main 4945

CANADA

MONTREAL, QUEBEC

Jeffrey Mfg Co The, 83 Craig W..... Main 1523

COLORADO

DENVER

Jeffrey Mfg Co The, First Nat'l Bank bldg... Main 388

ILLINOIS

CHICAGO

Jeffrey Mfg Co The, 332 S Mich av..... Harrison 8008

MISSOURI

ST LOUIS

Jeffrey Mfg Co The, Railway Exchange bldg. Olive 2349

NEW YORK

NEW YORK CITY

Jeffrey Mfg Co The, 50 Dey..... Cortland 5416

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth..... North 2360

PENNSYLVANIA

PITTSBURGH

Jeffrey Mfg Co The, Farmers Bank bldg... Grant 407

COAL MINING MACHINES

ILLINOIS

CHICAGO

Goodman Mfg Co, 4834 S Halsted..... Yards 1774

COAL PULVERIZERS AND BURNERS

ILLINOIS

CHICAGO

Stroud E H & Co, 928-934 Fullerton av... Diversey 4517

COAL TAR

ILLINOIS

CHICAGO

American Tar Products Company, 208 S LaSalle ..... Wabash 6396

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl..... Rector 600

COAL TAR PRODUCTS

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600
Jordan William E Inc (Chemicals, Coal Tar Products, Disinfectants, Etc), 11 CliffBeekman 1758

OHIO

CINCINNATI

Chatfield Mfg Co The, 74th and Lebanon...Valley 600

COAL TIPPLE MACHINERY

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth.....North 2360

COAL TUBS

NEW JERSEY

HOBOKEN

Focht George Sons, 105-123 Adams .....Hoboken 208

COAT MNFRS.

NEW YORK

NEW YORK CITY

Columbia Supply Co (Makers-White Duck Clothing, All Purposes), 302 W 36th cor 8th av.....Greeley 2020

COAT MFRS. WASH MATRLS. FOR DENTISTS, DRUGGISTS, ETC.

ILLINOIS

CHICAGO

riedlander D & Co, 920 W Randolph....Monroe 538

COAT & SUIT MNFRS.

NEW YORK

NEW YORK CITY

nion Coat & Suit Co, 825, 4th av....Gramercy 6847

COATS & APRONS (WHITE DUCK) MANUFACTURERS

MASSACHUSETTS

BOSTON

rdon Suply Co The, 537 Albany.....Beach 5560

COCOA BUTTER

NEW YORK

NEW YORK CITY

ckwood & Co, 88 Washington av, Bklyn.Wmsbg 4501

COCOA POWDER

NEW YORK

NEW YORK CITY

ckwood & Co, 88 Washington av, Bklyn.Wmsbg 4501

COCOANUT (PREPARED)

NEW JERSEY

JERSEY CITY

sing F W Company, 4-10 Ash.....Bergen 401

COCOANUT OIL

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

COCOANUTS

NEW YORK

NEW YORK CITY

Coamo Export & Trading Corp, 154 Nassau .....Beekman 4505

COCONUT OIL

PENNSYLVANIA

PHILADELPHIA

Baker Franklin Co The, ne cor 13th and Market .....Walnut 3204

COCONUT OIL PRODUCTS—REFINED

PENNSYLVANIA

PHILADELPHIA

India Refining Co, McKean and Swanson.Diokinson 1490

COCONUTS

PENNSYLVANIA

PHILADELPHIA

Baker Franklin Co The, ne cor 13th and Market .....Walnut 3204

COD LIVER OIL

NEW YORK

NEW YORK CITY

Job W S & Co Inc, 29 Bway.....Whitehall 430
See our Catalog Space, page 933

CODES

CALIFORNIA

SAN FRANCISCO

Standard Code Co Inc, 235 Montgomery...Kearny-4143

NEW YORK

NEW YORK CITY

Business Code Co The, 10 E 58th.....Plaza 6439
Simplex Code Co. (A B C Code 5th Edition Improved; Liebers and Western Union Codes) 116 Nassau .....Beekman 3644
Standard Code Co Inc, (Bentley's Complete Phrase Code. The best five letter code admitted by the American & British Censors) 116 Nassau .....Beekman 3645

COFFEE

ILLINOIS

CHICAGO

Peck O E, 432 Plymouth ct.....Harrison 650

LOUISIANA

NEW ORLEANS

New Orleans Coffee Co Ltd, 1756 Tchoupitoulas .....Jackson 68

NEW YORK

NEW YORK CITY

Cauchois Coffee Co, 36th st and 7th av..Greeley 145

COFFEE (WHOLESALE)

ILLINOIS

CHICAGO

Hathaway Geo H & Co, (Restaurants and Hotels Supplied), 358 River.....Central 3243

COFFEE ALSO TEA & SPICES—WHOLESALERS AND IMPORTERS

ILLINOIS

CHICAGO

Sokol & Company, 59 E South Water.....Randolph 5351

NEW YORK

NEW YORK CITY

Schart Supply Co The, 128 Water .....Hanover 6858

COFFEE (MERCHANTS & HANDLERS FOR OUTSIDERS)

ILLINOIS

CHICAGO

Richheimer Coffee Co, 62-64 E South Water .....Randolph 5011

COFFEE MACHINERY

NEW YORK

SILVER CREEK

Huntley Manufacturing Co, 10 Mechanic .....Silver Creek 163

COFFEE MILLS, ELECTRIC

PENNSYLVANIA

PHILADELPHIA

Enterprise Mfg Co of Pa The, Bell-Kensington 5473
3d & Dauphin .....Keystone-Park 281

COFFEE MILLS, HAND AND ELECTRIC

ILLINOIS

CHICAGO

Flesch J A & Son, 700-704 W Division..Diversey 2685

MICHIGAN

NORTHVILLE

Stimpson Scale & Electric Co The.....Northville 153

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

COFFEE SUBSTITUTE MFRS.

PENNSYLVANIA

LITITZ

Household Mfg Co (Also makes for private label sale), 249 East Main....Lititz 15-R-2

COFFEE & TEA DINNERWARE & FANCY PREMIUM ASSORTMENTS

OHIO

SEBRING

Limoges China Company The Bell-Sebring 16
.....Ohio State 40

COFFEE URNS (MFRS.)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co. Bell-Cedar 2640
255-265 E 3d .....Tri State 26726

COFFEE URNS—DISHWASHING MACHINES & KITCHEN MACHINES

ILLINOIS

CHICAGO

Cross-Wells Co The, 17-19 S Wabash av.Randolph 6188

COIN CARDS, CIRCULATION AND MERCHANDISING PLANS

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Coin Cards for every denomination and almost any combination of Coins) 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

COIN OPERATED MACHINES

ILLINOIS

CHICAGO

Mills Novelty Co, Jackson & Green.....Monroe 2017
Watling Mfg Co, 1029-1035 W Adams...Monroe 465

COINS AND POSTAGE STAMPS

ILLINOIS

CHICAGO

Leon Theophile E, 143 N Dearborn.....Central 4008

MASSACHUSETTS

BOSTON

Hesslein Wm, 101 Tremont.....Main 1609-W

COKE

ILLINOIS

CHICAGO

Addy Matthew Company The, Rookery...Harrison 2972

MISSOURI

ST LOUIS

Addy Matthew Company The, Third Nat'l Bk bldg .....Main 2750

OHIO

CINCINNATI

Addy Matthew Company The, 1st Natl Bank bldg .....Main 478

PENNSYLVANIA

PHILADELPHIA

Addy Matthew Company The, Real Estate Trust bldg .....Walnut 741

PITTSBURGH

Bixler Coal and Coke Co, Fulton bldg ..... Bell-Grant 3043 P & A-Main 661

COKE OVEN BRICK

PENNSYLVANIA

CONNELLSVILLE

Soisson Jos Fire Brick Co, 149 W Crawford av ..... Bell-Connellsville 18 Tri State 185

COKE OVEN VALVES

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

COLD DRAWN STEEL

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

COLD STORAGE

ILLINOIS

CHICAGO

North American Cold Storage Company, 345-359 N Canal .....Main 2768
Western Cold Storage Co, 421 N State...Central 753

OHIO

COLUMBUS

National Ice & Storage Co The, 5th and Naghten ..... Bell-Main 245 Ohio State 8346

COLD STORAGE INSULATION

ILLINOIS

CHICAGO

Union Insulating Co, 20 W Jackson bl..Harrison 1848

NEW YORK

NEW YORK CITY

Richmond & Daniels Inc, 90 West.....Rector 4681
Stone Junius H, 461, 8th av cor 34th.....Greeley 4008

PENNSYLVANIA

CHESTER

Stevenson Cold Storage Door Co, 1500 W 4th ..... Bell-Chester 206-M United 46

COLD WATER PAINTS

NEW YORK

NEW YORK CITY

Carbola Chemical Company, 7 E 42d.Murray Hill 6930

COLLAPSIBLE TUBES

PENNSYLVANIA

NEW BRIGHTON

Standard Specialty & Tube Co ..... Bell-New Brighton 1076 Beaver County 1076

COLLAPSIBLE TUBES, PLAIN & DECORATED

DELAWARE

WILMINGTON

Bond Manufacturing Corpn, 501 Monroe ..... Bell-Wilmington 1157 Automatic 1627

NEW JERSEY

NEW BRUNSWICK

Consolidated Fruit Jar Co., 62 Water .....New Brunswick 41

COLLAR, SHIRT AND UNDERWEAR PRINTING MACHINES

NEW YORK

TROY

Ready Machine Co, 306 N 3d av.....North 532-J

COLLARS, CLEANABLE

CALIFORNIA

SAN FRANCISCO

Arlington Company, 718 Mission.....Kearney 2704

ILLINOIS

CHICAGO

Arlington Company, 14 N Franklin.....Main 1932

MASSACHUSETTS

BOSTON

Arlington Company, 84-86 Essex.....Beach 3049

MISSOURI

ST LOUIS

Arlington Company, 505 N 7th.....Olive 1054

NEW YORK

NEW YORK CITY

Arlington Company, 725 Broadway.....Spring 9900

PENNSYLVANIA

PHILADELPHIA

Arlington Company, 900 Chestnut.....Walnut 381

COLLARS, HORSE

GEORGIA

ATLANTA

Couch Brothers Mfg Co .....East Point 483

COLLARS, SHAFT

PENNSYLVANIA

MANHEIM

Bond Foundry & Machine Co.....Manheim 41-A1

COLLECTING AGENCIES

CALIFORNIA

LOS ANGELES

Fidelity Mercantile Agency, Citizens Nat'l Bank bldg..... Manual-Main 534 Home-A 66662

OAKLAND

Guarantee Collection Agency, Bacon bldg .....Lakeside 54

CONNECTICUT

NEW HAVEN

Mercantile Adjustment Co Inc, First Natl Bk bldg ..... Liberty 8368-3
See our Catalog Space, page 983

ILLINOIS

CHICAGO

Business Protective Assn (Live Wire Collection Service) 39 S LaSalle.....Randolph 1115
Englewood Law & Collection Agency, 6221 S Halsted .....Wentworth 215
Inter-State Adjustment Co, 180 N Dearborn.Central 230
Mack Conie W & Co, 10 S LaSalle.....Franklin 1448
Maddock & Jaffe (Lawyers, Special Dept for Collections) 39 S LaSalle.....Randolph 1048

QUINCY

Allen Law Corporation, Illinois State Bank bldg .....Main 1012-W
Royal Audit Co The, 507½ Hampshire..Main 3493-J

SPRINGFIELD

Springfield Collection Agency, Dept D, Workman bldg .....Main 1322

KENTUCKY

LOUISVILLE

Mercantile Protective Assn, Norton bldg.Home-City 3443
Palmer Agency (Organized for protection of Credits, Collections, Commercial Law & Adjustments, References; Belknap Hdw Co, Ky. Wagon Mfg Co), Columbia bldg...Home-City 5269

MASSACHUSETTS

BOSTON

Brundage C W, 53 State.....Fort Hill 4254
Credit Protective Association (Bonded by the State, Collections Everywhere), 73 Tremont.....Haymarket 863
Schwarz Adolph M ("A law office specializing in collections and commercial litigation everywhere. Offices: New York, Chicago, Cleveland, Detroit, Pittsburgh and Atlanta) 18 Tremont.....Fort Hill 3670

MICHIGAN

DETROIT

Warren Mercantile Agency The, Stevens bldg.Cherry 3162
See our Catalog Space, page 934

MINNESOTA

MINNEAPOLIS

Merchants Collection Agency Inc, Bell-Nicollet 4956
The N Y Life bldg.....Tri State 33169
Reliance Collection Service Bell-Main 6913
McKnight bldg.....Tri State 34239
System Adjustment Co The Bell-Nicollet 787
Palace bldg.....Tri State 34991

MISSOURI

JOPLIN

Pettitt Adjustment Co, Frisco bldg.....Home 1503

ST LOUIS

Commercial Adjustment Bureau, Times bldg.Olive 134
Snowden & Snowden (Collections; adjustments anywhere; result getters; bonded; letters answered; remittances made, day rec'd. Reference in your city if desired) Railway Exch bldg.....Olive 2408

SPRINGFIELD

United Mercantile Agencies Inc (All classes of mercantile collections. American Law League rates) Woodruff bldg.....Springfield 1789

NEW YORK

BINGHAMTON

National Mercantile Agencies The, Security Mutual bldg.....Binghamton 1226-J

BUFFALO

Harlock L M Mercantile Agency, The 238 High.....Tupper 5658-J
Herr Service Co, Brisbane bldg.....Seneca 2193-J

NEW YORK CITY

Consolidated Credit Exchange The (Collections Throughout the World—Bonded Representatives Send Statements—No charge unless Successful), 50 Broad.....Broad 258
Creditors-Audit Collection Bureau, (Franklin H Brown mngr) (A standard powerful agency to collect your delinquent accounts) 41 Union sq.....Stuyvesant 2482
See our Catalog Space, page 933
Dodd Wm H (Quick Collections. Established Twenty-five Years) 87 Nassau.....Cortland 6231
Dopp Mercantile Agency The (Prompt Service. No collection no charge) 483 Knickerbocker av, B'klyn.....Evergreen 86
National Collection Agency, 51 Chambers..Worth 2325
See our Catalog Space, page 934
Rochman Clearing Credit Co (Quick results. Claims received and presented the same day and reported to you immediately. No collection, no charge) 220 Fifth av.....Mad Sq 9367
S S Adjustment Co (Prompt, Efficient Service, Immediate Reports. Wire us your business at our expense) 261 Broadway.....Barclay 4674

ROCHESTER

National Collection Agency, 16 State.....Main 1324
Rigg William C Co, Granite bldg.....Main 5185-M

OHIO

CINCINNATI

Lescher L Collecting Co The, Bell blk....Canal 774

DAYTON

Federal Mercantile Agency, Reibold bldg.....Bell-Main 4190
.....Ohio State 4190

HAMILTON

Ohio Mercantile Collection Agency, 152 High.....Hamilton 551-Y

LIMA

Wycett Collecting Co, Holland block.....High 2323

OKLAHOMA

OKLAHOMA CITY

Guarantee Collection Agency The, Woolworth bldg.....Maple 726

OREGON

PORTLAND

Short Adjustment Co, North Western Bell-Main 974
Bk bldg, Suite 826-829.....Automatic-A 3362

PENNSYLVANIA

PHILADELPHIA

Creditors Protective Assn, 1001 Chestnut..Filbert 2202
Dubree Charles, 1011 Chestnut.....Walnut 2911
Interstate Collection Offices, Maurice W Beckhardt Mgr, Lincoln bldg.....Walnut 2614
Masters & Weber Inc, 1001 Chestnut.....Walnut 1317
Mercantile Protective Assn, 1118-20 Chestnut.....Walnut 2735
Mills Edmund S, 1011 Chestnut.....Walnut 2612
Shriver Bartlett & Co, Broad & Bell-Filbert 3168
South Penn sq.....Keystone-Race 2426

RHODE ISLAND

PROVIDENCE

International Sherwin Service, 76 Dorrance.Union 1505
Western Mercantile Corp, 10 Weybosset...Union 1526

TENNESSEE

NASHVILLE

Nashville Adjustment Co, Stohhman bldg. .Main 4985

TEXAS

DALLAS

Blanchard T E & Co, North Texas bldg.....Main 6607
Bramlett R E & Co, Scotland bldg.....Main 827
Craig Mercantile Agency The, Sumpter bldg.Main 7090
Southwestern Mercantile Agency (Wholesaler's Coll exclusively. Est 1901. Under same management continuously. Largest coll agency in S W, Traveling adjuster at service of patrons), Gaston bldg.....Main 3370

HOUSTON

American Mercantile Agency The, Kress bldg.....Preston 6310
Craig Mercantile Agency The, Union Natl Bk bldg.....Preston 2620

SAN ANTONIO

Rogers Frank R (Est 1908, no collection, no charge) Brady Office bldg.....Crocket 6722

WASHINGTON

EVERETT

Collector Co The, Commercial bldg.....Main 267

SPOKANE

Merchants Collection Co, Peyton bldg.....Main 3801

WISCONSIN

MILWAUKEE

Attorney's Collection & Commerce Service Ass'n (Lawyers, No collection, no charge, References First Natl Bk, Milwaukee).....Main 1180

COLLECTING AGENCIES & CREDIT REPORTS

MICHIGAN

PONTIAC

Commercial Credit Co, Marsh blk.....Pontiac 817

COLLECTING AGENCIES GRAIN & COTTON DRAFTS

MISSOURI

ST LOUIS

National Bank of Commerce in St Louis The, Broadway & Olive.....Main 5512

COLLECTING AGENCIES AND MERCANTILE ADJUSTMENTS

COLORADO

DENVER

Colorado Credit Service, Gas & Electric bldg.Main 2360

ILLINOIS

CHICAGO

Kemble & Mills, Empire bldg.....Harrison 2045
Wilson Buckles Adjustment Co, 6 N Clark.....Franklin 4044

INDIANA

EVANSVILLE

Central State Adjustment Co Inc, American Trust bldg.....Evansville 877

KENTUCKY

LOUISVILLE

American Adjustment Co, Lincoln Bell-Main 1140
bldg.....Home-City 2829

MICHIGAN

DETROIT

Bureau of Credits, Majestic bldg.....Main 5641
Coad Herbert H, Park bldg.....Cherry 4385

MINNESOTA

MINNEAPOLIS

Mercantile Service Co, Andrus Bell-Nicollet 364
bldg.....Tri State 38980

NEBRASKA

OMAHA

Omaha Adjustment Co, Bee bldg.....Douglas 3672
Russell Adjustment Co, Woodmen of the World bldg.....Douglas 1941

PENNSYLVANIA

PITTSBURGH

Credit Index Co, Empire bldg.....Court 4241
Hickox System The, Bessemer bldg.....Court 1327
Kemble & Mills, Empire bldg.....Court 314

TENNESSEE

MEMPHIS

Consolidated Adjustment Co, Goodbar bldg, 128 Court av.....Main 2216

COLLECTIONS & COMMERCIAL LAW

ALABAMA

BIRMINGHAM

Jones Agency The, Title Guarantee bldg....Main 4203

COLLECTIONS & CREDIT RATINGS

OHIO

KENTON

Simmons' Collecting Co, Center North Side Square.....Kenton 1595

LIMA

Simmons' Collecting Co, 124½ West High..Main 5554

COLLECTION STICKERS

MARYLAND

BALTIMORE

Universal Specialty Co, Knickerbocker bldg.....

COLLEGE CAPS AND GOWNS

NEW YORK

NEW YORK CITY

Cox Sons & Vining, 72 Madison av.....Mad Sq 8545

COLLEGE PINS, RINGS, MEDALS

ILLINOIS

CHICAGO

Winship Chas A & Co, Masonic Temple...Central 1380

COLOR CARDS FOR PAINT MAKERS

ILLINOIS

CHICAGO

Morrison Chas C Co, 15-17 S Clinton...Franklin 3747

OHIO

CINCINNATI

Kinsey & Johnston, 230 E Pearl .....Main 4517

COLOR HOODS AND CAPS FOR ELECTRIC LAMPS

ILLINOIS

CHICAGO

Reynolds Electric Flasher Mfg Co, 422 S Talman av .....West 35

COLOR MANUFACTURERS

ILLINOIS

CHICAGO

Harrison Works (Owned and operated by E I Du-Pont de Nemours & Co), 2001 Mendell.Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (Owned and operated by E I Du-Pont de Nemours & Co), 918, 4th...Nicollet 567

NEW YORK

NEW YORK CITY

Childs Charles M & Co Inc, 41 Summit, Bklyn .....Hamilton 1413
Harrison Works (Owned and operated by E I Du-Pont de Nemours & Co), 80 Maiden Lane.John 6444
Hellenic Chemical & Color Co Inc, 427 W 13th .....Chelsea 7862
Metropolitan Chemical Specialty Co, 8 Maiden la .....John 2145

PENNSYLVANIA

PHILADELPHIA

Harrison Works (Owned and operated by E I Du-Pont de Nemours & Co), 35th st and Gray's Ferry rd .....Dicknsn 50

COLOR MNFRS & IMPORTERS

NEW JERSEY

JERSEY CITY

United Chemical Products Corporation York and Colgate .....Montgomery 3252

NEW YORK

NEW YORK CITY

Crescent Color & Chemical Works, 59th & 11th av.....Columbus 9700
Fezandie Felix, 205 Fulton.....Cortland 1460
Heller & Merz Co The, 505 Hudson.....Spring 9105
Katzenbach & Bullock Company, 100 William .....John 5797
Meyer, G A & E, 135 William .....John 1005

COLOR PLATE MAKERS & PRINTERS

COLORADO

DENVER

Brock-Haffner Press Co The, 1400 Arapahoe.Main 6210

COLOR PLATES

ILLINOIS

CHICAGO

Hawlin Engraving Co The, 19 S Wells.....Main 4103

COLORED PAPERS

NEW YORK

WATERFORD

Gilbert Frank Paper Co, Kings Canal..Waterford 183
See our Catalog Space, page 992

COLORS, ANILINE

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

COLUMNS

MICHIGAN

DETROIT

Detroit Column & Mfg Co, Holden av & MCRR .....North 233

COLUMNS: CAST IRON, BUILDING

ALABAMA

BIRMINGHAM

United States Cast Iron Pipe & Foundry Co, 1st av & 20th st .....Main 3738

CALIFORNIA

SAN FRANCISCO

United States Cast Iron Pipe & Foundry Co, 3d & Market sts.....Kearny 562

ILLINOIS

CHICAGO

United States Cast Iron Pipe & Foundry Co, 122 S Mich blvd.....Harrison 6863

MISSOURI

ST LOUIS

United States Cast Iron Pipe & Foundry Co, 319 N 4th st.....Olive 549

NEW YORK

BUFFALO

United States Cast Iron Pipe & Foundry Co, 957 East Ferry st.....Oxford 239

NEW YORK CITY

United States Cast Iron Pipe & Foundry Co, 71 Broadway .....Rector 655

OHIO

CLEVELAND

United States Cast Iron Pipe & Foundry Co, 1150 E 26th.....Prospect 761

PENNSYLVANIA

PHILADELPHIA

United States Cast Iron Pipe & Foundry Co, 1421 Chestnut st.....Spruce 1000
Wood R D Co, 400 Chestnut st.....Lombard 1020

PITTSBURGH

United States Cast Iron Pipe & Foundry Co, 6th & Smithfield sts.....Grant 767

COMB MANUFACTURERS

ILLINOIS

CHICAGO

Vulcanized Rubber Co The, 209 S State.Harrison 1271

NEW YORK

NEW YORK CITY

Atlantic Comb Works 10-12 East 38th.Vanderbilt 4691
Vulcanized Rubber Co The, 251, 4th av.Gramercy 3716

COMBUSTION RECORDERS

NEW YORK

NEW YORK CITY

Cehling Instrument Co, Empire bldg.....Rector 9638

COMBUSTION TESTING APPARATUS

ILLINOIS

CHICAGO

Combustion Appliances Co, 7101 N Clark .....Rogers Park 570

COMFORTABLES

PENNSYLVANIA

CHESTER

Huston Mfg Co, Chester .....Chester 82

COMMERCIAL AGENCIES

MICHIGAN

DETROIT

Bureau of Credits, Majestic bldg.....Main 5641

COMMERCIAL AND COLLECTING AGENCIES

OHIO

LIMA

Chown Commercial Co, Credit Ratings The, 413 South Baxter.....Main 2186

COMMERCIAL AUTOMOBILE BODIES & REPAIRS

MISSOURI

KANSAS CITY

Missouri Wagon & Carriage Company, 308-310 Broadway .....Bell-Main 156 Home-Main 156

COMMERCIAL CHEMICALS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt .....John 1625

PENNSYLVANIA

PITTSBURGH

Mortland Chemical Co, Fitzsimons bldg...Court 2191

COMMERCIAL ILLUSTRATORS

OHIO

CLEVELAND

Luck Illustrating Co The, American Trust bldg .....Main 2173

COMMERCIAL ORGANIZATIONS

WISCONSIN

MADISON

Madison Association of Commerce, Cantwell bldg .....Bridge 7305

COMMERCIAL PHOTOGRAPHERS

ILLINOIS

CHICAGO

American Photographic Co, 22 E 8th.....Wabash 4962
Commercial Photographic Co, 538 S Clark .....Harrison 4211
Hallenbeck Frank M, 440 S Dearborn..Harrison 7002
Solomon Chas H, 1553 W Madison...Haymarket 529
Stadler Photographing Co 1322 S Wabash av. .....Calumet 4390
Webster Bros, 53 W Jackson bl.....Harrison 3709

INDIANA

INDIANAPOLIS

Holland Studio 17 West Market Bell-Main 2989
.....Automatic 23980

MICHIGAN

DETROIT

Spencer & Wyckoff, Smith bldg.....Cherry 1257

MINNESOTA

MINNEAPOLIS

Lee Bros, 527 Marquette av Bell-Main 4662
.....Tri State 32364

ST PAUL

Photo Art Shop, Ryan bldg Bell-Cedar 7740
..... Tri State 23781

NEW YORK

ALBANY

Glenn J A, 76 Columbia.....Main 3027

BUFFALO

Commercial Color Photo Co (Manufacturers, wholesalers, travelers samples in colors) 72 E Genesee.....Seneca 844-R
Schaefer Al H, 833 Michigan av .....Tupper 1769-W

OHIO

CINCINNATI

Crone Commercial Photo Co, Odd Fellows Temple .....Canal 4134

CLEVELAND

Black C M, Commercial Photographer Anisfield bldg .....Prospect 2689
Cleveland Commercial Photo Co, 1514 Prospect av .....Prospect 2516-W
Musposka Bros, 1841 Euclid av.....Prospect 1198-W
Knobloch J F, 409 Superior West.....Main 1981
Koss H, 1804 E 26th.....Prospect 363
Ohio Commercial Photograph Co, 772 E 82d .....Rosedale 5004-W

EAST LIVERPOOL

Cardley Fred E, 108 E Sixth.....East Liverpool 450

COMMERCIAL PRINTERS

ILLINOIS

CHICAGO

edstrom-Barry Co. 618-620 Sherman...Harrison 6140

COMMISSION MERCHANTS

NEW YORK

NEW YORK CITY

ne Frederick H, 181 Front .....John 1998
oper & Cooper, 309 Broadway .....Worth 851

COMMISSION MERCHANTS, IMPORTERS AND EXPORTERS

NEW YORK

NEW YORK CITY

hel Edward P & Co, 354 Fourth av ..Mad Sq 680

COMMUTATORS, SEGMENTS & ARMATURE COILS

CONNECTICUT

ANSONIA

Cameron Electrical Mfg Co The, 203 Main.Derby 661

COMPASSES

NEW YORK

ROCHESTER

Taylor Instrument Companies, 95 Ames ...Stone 6700

COMPO-BOARD

NEW YORK

NEW YORK CITY

Wright Lumber Co. Inc, 140-154 W 38th ..Greeley 292

COMPOSITION CAPITALS

MICHIGAN

DETROIT

Detroit Column & Mfg Co, Holden av & MC RR .....North 233

COMPOSITION, FLOORING

NEW YORK

NEW YORK CITY

Abestolith Manufacturing Company (Resilient, fireproof, sanitary, flooring, wainscoting, stairs) 1 Madison av.....Gramercy 3794
Linotol Flooring Co, 26 Reid Bklyn.....Hamilton 2309

SYRACUSE

Santilite. Corporation, 104-108 Tully ...Warren 2350

COMPOSITION FLOORING, SANITARY PLASTIC

NEW YORK

NEW YORK CITY

General Kompolite Co, 325 Borden av L I City.....Hunters Pt 5361

COMPOUNDS (WIRE DRAWING MACHINE, ETC.) MFRS.

NEW JERSEY

TRENTON

Cosmic Chemical Co Inc, New York av and Mulberry .....Trenton 1891

COMPRESSORS, AIR

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

NEW YORK

NEW YORK CITY

Curtis Pneumatic Machinery Co, Hudson Terminal bldg .....Cortland 2818

COMPRESSORS, GARAGE

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

NEW YORK

NEW YORK CITY

Curtis Pneumatic Machinery Co, Hudson Terminal bldg .....Cortland 2818

COMPRESSORS, USED EQUIPMENT—ALL PURPOSES

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg..Grant 1516
See our Catalog Space, page 976

COMPUTING CHEESE CUTTERS MANUFACTURERS

INDIANA

ANDERSON

Ideal Manufacturing Co, 1525 Main...Anderson 119

CONCENTRATING MACHINERY

MISSOURI

JOPLIN

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

CONCRETE ANCHORS

ILLINOIS

CHICAGO

Richmond Screw Anchor Co (Sellars Supply Co) 557-559 West Quincy.....Main 577

MARYLAND

BALTIMORE

Richmond Screw Anchor Co (Henry H Meyer Co) 110 S Howard.....St Paul 4151

PENNSYLVANIA

PHILADELPHIA

Richmond Screw Anchor Co (Giles & Ransome) Commonwealth bldg.....Walnut 1964

CONCRETE ANCHORS, INSERTS, EXPANSION BOLTS

NEW YORK

NEW YORK CITY

Richmond Screw Anchor Co, World bldg.Beekman 4000

CONCRETE BLOCK MACHINERY

ILLINOIS

CHICAGO

Sellar Supply Co, 557-559 W Quincy.....Main 577

CONCRETE BLOCK & STONE MACHINERY—AUTOMATIC

OHIO

CINCINNATI

Brandell Co The, Union Trust bldg.....Main 78

CONCRETE CARTS

IOWA

KEOKUK

American Cement Machine Co The Inc (Branch Offices and Stocks in all principal cities) .....Keokuk 788

NEW YORK

NEW YORK CITY

American Cement Machine Co The Inc (Edw Ehrbar, Mgr), 270 West.....Canal 8473

CONCRETE CONSTRUCTION

ILLINOIS

CHICAGO

Raymond Concrete Pile Co, 111 W Monroe.Central 3012

KENTUCKY

LOUISVILLE

Natl Concrete Construction Co, Board of Trade bldg .....Bell-Main 3529 Home City 3529

MARYLAND

BALTIMORE

Raymond Concrete Pile Co, Munsey bldg.St. Paul 7074

MASSACHUSETTS

BOSTON

Raymond Concrete Pile Co, Exchange bldg .....Fort Hill 4276
Tucker Edward A Co, 683 Atlantic av.....Beach 4670

MISSOURI

KANSAS CITY

Raymond Concrete Pile Co, 1012 Baltimore av .....Main 3855

NEW YORK

NEW YORK CITY

Raymond Concrete Pile Co, 90 West.....Rector 1921

OHIO

CLEVELAND

Raymond Concrete Pile Co, 1836 Euclid av.Prospect 2210

OREGON

PORTLAND

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

PENNSYLVANIA

PHILADELPHIA

Raymond Concrete Pile Co, Finance bldg..Spruce 2533

PITTSBURGH

Raymond Concrete Pile Co, Union Bank bldg.Court 1436

CONCRETE CONTRACTORS

VIRGINIA

DANVILLE

Watson-Fitzgerald Co Inc.....Danville 234

CONCRETE CULVERTS, DRAIN PIPE, ETC. MFRS.

PENNSYLVANIA

NEW HOLLAND

Muselman C Paul, Prospect Bell-New Holland 18-R-2
.....Independent 926

CONCRETE FLOORS, BINDER, WATERPROOFER & HARDENER

OHIO

CLEVELAND

American Concrete Filler Co The, Hippodrome Annex bldg.....Main 5798

CONCRETE FORM TIES FOR CONCRETE

ILLINOIS

CHICAGO

Richmond Screw Anchor Co ("Tyscru") (Sellars Supply Co) 557-559 W Quincy.Main 577

MARYLAND

BALTIMORE

Richmond Screw Anchor Co ("Tyscru") (Henry H Meyer Co) 110 S Howard..St Paul 4151

NEW YORK

NEW YORK CITY

Richmond Screw Anchor Co ("Tyscru") World bldg .....Beekman 4000

PENNSYLVANIA

PHILADELPHIA

Richmond Screw Anchor Co ("Tyscru") (Giles & Ransome) Commonwealth bldg .....Walnut 1964

CONCRETE HEATERS

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Oil Burning for Concrete Mixers) 28 Church.....Cortland 7673

CONCRETE INSERTS

ILLINOIS

CHICAGO

Dean Olney J & Co, 19 S Lasalle.....Central 3462

CONCRETE MACHINERY MIXERS BLOCK, DRAINTILE, SEWER PIPE

MICHIGAN

HOLLAND

Dunn W E Mfg Co, 400, 24th.....Bell-Holland 48
.....Citizens 1222

CONCRETE MIXERS

CALIFORNIA

SAN FRANCISCO

Koehring Machine Company, (Harron, Rickard & McCone) 139 Townsend....Kearny 2240
Lansing-Company, 338-348 Brannan .....Kearny 2975

ILLINOIS

CHICAGO

Archer Iron Works, Western av and 84th pl.Yards 212
Austin F C Company Inc 80 E Jackson bl.Harrison 4668
Chain Belt Company (W B Louer Co, Agents), 415 S Dearborn .....Harrison 7366
Cropp A J & Co, 1721 W Grand av.....Monroe 2799
Koehring Machine Company, (G E Hillsman, Dist Mgr), Peoples Gas bldg...Harrison 5183
Lansing-Company, 169 W Lake.....Main 3758
Sellar Supply Co, 557-559 W Quincy.....Main 577

INDIANA

INDIANAPOLIS

Koehring Machine Company, (H W Taylor, Dist Mngr), Fletcher Savings & Trust bldg .....Main 1812

IOWA

KEOKUK

American Cement Machine Co The Inc.(Branch offices and stocks in all principal cities) .....Keokuk 788

WATERLOO

Stewart Mfg Co, 124 Rath.....Waterloo 896

KENTUCKY

LOUISVILLE

Archer Iron Works (Warren Bros, Agts), 306 W Main.....Bell-Main 536-A Home-City 4999

MASSACHUSETTS

BOSTON

Archer Iron Works (Perrin Seamans & Co Agts) 57 Oliver.....Main 909
Koehring Machine Company, (F O Johnson) 141 Milk.....Ft Hill 4174
Lansing-Company, 78 Cambridge ...Charlestown 1370

MICHIGAN

LANSING

Lansing-Company .....Lansing 2000

MINNESOTA

MINNEAPOLIS

Koehring Machine Company, (A Sperling Jr, Dist Mngr), Plymouth bldg.....Main 1268
Lansing-Company, 517-519 Third N Bell-Main 3723
.....Tri State 36-711

MISSOURI

KANSAS CITY

Koehring Machine Company (K W Lewis, Direct Facty Rep), Commerce Trust bldg.....Main 4586
Lansing-Company, 1413-1415 W Tenth.Home-Main 4638

ST LOUIS

Koehring Machine Company (C F Rabbeitt, Dist Mngr), Railway Exchange bldg....Olive 1353

NEW YORK

BUFFALO

Koehring Machine Company, (H B Trevor Co), 939 Elmwood av.....North 2218
Niagara Concrete Mixer Co, 40 Pearl.....Seneca 4132

NEW YORK CITY

American Cement Machine Co The Inc (Edw Ehrbar, Mgr), 270 West.....Canal 8473
Austin F C Company Inc, 30 Church...Cortland 666
Chain Belt Company, 30 Church.....Cortland 3949
Koehring Machine Company, (R E Brooks, Dist Mngr), 50 Church.....Cortland 8983
Lansing-Company, 288-289 West St .....Canal 9073
Marsh-Capron Mfg Co (A S Hayes, Dist Mgr), 120 Liberty .....Rector 4434

OHIO

CLEVELAND

Clarke F H Mfg Co (The Kelly Mixer), 10720 Superior av.....Garfield 5124-W
Koehring Machine Company, (Bacon Engineering Sales Co), Rose bldg.....Main 4000

COLUMBUS

Jaeger Machine Co The, Hocking and Dublin .....Bell-Main 1699 Ohio State 9360
Koehring Machine Company, (W W Williams, Dist Mgr), Brunson bldg.....Main 4894

OREGON

PORTLAND

Koehring Machine Company, N W (H E Johnson Mngr), 254 Hawthorne av.....East 6482

PENNSYLVANIA

PHILADELPHIA

Archer Iron Works (Watson Paxson Beckett Co Agts) 200 N 15th.....Spruce 4196
Chain Belt Company (Edelen & Co), Commercial Trust bldg.....Spruce 3685
Koehring Machine Company, (Lee T Ward Co), Commercial Trust bldg.....Spruce 5149
Lansing-Company, North American and Willow .....Bell-Market 1822 Keystone-Main 2320

PITTSBURGH

Chain Belt Company, Second National Bank bldg .....Grant 6715
Koehring Machine Company, (Charles T Topping), Oliver bldg.....Grant 778
Standard Scale & Supply Co The, 1681 Liberty av .....Grant 4125

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TENNESSEE

CHATTANOOGA

Koehring Machine Company, (Sloan & Co) 118 West 8th.....Main 1990

TEXAS

DALLAS

Koehring Machine Co of Texas (Geo W Smith, Mngr), Sumpter bldg.....Main 6970

UTAH

SALT LAKE CITY

Koehring Machine Company, (Harris Brothers), Atlas blk.....Wasatch 4342

VIRGINIA

NORFOLK

Koehring Machine Company, (Lewter F Hobbs) Seaboard National Bank bldg.Norfolk 3031

WASHINGTON

SEATTLE

Koehring Machine Company, N W (L A Snow Repr), 1512, 8th av.....Main 2701

WISCONSIN

MILWAUKEE

hain Belt Company, 762 Park.....Hanover 3000
oehring Machine Company, 31st and Concordia av .....Kilbourn 2903
mith T L Co The, 1105, 32d.....Kilbourn 4100

ONCRETE MIXERS & FOUNDATION COAL CHUTES

IOWA

FT DODGE

wa Fdg & Mfg Co, 1st av N & 21st....Ft Dodge 883

ONCRETE PAVERS

WISCONSIN

MILWAUKEE

ith T L Co The, 1105, 32d.....Kilbourn 4100

ONCRETE PILES

ILLINOIS

CHICAGO

c Arthur Concrete Pile and Foundation Company, Peoples Gas bldg, 122 S Michigan av .....Harrison 156
ymond Concrete Pile Co 111 W Monroe.Central 3012

MARYLAND

BALTIMORE

ymond Concrete Pile Co, Munsey bldg..St Paul 7074

MASSACHUSETTS

BOSTON

c Arthur Concrete Pile and Foundation Company, 185 Devonshire.....Main 1338
mond Concrete Pile Co, Exchange bldg .....Fort Hill 4276

MISSOURI

KANSAS CITY

mond Concrete Pile Co, 1012 Baltimore av .....Main 3855

NEW YORK

NEW YORK CITY

Arthur Concrete Pile and Foundation Company, 120 Broadway.....Rector 1270
mond Concrete Pile Co, 90 West.....Rector 1921

OHIO

CLEVELAND

nond Concrete Pile Co, 1836 Euclid av .....Prospect 2210

OREGON

PORTLAND

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

PENNSYLVANIA

PHILADELPHIA

Mac Arthur Concrete Pile and Foundation Company, Stock Exchange bldg.....Spruce 5492
Raymond Concrete Pile Co, Finance bldg..Spruce 2533

PITTSBURGH

Mac Arthur Concrete Pile and Foundation Company, Century bldg.....Grant 3867
Raymond Concrete Pile Co Union Bank bldg .....Court 1436

VIRGINIA

RICHMOND

Mac Arthur Concrete Pile and Foundation Company (Montague Mfg Co, Rep), 10th and Main .....Randolph 2270

CONCRETE REINFORCEMENT

ILLINOIS

CHICAGO

North Western Expanded Metal Co, Old Colony bldg .....Harrison 1701

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009
Tucker Edward A Co, 683 Atlantic av....Beach 4670

CAMBRIDGE

North Western Expanded Metal Co, 280 Sydney .....Cambridge 7206

NEW YORK

NEW YORK CITY

Penn Metal Co, 559 W 36th.....Greeley 391

CONCRETE RE-INFORCING BARS & MESH

ILLINOIS

CHICAGO

American System of Reinforcing, 10 S Lasalle.Main 5195
Corrugated Bar Co, 20 W Jackson bl ..Harrison 3724
Dean Olney J & Co, 19 S Lasalle.....Central 3462

MASSACHUSETTS

BOSTON

Corrugated Bar Co, 220 Devonshire ...Fort Hill 4282

MICHIGAN

DETROIT

Corrugated Bar Co, Penobscot bldg.....Cherry 5040

MISSOURI

ST LOUIS

Corrugated Bar Co, Federal Reserve Bk bldg .....Olive 2860

NEW YORK

BUFFALO

Corrugated Bar Co, Mutual Life bldg.....Seneca 4310

NEW YORK CITY

Corrugated Bar Co, 17 Battery pl.....Rector 4685

SYRACUSE

Corrugated Bar Co, Union bldg.....Warren 5369

PENNSYLVANIA

PHILADELPHIA

Corrugated Bar Co, Transportation bldg..Spruce 5747

WISCONSIN

MILWAUKEE

Corrugated Bar Co, Wells bldg.....Main 1555

CONCRETE REINFORCING MATERIALS

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis....Mt Vernon 980

CONCRETE REINFORCING PLATES & FLOOR CORES

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 309 12, 10th av So .....Bell-Nicollet 534 Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, se cor 22d & 11th av.Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E .....Bell-Main 3000 Ohio State 271

CONDENSERS

ILLINOIS

CHICAGO

Baragwanath Wm & Son, Monadnock blk.Harrison 5744

CONDENSERS—BAROMETRIC

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

CONDENSERS—SURFACE

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

CONDENSITE PRODUCTS

OHIO

DAYTON

Siebert Engineering Co The, 131 E Third...Main 9184

CONDUIT FIBRE

INDIANA

EAST CHICAGO

American Conduit Co, 148th and Railroad av .....East Chicago 63

NEW YORK

NEW YORK CITY

American Conduit Co, 140 Nassau ...Beekman 4790

CONDUITS, INTERIOR

NEW YORK

NEW YORK CITY

Triangle Conduit Co, 50-54 Columbia Heights, Brooklyn .....Main 548

CONFECTIONERS' FRUITS, FLAVORS, COLORS, MATERIALS

ILLINOIS

CHICAGO

Sethness Company, 718-724 N Curtis ....Monroe 6780

CONFECTIONERS (MNFRS. OF COATED CANDY, ALMONDS, ETC)

RHODE ISLAND

PROVIDENCE

Guadagni P & Sons, 653 Admiral.....Union 4954-R

CONFECTIONERS (MANUFACTURING)

ILLINOIS

BLOOMINGTON

Beich Paul F Co.....Main 89

CHICAGO

Beich Paul F Co, 126-128 S Green....Haymarket 6437
Bunte Brothers, 720-738 W Monroe....Haymarket 906
Central Candy Co, 504-510 S Desplaines.Haymarket 5500
Elmer Candy Co Inc (A M Boex, Rep), Mnfrs high grade chocolate package goods, 88 E Randolph .....Central 517
Reed Eugene O Company, 2956 N Leavitt.Lakeview 50
Rueckheim Bros & Eckstein Inc (Cracker Jack, Angelus Marshmallow, Pop Corn), Harrison and Peoria .....Haymarket 660

LOUISIANA

NEW ORLEANS

Elmer Candy Co Inc, Mnfrs high grade chocolate package goods, 540 Magazine .....Main 3781

MASSACHUSETTS

BOSTON

New England Confectionery Co, 253 Summer .....Main 6535

MINNESOTA

ST PAUL

Sanitary Food Mfg Company Bell-Midway 1650
University & Fairview avs .....Tri-State 82957

NEW YORK

NEW YORK CITY

Rueckheim Bros & Eckstein, Inc (Cracker Jack, Angelus Marshmallow, Pop Corn) 41st and 2d av, Bklyn.....Sunset 4035

OHIO

CINCINNATI

Aromint Mfg Co The, 1638-52 Central av....West 4118

CLEVELAND

Ohio Confection Co The Bell-Broadway 800
5305 Sweeney av .....Ohio State-Union 148-W

DAYTON

Ball C S, 18-20 S St Clair .....Bell-Main 6045
.....Ohio State 3128
Deardorff Chas B, 4th st, U B bldg.....Main 8557

CONFECTIONERS (WHOLESALE)

OHIO

CINCINNATI

Bolt Pfaff & Co, 2d and Race .....Main 912
Dolly Varden Chocolate Co The, 411-17 Laurel .....West 3421
Reinhart & Newton Co, The, 210-12-14 Vine .....Main 1585

CONFECTIONERS & CHOCOLATE MACHINERY, NEW & REBUILT

NEW YORK

NEW YORK CITY

Baum J Edward Inc, 606-612 W 55th..Columbus 1932

CONFECTIONERS' MACHINERY

ILLINOIS

CHICAGO

Savage Bros Co, 321-323 W Austin av.....Main 1090

NEW YORK

ROCHESTER

Werner John & Sons Inc, 713-729 Lake av .....Rochester-Glenwood 492

OHIO

CINCINNATI

Hilbert Machine Co The, 2116-22 Colerain av.West 1751

CONFECTIONERS' MACHINERY, NEW, SECOND HAND, ETC

NEW YORK

NEW YORK CITY

Old Colony Machinery Co Inc, 108 W 14th.Chelsea 1194

CONFECTIONERS' MACHINERY & TOOLS

PENNSYLVANIA

PHILADELPHIA

Mills Thos & Bro Inc, (Bakers and Ice Cream Supplies, etc), 1301-11 Bell-Kensington 5200
N 8th ..... Keystone-Park 214

CONFECTIONERS' NOVELTIES, PAPER HATS, ETC. MNFRS.

NEW YORK

NEW YORK CITY

Davidsohn Mrs I, 201 W 145th.....Audubon 7388

CONFECTIONERS OUTFITS—NEW & SECOND HAND

OHIO

CINCINNATI

Economy Supply Co, 126 E Pearl.....Main 1147

CONFECTIONERS' RAW MATERIALS

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

CONSOLIDATED CAR FORWARDING

ILLINOIS

CHICAGO

Gallagher & Ascher, 112 W Adams.....Randolph 1466

CONSULTING ENGINEERS

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

HARTFORD

Fletcher-Thompson, Incorporated, Connecticut Mutual bldg .....Bushnell 234

ILLINOIS

CHICAGO

Atkins Charles G, Monadnock blk.....Harrison 2135
Pearson John W Co, 839-41 W Lake.....Monroe 5838

NEW JERSEY

NEWARK

Thompson-Fletcher, Incorporated, 207 Market .....Market 4467

OHIO

CLEVELAND

Prather H B, Rockefeller bldg.....Main 2043

PENNSYLVANIA

PITTSBURGH

Rutherfoord & Uptegraff, 1st National Bank Bldg .....Court 1264

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson, Incorporated, Turk's Head bldg .....Union 1989

CONSULTING ENGNRS. (MECHANICAL EQUIPMENT OF BLDGS.)

MISSSOURI

KANSAS CITY

Gillham Walter E, Inter-State bldg.....Main 6632

CONSULTING ENGINEERS, REINFORCED CONCRETE

MISSOURI

ST LOUIS

Brussel & Viterbo, Wright bldg.....Olive 3604

CONTAINERS

GEORGIA

ATLANTA

National Paper Co ("National Folding"), Simpson, Elliott & Tyler and Sou Ry.....Main 1163

NEW YORK

NEW YORK CITY

American Container Co (Tin, glass, paper, fiberoid) 1790 Broadway....Columbus 5930

CONTAINERS, CORRUGATED & FIBRE

ILLINOIS

CHICAGO

Chicago Mill & Lumber Co, 111 W Washington .....Franklin 4300

MICHIGAN

DETROIT

Detroit Wire Bound Box Co, 18th & Hancock av .....Walnut 703

MISSOURI

ST LOUIS

Chicago Mill & Lumber Co, (W O Shillington Mgr), 2d & Chouteau av.....Main 1777

NEW YORK

BUFFALO

Chicago Mill & Lumber Co, (J E Gillett, Mgr), Brisbane bldg .....Seneca 3244

NEW YORK CITY

Chicago Mill & Lumber Co, (H R Owen Mgr), 19 W 44th.....Vanderbilt 4320

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co, Carthage Pike & Big 4 R R St Bernard.....Avon 863

PENNSYLVANIA

PHILADELPHIA

Chicago Mill & Lumber Co (H T Powers, Mgr), Widener bldg .....Walnut 4047

CONTAINERS, WATERPROOFED PAPER CUPS AND TUBS

NEW JERSEY

NEWARK

Mono-Service Co, Verona av & Oraton st .....Branch Brook 4300
See our Catalog Space, page 935
Moore Saml W & Sons Inc, 24 Scott....Market 278

CONTRACT MACHINE WORK

CONNECTICUT

DANBURY

Turner Machine Company, 28-46 Maple Av. Danbury 17

CONTRACT MANUFACTURERS OF TOOLS & MACHINE TOOL BLDRS.

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av ..... East 234

CONTRACTING ENGINEERS

ILLINOIS

CHICAGO

Beaver Electric Construction Co, 30 N LaSalle. Main 1115

CONTRACTORS

ILLINOIS

CHICAGO

Schmidt Bros Construction Co, 74 W Washington .....Randolph 2024

NEW YORK

BUFFALO

Harrison Eng & Construction Corp, Morgan bldg ..... Seneca 2618

OHIO

CINCINNATI

Coburn John, 2101 Reading rd.....Canal 2142
Crumley, Jones & Crumley Co, The, Florence and Concord.....Woodburn 3850

CONTRACTORS (BUILDING)

MASSACHUSETTS

HOLYOKE

Jasper Ranger Construction Co, 20 Bond..Holyoke 2530

NEW YORK

NEW YORK CITY

Jasper Ranger Construction Co, 101 Park av ..... Murry Hil 2906

CONTRACTORS (DRILLING)

NEW YORK

NEW YORK CITY

Pennsylvania Drilling Co, 17 Battery pl...Rector 5993

CONTRACTORS (ELECTRICAL)

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th..... Bell-Walnut 2963 Keystone-Race 20

CONTRACTORS (GENERAL)

GEORGIA

ATLANTA

Brooks Callaway Co, Healey bldg.....Ivy 8539

AUGUSTA

Lawrence Construction Co, 127, 8th st..Augusta 1773

ILLINOIS

CHICAGO

Leonard Construction Co, 332 S Michigan av .....Harrison 4465

INDIANA

INDIANAPOLIS

Bedford Stone & Construction Co Bell-Main 1435
Fletcher Trust bldg .....Automatic 25-436

MASSACHUSETTS

BOSTON

Bishop J W Co, 683 Atlantic av.....Beach 453

WORCESTER

Bishop J W Co, 109 Foster .....Park 2635

NEW YORK

BUFFALO

Chesley, Earl & Heimbach Inc, 20 Brecken-ridge .....North 880

NEW YORK CITY

Bishop J W Co, 101 Park av.....Murry Hil 3190
Leonard Construction Co, 17 Battery pl ..Rector 9986
Smith, Hauser & MacIsaac Inc, 18 E 41st.....Murray Hill 447

NORTH TONAWANDA

Durolithic Co, Main st .....Tonawanda 16

RHODE ISLAND

PROVIDENCE

Bishop J W Co, Butler Exchange .....Union 2

CONTRACTORS (MILLWORK)

PENNSYLVANIA

WARREN

Hamm Chas E, 28 and 30 Clark .....Warren 296-J

CONTRACTORS (SHEET METAL—HEATING—VENTILATING)

PENNSYLVANIA

ALLENTOWN

Hersh & Brother, 645-657 Mill....Bell-Allentown 1010
.....Keystone 2728

CONTRACTORS & BUILDERS

NEW YORK

BUFFALO

Forrest Chas, 46 E Mohawk .....Seneca 4596

CONTRACTORS & BUILDERS—MASON

MICHIGAN

DETROIT

Rogowski Bros & Co, Canfield av & G T R R. Ridge 5708

CONTRACTORS' EQUIPMENT

ILLINOIS

CHICAGO

Chicago Rail & Equipment Co, 8649 S Rockwell .....Yards 6001
Shaw Willis, 80 E Jackson blvd.....Harrison 22

MASSACHUSETTS

BOSTON

Bond Harold L Co, 383-391 Atlantic av. Fort Hill 2760

MISSOURI

ST LOUIS

Smith Geo F, Channing & Franklin.....Bomont 384

NEW JERSEY

LINCOLN

Industrial Service Company.....Bound Brook 437

PENNSYLVANIA

PITTSBURGH

Kleinhans H Co (All Classes Equipment, Sold or Rented) Union Arcade.....Grant 4642

CONTRACTORS' EQUIPMENT (SECOND HAND)

NEW YORK

NEW YORK CITY

Leaf E B Co, 50 Church.....Cortland 2656

ROCHESTER

Wilson Wm H, Iron Works, 31-57 Industrial..Main-5131
See our Catalog Space, page 976

CONTRACTORS' EQUIPMENT & FIRE PROOFING

KENTUCKY

LOUISVILLE

Barret Thomas L, 127 N 3d Bell-Main 57
..... Home-City 730

CONTRACTORS' EQUIPMENT & MACHINERY

ILLINOIS

CHICAGO

Louer W B Company, Old Colony bldg..Harrison 7366

MINNESOTA

MINNEAPOLIS

Manufacturers Supply Co, 2309 University Bell-East 290
S E.....Tri State 41526

NEW YORK

NEW YORK CITY

Hubbard-Flood Co, Inc, The, 90 West.....Rector 9860
See our Catalog Space, page 975

PENNSYLVANIA

PITTSBURGH

Standard Scale & Supply Co The, 1631 Liberty av .....Grant 4125
See our Catalog Space, page [illegible]

CONTRACTORS' EQUIPMENT & MACHINERY (NEW & 2D HAND)

PENNSYLVANIA

PHILADELPHIA

Seyfert's L F Sons Inc, 437 N 3d.....Bell-Market 2966
.....Keystone-Main 1487

CONTRACTORS' EQUIPMENTS BOUGHT & SOLD

OHIO

COLUMBUS

Topper Bros, 260 Kimball.....Bell-Main 7728
.....Ohio State 6376

PENNSYLVANIA

PHILADELPHIA

Hitner's Henry A Sons Co, Aramingo av and Huntingdon .....Kensington 5434

CONTRACTORS' MACHINERY

ILLINOIS

CHICAGO

Marsh George C & Co, 37 W Vanburen..Harrison 5799
Moore Bros, 39 S Lasalle.....Majestic 7396

MISSOURI

ST LOUIS

Hely J P, 3840 Market .....Lindell 3570

NEW YORK

BUFFALO

Niagara Concrete Mixer Co, 40 Pearl.....Seneca 4132

OHIO

CINCINNATI

Equity Equipment Co, The, 1434 Main ...Canal 5368

WISCONSIN

MILWAUKEE

Smith T L Co, The 1105, 32d.....Kilbourn 4100

CONTRACTORS' MACHINERY & CLAM SHELL BUCKETS

NEW YORK

NEW YORK CITY

Haiss George Mfg Co, 141st & Rider av..Melrose 241

CONTRACTORS' MACHINERY AND EQUIPMENT

ILLINOIS

CHICAGO

Sellar Supply Co, 557-559 W Quincy.....Main 577
Wilson Machinery Co, 331 W 35th.....Yards 354

IOWA

KEOKUK

American Cement Machine Co The Inc (Branch offices and stocks in all principal cities) .....Keokuk 788

NEW YORK

NEW YORK CITY

American Cement Machine Co The Inc (Edw Ehrlan, Mgr), 270 West st.....Canal 8473

OHIO

SPRINGFIELD

Lane Thomas J, Bushnell bldg.....Main 3179

PENNSYLVANIA

PITTSBURGH

Empire Engineering & Equipment Co, Empire bldg .....Court 1550
Pittsburgh Machinery & Equipment Co, Fulton bldg.....Grant 3047

CONTRACTORS' PLANT

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Bway.....Whitehall 396
See our Catalog Space, page 963

CONTRACTORS' PLANT & EQUIPMENT

ILLINOIS

CHICAGO

Marsh-Bothe Machinery Co, 37 W Van Buren .....Harrison 2746

CONTRACTORS' & RR SUPPLIES, HEAVY HARDWARE

NEW YORK

NEW YORK CITY

Green G S Co Inc, 74 Warren.....Barclay 8688

CONTRACTORS & ROLLING MILL MACHINERY (NEW OR USED)

PENNSYLVANIA

PITTSBURGH

Carlin John H Machine Co, Sandusky & Lacock sts .....Cedar 233

CONTRACTORS' STORAGE YARDS

NEW JERSEY

LINCOLN

Industrial Service Company.....Bound Brook 437

CONTRACTORS' SUPPLIES

ILLINOIS

CHICAGO

Crerar Adams & Co, 239-259 E Erie....Superior 6481

NEW JERSEY

HOBOKEN

Stocker F William Inc, 1031-1033 Clinton.Hoboken 2274

OHIO

CINCINNATI

Kennedy Supply Co, 1113 Gilbert av.....Canal 2907

PENNSYLVANIA

PHILADELPHIA

Shannon J Jacob & Co, 1744 Market.....Spruce 1744
See our Catalog Space, page 935

CONTRACTORS' SUPPLIES & HEAVY HARDWARE

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

CONTRACTORS' TOOLS—BULL PTS, BARS, BRICK HAMMERS

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av.....Superior 3674

CONTRACTORS' TOOLS—BULL PTS., WRECKING BARS, ETC

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

CONTRACTORS' TOOLS AND EQUIPMENT

PENNSYLVANIA

READING

Penn Foundry & Mfg Co, Box 182.....Reading 991-X

CONTROLLERS, BOILER

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples Bank bldg.....Court 3057
See our Catalog Space, page 956

CONVENTION REPORTERS

ILLINOIS

CHICAGO

Devlin & Roberts, Conway bldg.....Randolph 4846
Gurtler Frederick H, 69 W Washington....Central 1638
Walsh Edward J, Conway bldg.....Franklin 2188

CONVEYING AUTOMATIC ELEVATORS, GRAVITY CONVEYORS

NEW YORK

NEW YORK CITY

Minnesota Manufacturers Association (Heath & Ketter, Rep) (Chutes Spiral) 30 Church .....Cortland 4541

CONVEYING, ELEVATING & POWER TRANSMISSION MACHINERY

ALABAMA

BIRMINGHAM

Jeffrey Mfg Co The, Brown Marx bldg....Main 4945

CANADA

MONTREAL, QUEBEC

Jeffrey Mfg Co The, 83 Craig W.....Main 1523

COLORADO

DENVER

Jeffrey Mfg Co The, First Nat'l Bank bldg..Main 388

ILLINOIS

CHICAGO

Jeffrey Mfg Co The, McCormick bldg, 332 S Mich av.....Harrison 8008

MISSOURI

ST LOUIS

Jeffrey Mfg Co The, Railway Exchange bldg .....Olive 2349

NEW YORK

NEW YORK CITY

Jeffrey Mfg Co The, 50 Dey.....Cortland 5416

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth....North 2360

PENNSYLVANIA

PITTSBURGH

Jeffrey Mfg Co The, Farmers Bank bldg...Grant 407

CONVEYING MACHINERY

ILLINOIS

AURORA

Stephens-Adamson Mfg Co, Ridgeway & C B & Q R R.....Aurora 310

CHICAGO

Corns Conveyor Belt Co, 53 W Jackson bl.Harrison 7270
Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200

MISSOURI

ST LOUIS

Alvey Manufacturing Co, 3201 S Broadway.Sidney 4655

OHIO

CINCINNATI

Alvey-Ferguson Co The, North av, Oakley..Ridge 2295

PENNSYLVANIA

ELLWOOD CITY

Mathews Gravity Carrier Co.....Ellwood City 201

PHILADELPHIA

Beaumont R H Co Inc, Drexel bldg.....Lombard 1310

CONVEYOR FRAMES, STEEL

PENNSYLVANIA

BETHLEHEM

Auerber Engineering Co The, 9th and Lehigh av.....Bell-Bethlehem 576
.....Keystone 76-J

CONVEYOR SCALES

NEW JERSEY

PASSAIC

Errick Scale Mfg Co, Erie R R & Autumn.Passaic 697

CONVEYORS

KENTUCKY

LOUISVILLE

Wire & Iron Works, Franklin & Buchanan .....Main 749

CONVEYORS, ASH

PENNSYLVANIA

PITTSBURGH

Jan George J Co, 307, 4th av Peoples Bank bldg .....Court 3057
See our Catalog Space, page 956

CONVEYORS, GRAVITY BALL BEARINGS

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

CONVEYORS, GRAVITY, MDSE., BRICK, LUMBER, PIG IRON

PENNSYLVANIA

ELLWOOD CITY

Mathews Gravity Carrier Co .....Ellwood City 201

CONVEYORS, GRAVITY, PACKAGE BELT POWER, ELEVATORS

ILLINOIS

CHICAGO

Chicago Conveyor Co, 615-17 Root.....Drover 596

CONVEYORS, GRAVITY, PACKAGE, BELT, POWER, LUMBER, ETC

MISSOURI

ST LOUIS

Alvey Manufacturing Co, 3201 S Broadway.Sidney 4655

CONVEYORS, MERCHANDISE PACKAGES & NEWS PAPERS

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

CONVEYORS—PNEUMATIC

MASSACHUSETTS

BOSTON

Allington & Curtis Mnfg Co The, 706, 2d .....So Boston 580
Banister A W Co (Kindling wood, grain, fertilizer, or other loose materials loaded to freight cars), 421 Dorchester av.....So Boston 696

MICHIGAN

SAGINAW

Allington & Curtis Mfg Co The, 400 Holden .....Saginaw 464

CONVEYORS, PORTABLE FOR SAND, COAL, CLAY SACKS

ILLINOIS

CHICAGO

Morehouse A H, 610 S Dearborn.....Harrison 401

CONVEYORS, SPIRAL

PENNSYLVANIA

ELLWOOD CITY

Mathews Gravity Carrier Co .....Ellwood City 201

COOKING UTENSILS, ALUMINUM AND ENAMELED WARE

ILLINOIS

CHICAGO

Great Northern Mfg Co, 215 W Randolph.Franklin 5436

COOLERS (WATER) INVERTED

NEW YORK

NEW YORK CITY

Cordley & Hayes (XXth Century), 7-9 Leonard .....Franklin 6015

COOLING TOWERS

NEW YORK

NEW YORK CITY

Hart B Franklin Jr & Co, 50 Church....Cortland 548

COOPERAGE

ILLINOIS

PEKIN

Pekin Cooperage Co, Washington and Chicago .....Main 542

KANSAS

KANSAS CITY

Hauber Cooperage Co, 17th & Osage av .....Bell-West 493
.....Home-West 1383

MICHIGAN

SAGINAW

Wylie & Wilson Inc, Eddy bldg.....Saginaw 116

NEW YORK

NEW YORK CITY

Melcher J R, 25 Beaver.....Broad 3153

NIAGARA FALLS

International Cooperage Co Inc, Erie av & 9th St.....Niagara Falls 1450

COOPERAGE (NEW & SECOND HAND) BARRELS OF ALL KINDS

NEW JERSEY

JERSEY CITY

O'Connor J J Co Inc, 17th & Erie....Montgomery 401

COOPERAGE AND COOPERAGE STOCK

MICHIGAN

DETROIT

National Manufacturing Co, Dime Bk bldg..Main 4788

NEW YORK

BUFFALO

Pennypacker Wm G Jr, Mutual Life bldg.Seneca 4238-W

COOPERAGE, PROVISION, PICKLE, CIDER, ETC.

MINNESOTA

ST PAUL

Northern Cooperage Co, Concord & Arthur av .....Bell-Robie 793
.....Tri State 22268

COOPERAGE, SLACK HEADING HOOPS, STAVES TIGHT HEADING

MISSOURI

ST LOUIS

Bolz Cooperage Corporation, Title Guaranty bldg .....Olive 1177

COOPERAGE STOCK FOR EXPORT—BARRELS & SHOOKS

NEW YORK

NEW YORK CITY

Melcher J R, 25 Beaver.....Broad 3153

COOPERAGE SUPPLIES AND MACHINERY

ILLINOIS

CHICAGO

Henning E Inc, 39 S LaSalle.....Randolph 5732

COOPERAGE, TIGHT

TENNESSEE

JACKSON

Harlan-Morris Mfg Co, N C & M & O Ry Junction .....Jackson 322

COOPERAGE—TIGHT BLS, CASKS & SHOOKS FOR EXPORT

NEW JERSEY

JERSEY CITY

Connor Michael & Sons, 17-35 Florence...Bergen 2923

COOPERS & COOPERAGE STOCK

GEORGIA

ATLANTA

Smith Harris, 246-248-250 Decatur.....Main 991-L

ILLINOIS

CHICAGO

Acme Barrel Co, 2235-2239 W Grand av...Seeley 3168
Burkhartsmeier Bros, 169-183 N Peoria..Monroe 608
Eiszner John Co, 1050 W Kinzie.....Monroe 733
Gerold Frank Co The, 453-59 N Green....Monroe 1062
Kirk Joseph H Co Inc, 3101 to 3123 Emerald av and 703 to 743 W 31st....Yards 1218
McCrdle & Co Inc, 38th pl and Gage st....Yards 764
Ritzwoller M H Co The, 2119 W 48th.....Yards 228

PENNSYLVANIA

PITTSBURGH

Bell Edwin Co The, Foot of S Seventeenth.Hemlock 156

COOPERS—DEALERS IN SECOND HAND TIGHT BARRELS

NEW YORK

NEW YORK CITY

American Cooperage Co Inc, 223-235 Russell, Bklyn .....Greenpt 2515

COOPERS TOOLS—FLAGGING IRONS, CHIME MAULS, ETC.

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av.....Superior 3674

COPPER

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

COPPER (ELECTROLYTIC)

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

COPPER (IN ROLLS & SHEET)

ILLINOIS

CHICAGO

Cleveland Brass & Copper Mills The Inc, Railway Exchange bldg.....Harrison 8840
Dallas A C & Son Inc, 223 N Jefferson..Franklin 5320

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress .....Main 7000
See our Catalog Space, page 1009

MICHIGAN

DETROIT

Cleveland Brass & Copper Mills The Inc, Dime Bank bldg.....Cherry 3695

OHIO

CLEVELAND

Cleveland Brass & Copper Mills The Inc, Guardian bldg .....Main 3644

DAYTON

Cleveland Brass & Copper Mills The Inc, Riebold bldg .....Main 296

COPPER (IN SHEETS AND COILS)

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp.Waterbury 3960

COPPER (SHEET, ROD, WIRE, TUBE & SOLDERING IRONS)

ILLINOIS

CHICAGO

Interstate Brass Co, 11-17 S Desplaines.Haymarket 1865

COPPER (SHEET, ROD, WIRE & TUBE)

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co S E cor Lombard and South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

MINNESOTA

MINNEAPOLIS

Irvine Sales Co, 1111-1118 S 5th Bell-Nicollet 6704
..... Tri State 34404

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

COPPER (SHEET, WIRE, INGOT AND SCRAP)

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson....Haymarket 7166

COPPER (SHEETS, RODS, TUBING, RIVETS, NAILS, ETC.)

MISSOURI

ST LOUIS

Heimbuecher Jno H Metals Co (Rome Quality) 514 N Third.....Bell-Main 1037 Kinloch-Central 2382

COPPER ALLOYS, BORONIC METALS

NEW YORK

NEW YORK CITY

LeBas Edward & Co (American Boron Products Co Inc), 64-68 Broad.....Broad 5389
See our Catalog Space, pages 912-913

PENNSYLVANIA

READING

American Boron Products Company Inc, Carpenter and Cherry.....Reading 2425
See our Catalog Space, pages 912-913

COPPER BEARING MATERIAL

ILLINOIS

CHICAGO

Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668

COPPER DEPOSIT PRODUCTS

NEW JERSEY

NEWARK

Deposited Metal Products Co, 65 Bridge...Market 2574

COPPER EXPANSION JOINTS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2150

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av....Vanderbilt 1719

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3656
See our Catalog Space, page 1021
Stender Coppersmith Co The, 2932 Smallman.Grant 6843

COPPER HOT WATER BOILERS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av..Vanderbilt 1719

COPPER KETTLES AND COILS

INDIANA

INDIANAPOLIS

Langsenkamp F H, 132 East Georgia Bell-Main 121
..... Automatic 21-221

COPPER LEAF BRUSHES FOR COLLECTOR RINGS, ETC. MFRS.

NEW YORK

NEW YORK CITY

Perfection Supply Co, 98 Park pl .....Barclay 9748

COPPER MINES

ALASKA

VALDEZ

Columbia Red Metal Mining Co Inc,
Seattle, Wash. .....Main 6271
See our Catalog Space, page 935

COPPER STEAM-JACKETED KETTLES

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av....Vanderbilt 1719

OHIO

BUCYRUS

Bucyrus Copper Kettle Works, Norton Way.Bucyrus 5531

COPPERSMITHS

ILLINOIS

CHICAGO

Atlas Copper & Brass Mfg Co, 2734-2738
High..... Lincoln 4017
Chicago Copper & Iron Works 1222
Belmont av. ..... Graceland 9283
Gage Bros Co, 321-323 W Austin av.....Main 1090

KENTUCKY

LOUISVILLE

Ehrs & Giegoire, 621-23 E Main Bell-Main 1088
..... Home-City 1088
Home Copper & Brass Works Inc, Bell-Main 2937
721-23 E Main .....Home-City 5937

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

MICHIGAN

DETROIT

Sommers & Sons Inc, 835 Superior.....Ridge 1876

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av....Vanderbilt 1719
Berry A Copper Works, 249 W Bway...Franklin 3885
Gerdes & Company Inc (Chemical and
Sugar Apparatus), 28 Church.....Cortland 7673
McNamara Thomas Co Inc, (Marine Work a
Specialty—All Kinds), 106-110 25th, Ft
of 25th, Brooklyn.....South 4732
Trageser John Steam Copper Works, 447-
457 W 26th .....Chelsea 8140

OHIO

CINCINNATI

American Copper & Brass Works The, 614
E Front.....Canal 3353

PENNSYLVANIA

PHILADELPHIA

Marquette Coppersmithing Co, 8 Christian.Lombard 1217

WASHINGTON

SEATTLE

Alaskan Copper Works (M Rosen, Prop) 1041
Railroad av So.....Elliott 2547

WISCONSIN

MILWAUKEE

Sommers & Sons Co Inc, 3038 Galena.....West 1796

COPPERSMITHS—GENERAL

ILLINOIS

CHICAGO

Trenkhorst Frank Mfg Co, 902 Larrabee.Superior 371

PENNSYLVANIA

PITTSBURGH

Stender Coppersmith Co The, 2932
Smallman. .....Grant 6843

COPPERSMITHS, HOTEL AND CREAMERY SUPPLIES

MINNESOTA

ST PAUL

Northwestern Copper & Brass Bell-Cedar 2681
Works, 59 W 3d .....Tri State 21120

COPPERSMITHS & MACHINE WORKS

ILLINOIS

CHICAGO

Holmberg Chas & Co, 1439 W Austin av..Monroe 3603

COPPERWELD-COPPERCLAD WIRE

ILLINOIS

CHICAGO

Page Steel & Wire Company, 129 S Jefferson
..... Franklin 4280

NEW YORK

NEW YORK CITY

Page Steel & Wire Company, 30 Church..Cortland 3541

PENNSYLVANIA

MONESSEN

Page Steel & Wire Company.....Grant 1694

PITTSBURGH

Page Steel & Wire Company, Union Arcade.Grant 4467

COPRA—IMPORTERS

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 145 Front .....John 434
See our Adv., page 1, opposite Inside Front Cover

COPYING MACHINES

ILLINOIS

CHICAGO

Dick A B Company, 730-744 W Jackson bl.Monroe 757

CORDAGE

ILLINOIS

CHICAGO

Curtis & Co Mfg Co, 215 N Desplaines...Monroe 3441
Schermerhorn Bros Co, 5 N Lasalle..... Main 4460

MASSACHUSETTS

BOSTON

Samson Cordage Works, 88 Broad.....Fort Hill 1608

MISSOURI

KANSAS CITY

Whitlock Cordage Co, Railway Exchange bldg.Main 9154

NEW YORK

NEW YORK CITY

Whitlock Cordage Co, 46 South.....Hanover 1030

CORDAGE MACHINERY AND ROPE EXPERTS

NEW YORK

NEW YORK CITY

Daily, C E, 96 Wall.....John 1565

CORDAGE, ROPE & OAKUM

NEW YORK

NEW YORK CITY

Central Rope Mfg Co Inc, 181-185 Scholes
Bklyn ..... Stagg 243

CORDAGE-ROPE (SISAL & MANILA)

NEW YORK

NEW YORK CITY

Disbrow Cordage Co, 149 Church.....Barclay 5868

CORDAGE AND ROPE

NEW YORK

NEW YORK CITY

New Bedford Cordage Co, 120 Broadway...Rector 9217
New York Cordage Co The, 123 Front....John 2215

CORDAGE, ROPE AND TWINE

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott &
Tyler & Sou Ry.....Main 1163

NEW YORK

NEW YORK CITY

Grady M J Co Inc, 110-112 Read.....Worth 4690
See our Catalog Space, page 1[illegible]
Kelley Henry C Company, 35 Worth.....Franklin 2700

CORDAGE AND TWINE

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells..Franklin 3344

OHIO

CINCINNATI

Diem & Wing Paper Co The, Gilbert av. Viaduct .....Canal 2163

CORDS

NEW YORK

NEW YORK CITY

Manheim A & Co, 19 W 18th .....Chelsea 3971

CORDS (SILK) BATH-ROBE, GIRDLES, TASSELS

NEW YORK

NEW YORK CITY

Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078

CORDS, FRINGES, TASSELS, GIMPS

NEW YORK

NEW YORK CITY

Maag Edward, 32-46 W 23rd.....Gramercy 5234

CORDS, FRINGES, TRIMMINGS, POMPONS & TASSELS

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283

CORDS, TASSELS, TRIMMINGS, ORNAMENTS AND POMPONS

NEW YORK

NEW YORK CITY

Hofmann & Ellrodt Inc, 16-18 W 22d..Gramercy 4323

CORDUROYS

NEW YORK

NEW YORK CITY

Nathan Weiner & Co Inc, 257, 4th av...Gramercy 3867

CORE COMPOUND

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

CORE OVENS

MICHIGAN

DETROIT

Detroit Fire Brick & Furnace Co, Peter Smith bldg .....Cherry 2758

CORES, PAPER

MASSACHUSETTS

LOWELL

Lowell Paper Tube Corporation, 42 Warren .....Lowell 3873-W

CORES, PAPER FOR WINDING

MISSOURI

ST LOUIS

St Louis Paper Can & Tube Co, 4400 N Union av .....Colfax 160

See our Catalog Space, page 928

CORK (COMPOSITION) BOARDS SHEETS, FLOORING, ETC.

NEW YORK

NEW YORK CITY

Silver Crown Disk Co, 1463 Broadway....Bryant 3299

CORK CIGARETTE TIPS & TIPPING MACHINES

NEW YORK

NEW YORK CITY

Boucher Cork & Machine Co, 216 W 18th.Chelsea 4671

CORK COMPOSITION SPECIALTIES

NEW JERSEY

NEWARK

Imperial Stopper Co, 48 Spring.....Branch Brook 1862

CORK DISCS FOR BOTTLE AND JAR CAPS

NEW YORK

NEW YORK CITY

Silver Crown Disk Co, 1463 Broadway....Bryant 3299

CORK GASKETS & CARBURETOR FLOATS

NEW YORK

NEW YORK CITY

Paddock Cork Co (We make all specialties made of cork), 1215 DeKalb av, Brooklyn..Bushwick 143

CORK INSULATION

ILLINOIS

CHICAGO

Union Insulating Co. 20 W Jackson bl. Harrison 1848

NEW YORK

NEW YORK CITY

Silver Crown Disk Co, 1463 Broadway...Bryant 3299

CORK INSULATION FOR COLD STORAGE

NEW YORK

NEW YORK CITY

Richmond & Daniels Inc, 90 West.....Rector 4681

CORK MANUFACTURERS

NEW YORK

NEW YORK CITY

Century Cork Co, 220-230 W 19th.....Chelsea 8550
Heyman Oscar & Co, 220-230 W 19th....Chelsea 8550

CORKS

ILLINOIS

CHICAGO

Chicago Cork Works Co, 630 S Wabash av Harrison 408

NEW JERSEY

JERSEY CITY

Mir, Codina & Marques, Montgomery, Cornelison av & Mercer.....Bergen 2199

NEW YORK

NEW YORK CITY

Independent Cork Co Inc 81-83 Sedgwick Bklyn .....Hamilton 1076
International Cork Co, 99 Sutton, Bklyn.Greenpoint 5511
Truslow & Fulle Inc, 42 Wilson, Bklyn .....Williamsburg 1083

CORKS AND CORK SPECIALTIES—SHEET CORK

NEW YORK

NEW YORK CITY

Silver Crown Disk Co, 1463 Broadway....Bryant 3299

CORN & CEREAL MILL MACHINERY FOR ALL PURPOSES

ILLINOIS

CHICAGO

Noth George J, 9 S Clinton.....Franklin 3949

CORN CLEANERS

ILLINOIS

DECATUR

Union Iron Works, Morgan & William.....Main 51

CORN CRIBS

OHIO

MANSFIELD

National Steel Products Co, May bldg .....Bell-Main 573-W Mansfield 602-R

CORN MEAL & FEED—MANUFACTURERS & JOBBERS

ILLINOIS

DIXON

Dixon Cereal & Feed Co, 119 Galena.....Dixon 156

CORN PRODUCTS

MARYLAND

BALTIMORE

Baltimore Pearl Hominy Co ("Betterkorn" Flour-Meal-Grits, "Spring Garden" Brand Animal Feeds) Howard & Ostend.South 910

CORN SHELLERS

ILLINOIS

DECATUR

Union Iron Works, Morgan and William.....Main 51

JOLIET

Joliet Manufacturing Co .....Joliet 31

CORN SYRUP, CORN OIL & STARCH

IOWA

KEOKUK

Hubinger J C Bros Co.....Keokuk 55

CORNER BEAD METAL

NEW YORK

NEW YORK CITY

Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

CORNICE MNFRS. SHEET METAL

TEXAS

SAN ANTONIO

ewett Cornice & Roofing Co, 602 Market.Crooket 1365

CORNICES—GALVANIZED IRON & COPPER

KENTUCKY

COVINGTON

rown R L, 2023 Pearl.....South 1083

CORNICES & SKYLIGHTS, MNFRS.

MISSOURI

NEVADA

rman W F Sheet Metal Mfg Co The, 226-246 N Cedar .....Nevada 552

CORNICES & SKYLIGHTS, WIRE

NEW YORK

NEW YORK CITY

erican Globe Wire Works, 429 E 15th.Stuyvsnt 2568

CORNSTARCH PACKERS—PURE FOOD

NEW YORK

NEW YORK CITY

ssa P & Co, ("Marca Maizal" From very best maize) 200-210 Van Brunt Bklyn .....Hamilton 1252

CORPORATE FINANCING

MASSACHUSETTS

BOSTON

oks P W & Co Inc, 95 Milk.....Main 7454

NEW YORK

NEW YORK CITY

oks P W & Co Inc, 115 Broadway...Rector 1432

PENNSYLVANIA

PHILADELPHIA

oks P W & Co Inc, N Stock Ex bl....Spruce 4340

CORPORATION & PARTNERSHIP INSURANCE

DELAWARE

WILMINGTON

Keen Walter G duPont bldg.....Wilmington 677
See our Catalog Space, page 936

CORPORATION RECORD BOOKS

ILLINOIS

CHICAGO

Goes Lithographing Co, 42 W 61st...Wentworth 452

CORPORATION SEALS & DATE STAMPS

NEW JERSEY

NEWARK

Universal Stamp Works (J H Van Court, Prop) 252 Market.....Mulberry 2441

CORRESPONDENCE SCHOOLS

NEW YORK

NEW YORK CITY

Prunera Studios of the Spanish Language (Conversation, Commercial Spanish taught by correspondence) 80 Wall..Hanover 6273

CORRUGATED FASTENERS, STEEL

ILLINOIS

CHICAGO

Acme Steel Goods Co, 2840 Archer av.....Yards 2400

NEW YORK

NEW YORK CITY

Acme Steel Goods Co, 305 Lafayette....Spring 989

CORRUGATED FIBRE BOXES

OHIO

SANDUSKY

Hinde & Dauch Paper Co The, 194 W Water .....Bell-Main 720, Ohio State 199

CORRUGATED FIBRE SHIPPING CASES

MICHIGAN

GRAND RAPIDS

American Corrugating Co, Market & Godfrey av .....Main 296

CORRUGATED FIBREBOARD SHIPPING BOXES

ILLINOIS

CHICAGO

Sefton Manufacturing Corporation, 1300 W 35th .....Yards 1403
See our Catalog Space, page 988

OHIO

COSHOCTON

Hunt-Crawford Co The, Orchard and 14th .....Bell-Main 108, Ohio State-A 340

CORRUGATED, GALVANIZED AND BLACK SHEET IRON

ILLINOIS

CHICAGO

Schmidt Samuel 158-160 N Desplaines.Haymarket 71

CHICAGO HEIGHTS

Maier John & Co, 5 Illinois.....Chicago Heights 235

CORRUGATED IRON, PAINTED, GALVANIZED & FLAT SHEETS

NEW JERSEY

JERSEY CITY

New York Iron Roofing & Corrugating Co (Roofing, Siding and Corrugated Curved Arches) 91, 1st.....Montgomery 3371

CORRUGATED PAPER

ILLINOIS

CHICAGO

Mid-West Box Co, 111 W Washington.....Main 4334
See our Catalog Space, page 926

INDIANA

ANDERSON

Mid-West Box Co .....Main 406
See our Catalog Space, page 926

KOKOMO

Mid-West Box Co.....Kokomo 398
See our Catalog Space, page 926

MICHIGAN

DETROIT

Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926

MISSOURI

ST LOUIS

Mid-West Box Co, Continental Bank bldg..Olive 1659
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

OHIO

CINCINNATI

Mid-West Box Co, Gwynne bldg .....Canal 1751
See our Catalog Space, page 926

CLEVELAND

Mid-West Box Co, 1133 E 152d.....Eddy 2780
See our Catalog Space, page 926

PENNSYLVANIA

PITTSBURGH

Mid-West Box Co, Park bldg.....Grant 1629
See our Catalog Space, page 926

CORRUGATED PAPER BOXES

NEW YORK

NEW YORK CITY

Grand Corrugated Paper Co Inc 30-36 Crosby Spring 1057
Herman Wm & Co Inc, 103 Wooster.....Spring 2978
Interstate Corrugated Box Co, 2026-2032 Pacific, Bklyn .....East N Y 5308

CORRUGATED PAPER CARTONS & PACKING MATERIALS

OHIO

SANDUSKY

Hinde & Dauch Paper Co The, 194 W Water .....Bell-Main 720, Ohio State 199

CORRUGATED PAPER IN ROLLS

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott and Tyler & Sou Ry.....Main 1163

CORRUGATED PAPER MACHINERY

NEW YORK

NEW YORK CITY

Potdevin Machine Co, 253, 36th, Bklyn...Sunset 5181

CORRUGATED PAPER PRODUCTS

NEW YORK

NEW YORK CITY

Agar Mfg Co Inc, 167, 41st Bklyn.....Sunset 3607

CORRUGATED PAPER SHIPPING BOXES

MISSOURI

ST LOUIS

Bulis J C Mfg Co, 1122 S 12th.....Main 2486

CORRUGATED SHIPPING CASES

ILLINOIS

CHICAGO

Mid-West Box Co, 111 W Washington.....Main 4334
See our Catalog Space, page 926

INDIANA

ANDERSON

Mid-West Box Co.....Main 406
See our Catalog Space, page 926

KOKOMO

Mid-West Box Co .....Kokomo 398
See our Catalog Space, page 926

MICHIGAN

DETROIT

Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926

MISSOURI

ST LOUIS

Mid-West Box Co, Continental Bank bldg...Olive 1629
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926
Schinzel Geo P & Son Inc 523-529, 8th av.Greeley 6926

OHIO

CINCINNATI

Mid-West Box Co, Gwynne bldg.....Canal 1751
See our Catalog Space, page 926

CLEVELAND

Mid-West Box Co, 1133 E 152d.....Eddy 2780
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PENNSYLVANIA

PITTSBURGH

Mid-West Box Co, Park bldg.....Grant 1629
See our Catalog Space, page 926

CORSET & BRASSIERE FABRICS

NEW YORK

NEW YORK CITY

Steinam A Company, 114-116 Bleecker...Spring 9111

CORSET-LACES, TAPES AND BRAIDS

NEW YORK

McGRAW

McGraw Manufacturing Co.....McGraw 15-M

CORSET LACINGS—SILK

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283

CORSET MANUFACTURERS

MASSACHUSETTS

WORCESTER

Ivy Corset Company, 40 Jackson.....Park 352

CORSET MANUFACTURERS AND DEALERS

NEW YORK

NEW YORK CITY

Treo Company Inc (Manufacturers Treo Elastic Girdles & Corsets), 160, 5th av.....Gramercy 158

CORSET MATERIALS

ILLINOIS

CHICAGO

Barton F C, Brooks bldg 223 W Jackson bl Wabash 2741

MASSACHUSETTS

BOSTON

Barton F C, 70 Kilby.....Fort Hill 647

NEW YORK

NEW YORK CITY

Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Corset lacings, braids, bindings, ribbons, edgings) 114, 5th av.Chelsea 8283
Gates Thos B M (Specializing, corset laces, goring elastic. Silk and cotton bindings, tapes, narrow ribbons) 315, 4th av cor 24th .....Gramercy 4629
Sanford Narrow Fabric Co (Cotton, Mercerized and Silk Woven Trimmings, in original and select designs) 351, 4th av .....Mad Sq 523

CORSET MATERIALS FOR EXPORT

NEW YORK

NEW YORK CITY

Levy A A Co Inc (Everything necessary for manufacturing Corsets, Garters) 43 East 19th .....Gramroy 2344

CORSET TRIMMINGS

CONNECTICUT

DERBY

Kelly F Co The, Housatonic av nr Park....Derby 179

COST FINDING SYSTEMS

ILLINOIS

CHICAGO

Teeter & Niquette, 30 N Lasalle.....Franklin 4344
Thompson Wm W & Co, 30 N Lasalle..Franklin 1013

COSTUMERS

ILLINOIS

CHICAGO

Chicago Costume Works, 143 N Dearborn.Central 6292
See our Catalog Space, page 936
New York Costume Co, (Designers-Manufacturers and Renters) 137 N Wabash av .....Central 1801
Schoultz Fritz & Co, 58 W Lake.....Majestic 7733

NEW YORK

NEW YORK CITY

Eaves Costume Co, 110 W 46th.....Bryant 7212
Reichardt Costume Co, 74 St Marks pl...Orchard 3135
Simowitch Max, 761 Sixth av.....Bryant 6165
Tams Costume Co (Costumers to the discriminating Theatrical and Masquerade Costumes for every occasion to hire or made to order), 1600 Broadway .....Bryant 7590

OHIO

CINCINNATI

Beck Wm & Sons Co, The, 1115 Vine.....Canal 2264
Szwirschina F, 1110 Vine .....Canal 4448

PENNSYLVANIA

PHILADELPHIA

VanHorn & Son (Costumes for Plays, Operas, Pageants, Photoplays, shipped on rental basis anywhere in U S. Largest, oldest firm established in 1852), 921 Walnut....Walnut 4112

COSTUMERS, THEATRICAL

NEW YORK

NEW YORK CITY

Wustl Carl A (Features, Cleanliness, Characteristics, fine costumes, promptness), 40 Union sq.....Stuyvesant 1623

COT BED, CAMP & LAWN FURNITURE MNFRS.

NEW YORK

NEW YORK CITY

Telescope Cot Bed Co The, 535 E 79th....Lenox 7500

COTTAGE CHEESE CONTAINERS

NEW JERSEY

NEWARK

Mono-Service Company Verona av and Oraton st .....Branch Brook 4300
See our Catalog Space, page 935
Moore Saml W & Sons Inc, 24 Scott.....Market 278

COTTAGE CHEESE TUBS

OHIO

CLEVELAND

Jennings Sanitary Milk Bottle Co The, 5115 Tillman av.....Edgewater 1025

COTTER MANUFACTURERS, SPRING & CELLAR BOX

OHIO

AKRON

Ohio Wire Goods Mfg Co The (The Efficiency), 1071 Bank .....Bell-Main 3339
Ohio State 4425

COTTON

RHODE ISLAND

PROVIDENCE

Deming H B & Co, 20 South Water.....Union 5910
Hazard Cotton Co, 26 N Main.....Union 7530

COTTON (BROKERS & MERCHANTS)

NEW YORK

NEW YORK CITY

Shearson Hammill & Co, 71 Broadway ..... Bowling Green 9920

SOUTH CAROLINA

GREENVILLE

Cooper & Griffin Inc ..... Greenville 57

COTTON (SHIPPERS)

MISSOURI

ST LOUIS

Tiffany G S & Co, 106 S First ..... Olive 2891

COTTON ABSORBENT

SOUTH CAROLINA

COLUMBIA

Southern Aseptic Laboratories ..... Columbia 1655

COTTON BAGS, NEW AND USED

ILLINOIS

CHICAGO

Jerome Trading Co 1851 S State ..... Calumet 1152

COTTON BATT MNFRS FOR MATTRESSES & ALL PURPOSES

OHIO

HAMILTON

Hamilton Mattress Co The, 6th and Bell-Hamilton 40
Rigdon ..... Ohio State 650-B

COTTON BATTING, WADDING, UPHOLSTERING COTTON

NEW YORK

LITTLE FALLS

Little Falls Fibre Co, 530 E Mill ..... Little Falls 229

COTTON BELTING

NEW JERSEY

BAYONNE

Bryea Manufacturing Co, Ave C and 2d. Bayonne 1800
See our Catalog Space, page 923

COTTON DUCK

GEORGIA

ATLANTA

Such Brothers Mfg Co ..... East Point 483

MARYLAND

BALTIMORE

Cooper Wm E & Sons Co, 3502 Parkdale av ..... Madison 570

MASSACHUSETTS

BOSTON

American Awning & Tent Co, 236 State. Richmond 1575

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co, Park and Dolman, Dept D ..... Sidney 3700

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane ..... Worth 4770

COTTON DUCK & AWNING STRIPES

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells. Franklin 3344

COTTON DUCK & CANVAS SPECIALTIES FOR EVERY PURPOSE

NEW YORK

NEW YORK CITY

Stanley W W, 50 Church ..... Cortland 5119

COTTON DYES

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church ..... Cortland 1489

COTTON FABRICS

ILLINOIS

CHICAGO

Schermerhorn Bros Co, 5 N Lasalle ..... Main 4460

NEW YORK

NEW YORK CITY

Arnstaedt & Company, 104 E 25th ..... Mad Sq 4873
Steinam A Company, 114-116 Bleecker ... Spring 9111

COTTON FABRICS—CONVERTERS AND DISTRIBUTORS

SOUTH CAROLINA

GREENVILLE

Hudson & Kohn Co, Greenville ..... Greenville 509

COTTON FACTORS

MISSOURI

ST LOUIS

Hill Napoleon Cotton Co, 116 S Main ..... Main 1625

SOUTH CAROLINA

CHARLESTON

Porter-Snowden Co, 90 E Bay ..... Charleston 2051

COTTON FELT & JUTE BATTS

NEW YORK

NEW YORK CITY

New York Fibre Co, 555 Park av, Bklyn. Wmsburg 4019

COTTON GOODS

NEW YORK

NEW YORK CITY

Emery Christopher Co, 149 Broadway .... Cortland 1942

COTTON GOODS & BEDDING SUPPLIES

NEW YORK

NEW YORK CITY

Hausman H & Co, 343 Canal ..... Canal 3793

COTTON GOODS—COMMISSION MERCHANTS

CALIFORNIA

SAN FRANCISCO

Cassard, Miron S & Co (Edw Gwyn Lewis), 693 Mission ..... Douglas 1162

GEORGIA

ATLANTA

Cassard Miron S & Co (W T Gayle), Thre National Bank bldg ..... Ivy 6151

ILLINOIS

CHICAGO

Cassard Miron S & Co (Daniel Levy), 257 S Wells ..... Wabash 725

LOUISIANA

NEW ORLEANS

Cassard Miron S & Co (Albert Mayer), 135 Chartres ..... Main 3348

MARYLAND

BALTIMORE

Cassard Miron S & Co (Percy E Cassard), 205 W Lombard ..... St Paul 3845

MASSACHUSETTS

BOSTON

Cassard Miron S & Co (W K Mitchell), 31 Bedford ..... Beach 2808

MINNESOTA

ST PAUL

Cassard Miron S & Co (Wm C Motter), Endicott bldg ..... Cedar 3665

MISSOURI

KANSAS CITY

Cassard Miron S & Co (J C Motter), New England Life bldg ..... Home-Main 6706

ST LOUIS

Cassard Miron S & Co (Eugene W Lewis), Holland bldg ..... Cabany 3924

NEW YORK

NEW YORK CITY

Cassard Miron S & Co (Ross C Bayne), 72 Leonard ..... Franklin 3712

PENNSYLVANIA

PHILADELPHIA

Cassard Miron S & Co (Jos Charlestein), 1030 S 10th ..... Main 5588-D

COTTON GOODS FINISHERS

RHODE ISLAND

PAWTUCKET

Acme Finishing Co 185 Front ..... Pawtucket 1922

COTTON GOODS FOR EXPORT

NEW YORK

NEW YORK CITY

Pottberg, Ebeling & Co Inc, 242-250, 4th av ..... Gramercy 3983

COTTON GOODS JOBBER

NEW YORK

NEW YORK CITY

Simon Bros, 349 Canal.....Canal 3818

COTTON GOODS MANUFACTURERS—DEALERS & BROKERS

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

COTTON GOODS AND TICKING ETC.

NEW YORK

NEW YORK CITY

Mitchell P R Co The 5th av and 15th..Stuyvesnt 348

COTTON—LINTERS

SOUTH CAROLINA

COLUMBIA

Columbia Waste & Warehouse Co, Gervais and Pulaski.....Columbia 240

COTTON MACHINERY

MASSACHUSETTS

BOSTON

Woonsocket Machine & Press Co, 100 Summer .....Fort Hill 6220

COTTON MILL WASTE

SOUTH CAROLINA

GREENVILLE

Goodyear Chester M, Hammond, Main and River ..... Greenville 1186

COTTON SEED MEAL

GEORGIA

ATLANTA

Treadwell A P & Co, Healey bldg.....Ivy 7580

NEW YORK

NEW YORK CITY

Union Seed & Fertilizer Co, 65 Broadway Rector 1910

COTTON SEED MEAL & HULLS

GEORGIA

ATLANTA

Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance

COTTON SEED OIL

NEW YORK

NEW YORK CITY

American Cotton Oil Co The, 65 Broadway Rector 1910

COTTON SEED PRODUCTS

GEORGIA

ATLANTA

Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance

TEXAS

HOUSTON

Graves M M Co Inc, Houston Land & Trust Co bldg.....Preston 815

COTTON THREAD

MASSACHUSETTS

SPRINGFIELD

Bay State Thread Works (Stock in New York, Chicago, St Louis, Boston), 1-15 Mill .....River 2760

RHODE ISLAND

PAWTUCKET

Blodgett & Orswell Co 200 Front.....Pawtucket 76

COTTON TWINE

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

COTTON TWINE—WRAPPING

NEW YORK

NEW YORK CITY

Kelley Henry C Company (Economy Quality) 35 Worth.....Franklin 2700

COTTON WASTE

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540
Egan Waste Company, 19 Burling slip.....John 3465
Ellice John Co The 189 Washington.....Cortland 3463

WISCONSIN

MILWAUKEE

Seeboth Albert G Co, 230 Mineral.....Hanover 532

COTTON WASTE & CHEESE CLOTH

NEW JERSEY

NEWARK

Tyndall Frank, 40 Clinton.....Mulberry 1342

COTTON WASTE—CHEESE CLOTH—NEW MILL WIPERS

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

COTTON WASTE, CHEESE CLOTH REMNANTS & WIPING CLOTHS

OHIO

CLEVELAND

Weiskopf J & Sons, 1575-85 Merwin av NW .....Bell-Main 2869 Ohio State-Central 3990

COTTON WASTE, WIPING

MASSACHUSETTS

SPRINGFIELD

Springfield Waste Co, 109 Mill.....Walnut 350

COTTON WEBBING

GEORGIA

ATLANTA

Couch Brothers Mfg Co .....East Point 483

COTTON & WOOLEN WASTE

NEW YORK

NEW YORK CITY

Kaiser Chas A Inc (Wholesale Dealers in Sweater Mill Clips) 463-465 Keap, Bklyn .....Stagg 3857

PENNSYLVANIA

PHILADELPHIA

Devlin Charles & Sons, Inc (Waste of any known description) 3219 Kensington av .....Bell-Kensington 3212 Keystone-East 216
Hagy J Milton Waste Wks The, 836 Swanson .....Bell-Lombard 677 Keystone-Main 1448

COTTON YARN

CONNECTICUT

NEW HAVEN

New England Warp Co The, 143 River....Liberty 1971

RHODE ISLAND

PROVIDENCE

Johnson & Walker, 17 Exchange.....Union 4455

COTTON YARNS—CABLE & HAWSER TWINES

RHODE ISLAND

PAWTUCKET

Dexter Yarn Co, 48 Broadway.....Pawtucket 176

COTTON YARNS AND TWINE

RHODE ISLAND

PAWTUCKET

Greene & Daniels Co Inc, 32 Central av.Pawtucket 7[illegible]

COUGH DROPS

FLORIDA

JACKSONVILLE

Smith E J Co The (Mentopine), Bay and Main .....Jacksonville 117

COUNTER BRACKETS—PLATE GLASS PROTECTN FOR STORES

ILLINOIS

CHICAGO

Woodworkers' Hardware Mfg Co, 1638 Clybourn av .....Diversey 2473

COUNTER PROTECTION BRACKETS

ILLINOIS

CHICAGO

Store Equipment Co, 1338 W Randolph...Monroe [illegible]
See our Catalog Space, page 1008

COUNTER PROTECTORS, PLATE GLASS FOR RESTAURANTS ETC.

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, 16th and Sherman dr ..... Woodruff 272

COUNTER SHAFTS

ILLINOIS

CHICAGO

Cartridge E O, 2039-2049 W Lake..... West 2039

COUNTER SHAFTS (SMALL)

ILLINOIS

CHICAGO

Kirkle Machine Works, 128 S Clinton.... Franklin 4570

COUNTERS FOR RESTAURANTS, CAFETERIAS & SODA FOUNTAINS

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, 16th and Sherman dr ..... Woodruff 272

COUNTING MACHINES

ILLINOIS

CHICAGO

Addington F B Co 112-114 S Sangamon. Haymarket 681

MICHIGAN

BATTLE CREEK

Hart R A Mfg Co, 19 Wilson ct.... Battle Creek 3140-J

NEW YORK

NEW YORK CITY

Hebrow & Hearne Mfg Co, 12 Wooster.... Canal 8669
See our Catalog Space, page 1006

COUNTING SCALES

ILLINOIS

CHICAGO

National Scale Co, Kimball Hall..... Harrison 3779

MASSACHUSETTS

CHICOPEE FALLS

National Scale Co..... Chicopee Falls 744

NEW YORK

NEW YORK CITY

National Scale Co, 30 Church..... Cortland 1501

OHIO

CLEVELAND

National Scale Co, Erie bldg..... Prospect 3434

PENNSYLVANIA

PHILADELPHIA

National Scale Co, Pennsylvania bldg.... Spruce 973

COUPLINGS, BALL BEARING UNIVERSAL

MICHIGAN

DETROIT

Universal Products Co The, Woodbridge and Beaubien ..... Cadillac 2847
See our Catalog Space, page 961

COUPLINGS, FLEXIBLE SHAFT

PENNSYLVANIA

PHILADELPHIA

Bond Charles Company, 520 Arch..... Market 3249

COUPLINGS—HOSE, AIR, STEAM AND GAS

OHIO

SALEM

Clark W J Co The, 190 Depot..... Salem 352

COUPLINGS, SHAFT

PENNSYLVANIA

MANHEIM

Bond Foundry & Machine Company, Manheim ..... Manheim 41-A1

COUPON BOOKS

ILLINOIS

CHICAGO

Rand McNally & Co, 538 S Clark..... Wabash 363
See our Catalog Space, page 998

NEW YORK

NEW YORK CITY

Rand McNally & Co, 42 E 22d..... Gramercy 3130
See our Catalog Space, page 998

COUPON BOOKS FOR ALL PURPOSES

MINNESOTA

ST PAUL

National Checking Company, 269-271 Chestnut ..... Bell-Cedar 3495 Tri State 24453

COUPON BOOKS, MNFRS, OF EVERY DESCRIPTION

ALABAMA

BIRMINGHAM

Southern Coupon Company, 1813-19 Ave D.. Main 4231

INDIANA

INDIANAPOLIS

Allison Coupon Co, 536 East Market..... Main 1299

COURT REPORTERS

ILLINOIS

CHICAGO

Devlin & Roberts, Conway bldg..... Randolph 4846
Gurtler Frederick H 69 W Washington.... Central 1638
Walsh Edward J, Conway bldg..... Franklin 2188

COURT REPORTERS' DEPOSITIONS

ILLINOIS

CHICAGO

Rankin Alice M, First Nat Bk bldg..... Central 5908

COVERS, WAGON

MASSACHUSETTS

BOSTON

Nickerson L, 173 State..... Richmond 986

MISSOURI

ST LOUIS

Zettlosen Manufacturing Co, Park and Delmar, Dept D ..... Sidney 3700

COVERS, WATERPROOF

MASSACHUSETTS

BOSTON

Hoyt George T Co, 52 South Market... Richmond 1615

CRACKER BAKERS

NEW JERSEY

TRENTON

Original Trenton Cracker Co, 15-17 S Stockton ..... Trenton 2464

CRANES

CALIFORNIA

SAN FRANCISCO

Brown Hoisting Machinery Co The, (H D Wright) Monadnock bldg..... Sutter 411
Northern Engineering Works (Woods, Huddart & Gunn) 444 Market S..... Sutter 2720

ILLINOIS

CHICAGO

Brown Hoisting Machinery Co The, (J P Case) 208 S Lasalle ..... Wabash 5963
Euclid Crane & Hoist Co The (A Ryder Dyer, Agt), McCormick bldg..... Harrison 6545
Northern Engineering Works (Abell-Howe Co) 565 W Washington bl..... Main 1105
Whiting Foundry Equipment Co, Harvey Pullman 330
Ill P O ..... Harvey 2

MARYLAND

BALTIMORE

Chesapeake Iron Works, P O Box 1123.... South 945
Northern Engineering Works (Richard Morton) Equitable bldg ..... St Paul 2583

MASSACHUSETTS

BOSTON

Northern Engineering Works (Daniel Hurley & Co) 201 Devonshire..... Main 845

MICHIGAN

DETROIT

Northern Engineering Works, 2 Chene..... East 3280

SAGINAW

Euclid Crane & Hoist Co The (A E Kendall, Agt) Bearinger bldg. Bell-Saginaw 121 Automatic-Valley 76

NEW YORK

BUFFALO

Northern Engineering Works (Homer Strong) Ellicott Square ..... Seneca 5249

NEW YORK CITY

Brown Hoisting Machinery Co The, (Richard Devens) 50 Church..... Cortland 3798
Hoisting Machinery Co, 50 Church.... Cortland 1992
Northern Engineering Works, (R A Byrns) 120 Liberty ..... Rector 88

OHIO

CLEVELAND

Brown Hoisting Machinery Co The, 4403 St Clair av..... Prospect 1640
Northern Engineering Works (J G Bricker) Marshall bldg ..... Main 469

EUCLID

Euclid Crane & Hoist Co The Bell-Nottingham 51
..... Ohio State-Wood 637R

OREGON

PORTLAND

Colby Engineering Co The, 70 First..... Main 6416

CRANES—CONTINUED

PENNSYLVANIA

PHILADELPHIA

Box Alfred & Co, Front and Poplar ..... Bell-Market 681
..... Keystone-Park 339

PITTSBURGH

Brown Hoisting Machinery Co The, (H C Torrance) Oliver bldg ..... Grant 2694
Factory Product Co The, Oliver bldg ..... Grant 2355
Northern Engineering Works (E E Brosius) Benedum Trees bldg ..... Court 4309

CRANES (ELECTRIC)

ALABAMA

BIRMINGHAM

Shepard Electric Crane & Hoist Co, Brown Mard bldg ..... Main 108
See our Catalog Space, pages 937, 959

CALIFORNIA

SAN FRANCISCO

Shepard Electric Crane & Hoist Co, 16 California ..... Douglas 293
See our Catalog Space, pages 937, 959

CANADA

MONTREAL, QUEBEC

Shepard Electric Crane & Hoist Co, 95 McGill ..... Main 1474
See our Catalog Space, pages 937, 959

ILLINOIS

CHICAGO

Shepard Electric Crane & Hoist Co, Peoples Gas bldg ..... Harrison 4805
See our Catalog Space, pages 937, 959

MARYLAND

BALTIMORE

Shepard Electric Crane & Hoist Co (Maryland Equipment & Supply Co, Agts), Equitable bldg ..... St Paul 2518
See our Catalog Space, pages 937, 959

MASSACHUSETTS

BOSTON

Shepard Electric Crane & Hoist Co, 70 Pearl ..... Main 4120
See our Catalog Space, pages 937, 959

NEW YORK

MONTOUR FALLS

Shepard Electric Crane & Hoist Co, ofc & wks ..... Montour Falls 47
See our Catalog Space, pages 937, 959

NEW YORK CITY

Shepard Electric Crane & Hoist Co, 30 Church ..... Cortland 2565
See our Catalog Space, pages 937, 959

PENNSYLVANIA

PHILADELPHIA

Shepard Electric Crane & Hoist Co, Bulletin bldg ..... Walnut 4659
See our Catalog Space, pages 937, 959

PITTSBURGH

Shepard Electric Crane & Hoist Co, Union Arcade bldg ..... Grant 5641
See our Catalog Space, pages 937, 959

CRANES (ELECTRIC) MNFRS.

OHIO

ALLIANCE

Morgan Engineering Co The, Bway and C & P R R ..... Bell-Alliance 500
..... Ohio State 2214

CRANES—ELECTRIC, TRAVELING, FOR ALL PURPOSES

INDIANA

BEDFORD

Bedford Foundry & Machine Co, Fifth ..... Bedford 254

CRANES & HOISTS MNFRS.

ILLINOIS

CHICAGO

Wright David A 568 W Washington bl ..... Franklin 5899

WISCONSIN

MILWAUKEE

Pawling & Harnischfeger Co, 38th and National avs ..... Orchard 3055

CRANES—LOCOMOTIVE, PORTABLE, TRAVELING & TRACTION

OHIO

RAVENNA

Byers John F Machine Co, 283 Sycamore ..... Ravenna 261

CRANES, NEW AND USED

ILLINOIS

CHICAGO

Dyar Hugh W, 140 S Dearborn ..... Central 3066

CRANES, OVERHEAD, HAND POWER, ALL TYPES

ILLINOIS

CHICAGO

Chisholm-Moore Mfg Co The, Peoples Gas bldg ..... Harrison 5506

NEW YORK

NEW YORK CITY

Chisholm-Moore Mfg Co The, 30 Church ..... Cortland 4545

OHIO

CLEVELAND

Chisholm-Moore Mfg Co The, 5046 Lakeside av ..... Rosedale 2926

PENNSYLVANIA

PITTSBURGH

Chisholm-Moore Mfg Co The, H W Oliver bldg ..... Grant 1780

CRANES PORTABLE FLOOR MNFRS.

OHIO

CANTON

Canton Foundry & Machine Co Inc The, 3d S E and Savannah av ..... Bell-Main 222
..... Ohio State 222

CRANES—STEAM SHOVELS, NEW AND SECOND HAND

PENNSYLVANIA

PITTSBURGH

American Railway Equipment Co, Diamond Bank bldg ..... Court 2637

CRANES, TRAVELING, HAND & ELECTRIC

MINNESOTA

ST CLOUD

Granite City Iron Works Co, 19, 4th av N ..... Bell-St Cloud 478
..... Tri State 4

CRANES, TRAVELING & JIB

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av ..... Cabany 6180

NEW YORK

NEW YORK CITY

Curtis Pneumatic Machinery Co, Hudson Terminal bldg ..... Cortland 2818

CRATE OPENERS & FRUIT HANDLERS TOOLS

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av ..... Superior 3674

CRATE OPENERS, FRUIT TOOLS, BBL HATCHETS, SCRAPERS

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av ..... Superior 3674

CRAYON, METAL WORKERS

OHIO

EAST LIVERPOOL

National Products Co ..... East Liverpool 540

CRAYONS, MFRS. MARKING, CHECKING AND BOWLING

ILLINOIS

CHICAGO

United States Crayon Co (Not Inc), 2249 Lincoln av ..... Lincoln 1298

CRAYONS, METAL WORKERS

NEW YORK

NEW YORK CITY

Chrystal Chas B, 15 Cliff ..... Beekman 1060

CRAYONS, SCHOOL CHALK, MILL MARKING & CHECKING

NEW YORK

NEW YORK CITY

Binney & Smith Co, 81 Fulton ..... Beekman 402

OHIO

SANDUSKY

American Crayon Co, Hayes av and N Y C Ry ..... Bell-Main 50
..... Ohio State

CRAYONS (WAX, SCHOOL & COMMERCIAL) & PAINT SETS

NEW YORK

NEW YORK CITY

Star Crayon Manufacturing Co Inc, 224 Centre ..... Canal 83

CREAM MEDICINAL MNFRS.

INDIANA

TERRE HAUTE

Bear Manufacturing Co (Jack Frost) 16th and Van R R.....Citizens 869

CREAM SEPARATORS

ILLINOIS

CHICAGO

Albaugh-Dover Co, 2100 Marshall bl...Rockwell 6800

CREAM SEPARATORS—MILKING MACHINES

NEW JERSEY

BLOOMFIELD

Empire Cream Separating Co, Nelson st.Bloomfield 1274

CREAMERY APPARATUS

ILLINOIS

CHICAGO

Barber A H Creamery Supply Co, 306 W Austin av .....Franklin 554

CREDIT COUNSELORS

ILLINOIS

CHICAGO

Bennett Horace C, 106 N LaSalle.....Main 1206

CREDIT REPORTING

MICHIGAN

DETROIT

Bureau of Credits, Majestic bldg.....Main 5641

CREDIT SERVICE SPECIALISTS

MICHIGAN

DETROIT

Lephart C E, Dime Bank bldg.....Cadillac 3464
See our Catalog Space, page 937

CREMATION

NEW YORK

NEW YORK CITY

Copper J M, (Willis E Stafford & Son) 120-122 Livingston Bklyn.....Main 180

CREOSOTE OILS

ILLINOIS

CHICAGO

American Tar Products Company 208 S LaSalle .....Wabash 6396

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

CREOSOTE WOOD PRESERVING OIL

TENNESSEE

MEMPHIS

Forest Products Chemical Co "Crewood", I C and Speed av.....Hemlock 227

CREOSOTE SHINGLE STAIN OIL (WOOD)

TENNESSEE

MEMPHIS

Forest Products Chemical Co, I C and Speed av .....Hemlock 227

CREOSOTED MATERIAL & CREOSOTE OIL

LOUISIANA

NEW ORLEANS

American Creosote Works Inc, Station B.Walnut 36

CREOSOTING

ILLINOIS

CHICAGO

Central Creosoting Co 111 W Washington...Main 1824

CREOSOTING CYLINDERS AND TANKS

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush .....Bell-Alliance 31 Ohio State 3268

CREOSOTING & WOOD BLOCK FACTORY FLOORS

OHIO

TOLEDO

Jennison-Wright Co The, 2463 Broadway .....Bell-Broadway 721 Ohio State-Walbridge 154

CREPE PAPER NAPKINS

GEORGIA

ATLANTA

National Paper Co Simpson, Elliott & Tyler & Sou Ry.....Main 1163

NEW YORK

NEW YORK CITY

Elish M M & Co Inc, 29 Beekman.....Beekman 29

CREPE PAPER NAPKINS, MNFRS. OF FOLDED NAPKINS

WASHINGTON

SEATTLE

Union Paper Napkin Co, 608 Stewart....Elliott 643

CROCKERY, TEA POTS, ART GOODS, MOTTO WARE

NEW YORK

NEW YORK CITY

Slimmon Robert & Co, 96 Church .....Barclay 6040

CROW BARS & WEDGES

OHIO

WARREN

Warren Tool & Forge Co The, P O Box 410.Warren 1162

CROWN BLOCKS

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st, Spring to Commerce .....Bell-Shreveport 851 Home 679

CROWN CORKS

DELAWARE

WILMINGTON

Bond Manufacturing Corpn, 501 Monroe .....Bell-Wilmington 1157 Automatic 1627

NEW YORK

NEW YORK CITY

Brooklyn Bottle Stopper Co, 99 Sutton Brooklyn .....Greenpoint 5511
Frankel Max Co, 266 Pearl.....Beekman 4199

CROWNS

ILLINOIS

CHICAGO

Improved Crown & Seal Co Inc, 1738-1750 N Tripp av .....Belmont 5179

CRUCIBLES—IMPORTED GRAPHITE

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56Wall..Hanover 4260

CRUCIBLES—PLUMBAGO

NEW JERSEY

TRENTON

Bartley Jonathan Crucible Co, 67 Oxford.Trenton 2484

CRUDE RUBBER

NEW YORK

NEW YORK CITY

Obalski & Sweeney Inc, 24 Stone.....Broad 1898

CRUSHERS (STONE)

ILLINOIS

CHICAGO

Shaw Willis, 80 E Jackson bl.....Harrison 22

CRUSHING MACHINERY, ELEVATORS, SCREENS

NEW YORK

NEW YORK CITY

Kennedy Van Saun Mfg & Eng Corp 120 Broadway ..... Rector 3855

CRUSHING AND PULVERIZING MACHINERY

ALABAMA

BIRMINGHAM

Jeffrey Mfg Co The, Brown Marx bldg.....Main 4945

CANADA

MONTREAL, QUEBEC

Jeffrey Mfg Co The, 83 Craig W.....Main 1523

CRUSHING AND PULVERIZING MACHINERY—CONTINUED

COLORADO

DENVER

Jeffrey Mfg Co The, First National Bank bldg ..... Main 388

ILLINOIS

CHICAGO

Jeffrey Mfg Co, 332 S Michigan av ..... Harrison 8008
Stroud E H & Co, 928-934 Fullerton av ... Diversey 4517

IOWA

CEDAR RAPIDS

Universal Crusher Company, 199 N Third ..... Cedar Rapids 2198

MISSOURI

ST LOUIS

Jeffrey Mfg Co The, Railway Exchange bldg ..... Olive 2349

NEW YORK

NEW YORK CITY

Jeffrey Mfg Co The, 50 Dey ..... Cortland 5416

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 N Fourth ..... North 2360

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Crusher Co, 21 S 12th ..... Filbert 2714

PITTSBURGH

Jeffrey Mfg Co The, Farmers Bank bldg ... Grant 407

CRUTCHES

NEW YORK

NEW YORK CITY

Ditman A J, 2 Barclay ..... Barclay 7045

CRYSTAL CEILINGS

NEW YORK

NEW YORK CITY

Keppler Glass Constructions, Inc, 101 Park av ..... Murray Hill 7156

CRYSTALLIZERS

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church . Cortland 6424

CRYSTALLIZERS, SUGAR (OPEN, CLOSED OR SEMI-CLOSED)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove ..... Main 694

CULLET—JOBBERS AND BROKERS

ILLINOIS

CHICAGO

Levy Max & Co, 845-865 Rees ..... Diversey 2106

CULVERTS

PENNSYLVANIA

WARREN

Pennsylvania Metal Culvert Co, 11 Irwin . . Warren 225

CULVERTS: CAST IRON

ALABAMA

BIRMINGHAM

United States Cast Iron Pipe & Foundry Co, 1st av & 20th ..... Main 3738

CALIFORNIA

SAN FRANCISCO

United States Cast Iron Pipe & Foundry Co, 3d & Market ..... Kearny 562

ILLINOIS

CHICAGO

United States Cast Iron Pipe & Foundry Co, 122 S Mich blvd ..... Harrison 6863

MASSACHUSETTS

BOSTON

Donaldson Iron Co (Chas F Glavin), 24 Milk . Main 1795

MISSOURI

ST LOUIS

United States Cast Iron Pipe & Foundry Co, 319 N 4th ..... Olive 549

NEW YORK

BUFFALO

United States Cast Iron Pipe & Foundry Co, 957 E Ferry ..... Oxford 239

NEW YORK CITY

Donaldson Iron Co (John Fox & Co) 253 Broadway ..... Barclay 6215
United States Cast Iron Pipe & Foundry Co, 71 Broadway ..... Rector 655

OHIO

CLEVELAND

United States Cast Iron Pipe & Foundry Co, 1150 E 26th ..... Prospect 761

PENNSYLVANIA

EMAUS

Donaldson Iron Co, Emaus ..... Emaus 23B

PHILADELPHIA

United States Cast Iron Pipe & Foundry Co, 1421 Chestnut ..... Spruce 1000
Wood R D Co, 400 Chestnut ..... Lombard 1020

PITTSBURGH

United States Cast Iron Pipe & Foundry Co, 6th & Smithfield ..... Grant 767

CUPALO BLOCKS

PENNSYLVANIA

PITTSBURGH

West Virginia Fire Clay Mfg Co, Diamond Natl Bank bldg ..... Court 620

CUPRO NICKEL

CONNECTICUT

SEYMOUR

Seymour Mfg Co The (Ingots, Sheets, Wire, Rods, Shells & Blanks), Cable Address "Seymourco" 87 Franklin ..... Seymour 115

CUPS, WATERPROOFED PAPER

NEW JERSEY

NEWARK

Mono-Service Company Verona av and Oraton st ..... Branch Brook 4300
See our Catalog Space, page 935

CURB GUARDS

PENNSYLVANIA

PHILADELPHIA

Clip Bar Mfg Co, 26th & Pennsylvania av ..... Bell-Poplar 4635 Keystone-Race 1514

CURLED HAIR

ILLINOIS

CHICAGO

Chicago Curled Hair Co, 2301-33 S. Paulina ..... Canal 5800

CURTAIN ROD MNFRS.

ILLINOIS

CHICAGO

Boye James H Mfg Co, 412-420 Orleans . . Franklin 5890

CURTAIN STRETCHERS, MNFRS.

ILLINOIS

CHICAGO

Chicago Curtain Stretcher Co, 3725 Wall . . Yards 4349

CUSTOM HOUSE BROKERS

ILLINOIS

CHICAGO

Sheldon G W & Co, 220 S State ..... Harrison 2285

LOUISIANA

NEW ORLEANS

Duhn S J Shipping Co Inc (The), Hennen bldg ..... Main 3263

NEW YORK

NEW YORK CITY

Sheldon G W & Co, 8 and 10 Bridge ..... Broad 242

CUSTOMS BROKERS

ILLINOIS

CHICAGO

Gallagher & Ascher, 112 W Adams ..... Randolph 14

TEXAS

GALVESTON

Hawley & Letzerich, 21st and Avenue C. Galveston 31

CUT GLASS—MANUFACTURERS

ILLINOIS

CHICAGO

Koch Edward J, 115 E South Water ..... Central 1

NEW YORK

BUFFALO

Didio Bros Cut Glass Co (High Class Light-Cutting Our Specialty) 323 N Division . Seneca 4422

ROCHESTER

Genesee Cut Glass Co, 19 Montrose ..... Main 1

CUT RATE TICKET OFFICES

ILLINOIS

CHICAGO

Lyons Railroad & Steamship Ticket Office
310 S Clark .....Wabash 1759

CUT SOLES, TAPS, TOPLIFTS, ETC.

MASSACHUSETTS

BOSTON

Thayer N F & Co Inc, 57 Kneeland.....Beach 4418

CUTLERY

NEW YORK

NEW YORK CITY

Westpfal Frederick & Bro 186 E Houston..Orchard 1717

CUTLERY MANUFACTURERS

NEW YORK

BUFFALO

Buffalo Knife Co, 700 Main.....Tupper 282

CUTLERY MNFRS—SHOE & RUBBER KNIVES

MASSACHUSETTS

SOUTHBRIDGE

Richard Stephen Co Inc The, Elm...Southbridge 68

CUTLERY—SAFETY RAZOR MNFRS. FOR LARGE USERS

NEW YORK

NEW YORK CITY

urham Safety Razor Co The, 64 Murray.Barclay 5638

CUTLERY, WHOLESALE

ILLINOIS

CHICAGO

nure N Co, 237-241 W Madison.....Main 3482

CUTTERS

ILLINOIS

CHICAGO

itional Tool Co The, (I P Jones agt) 24
S Jefferson .....Monroe 826
See our Catalog Space, page 979

MICHIGAN

DETROIT

her Tool & Supply Co (Woodruff Key Way),
40-42 Larned E .....Cherry 3980

OHIO

CLEVELAND

tional Tool Co The, W Bell-Edgewater 2240
Madison and W 112th....Ohio State-Highland 408
See our Catalog Space, page 979

CUTTERS, FODDER & ENSILAGE, ALL SIZES

OHIO

SALEM

er Mfg Co The, 317 Broadway Bell-Salem 660
.....Ohio State 166

CUTTERS—MILLING

MICHIGAN

DETROIT

Detroit Twist Drill Co, 634-46 W Fort.....West 375

NEW YORK

NEW YORK CITY

Detroit Twist Drill Co, 30 Warren.....Barclay 4702

CUTTERS (MILLING) RE-CUT

MICHIGAN

DETROIT

Peninsular Tool Salvage Co, 45 E Fort....Cherry 4243

CUTTERS, PIPE

PENNSYLVANIA

PITTSBURGH

Pittsburgh Saw & Manufacturing Co, 32d &
Smallman .....Grant 2212

CUTTING AND BENDING HEAVY SHEET STEEL

NEW YORK

NEW YORK CITY

Standard Steel Sections, Inc, 608 E 133d.Melrose 1966
See our Catalog Space, page 1009

CUTTING BLOCKS

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506
E 19th .....Gramercy 3239
See our Catalog Space, page 1026

CUTTING COMPOUNDS

ILLINOIS

CHICAGO

International Lubricants Co Ltd (Accrus),
350 N Clark .....Franklin 2646

CUTTING COMPOUNDS DEFLOCCULATED GRAPHITE MNFRS.

MICHIGAN

PORT HURON

Acheson Oildag Co, Washington av.....Port Huron 1318

CUTTING DIES FOR CLOTH, LEATHER, PAPER AND RUBBER

OHIO

CINCINNATI

Cincinnati Cutting Die Co 436 E Second....Canal 5381

CUTTING MACHINERY

OHIO

CINCINNATI

Bickett Machine & Mfg Co The, 1110-
1124 Richmond .....West 1635

CUTTING-OFF MACHINES (COLD SAW) MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

CUTTING OFF MACHINES, HIGH SPEED HACK SAW

WISCONSIN

RACINE

Peerless Machine Co, 1610 Racine.....Racine 5303

CUTTING OILS

OHIO

BEDFORD

Franklin Oil & Gas Co The Bell-Bedford 68
.....Ohio State-Union 288

CUTTING SCHOOLS—LADIES' AND GENTLEMEN'S

ILLINOIS

CHICAGO

American Ladies' & Gentlemen's Designing
& Cutting School, 19 S Wells.....Franklin 3447

CYANIDE HARDENING COMPOUND

ILLINOIS

CHICAGO

Bell & Gossett Co, 611 W 30th.....Boulevard 2067
Ele-Kem Company, 1508-1516 Clybourn avDiversey 4410
See our Catalog Space, page 930

MICHIGAN

DETROIT

Park Chemical Company, 29-35 Lovett...Walnut 4481

CYANIDE—POTASH, SODIUM, MIXTURES

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn avDiversey 4410
See our Catalog Space, page 930

CYANIDES—POTASH, SODA AND MIXTURE

NEW YORK

NEW YORK CITY

Van Brunt J A & Co Inc, 114 John.....John 1982

CYCLE ACCESSORIES (EXPORT)

NEW YORK

NEW YORK CITY

Kern Commercial Company 114 Liberty Rector 4713

CYLINDER BORING & AUTOMOBILE REPAIRS

NEBRASKA

OMAHA

Bertschy Manufacturing & Engineering
Co, 1915-23 Harney.....Douglas 2552

CYLINDER AND CRANK GRINDING

MINNESOTA

ST PAUL

Auto Engine Works, University and Griggs ..... Bell-Midway 559, Tri State-82-352

CYLINDER AND CRANK SHAFT GRINDING

ILLINOIS

CHICAGO

Pondelick Bros, 215-219 S Leavitt..... West 1986

CYLINDER GRINDING

ILLINOIS

CHICAGO

Peerless Piston Ring Mnfg Co, 3848-50 N Clark ..... Graceland 3044

NEW JERSEY

HOBOKEN

Nilson-Miller Co, 1300 Hudson..... Hoboken 36

CYLINDER REBORING TOOLS

MICHIGAN

DETROIT

Universal Tool Company The, 916 Beaubien. Ridge 3306

CYLINDERS

NEW YORK

NEW YORK CITY

Welding Supply Co, 132 Nassau..... Beekman 4460
See our Catalog Space, page 1014

DAIRY & CREAMERY MACHINERY & SUPPLIES

IOWA

CEDAR RAPIDS

Cherry J C Co, 10th av & 4th..... Cedar Rapids 2546

DAIRY, CREAMERY AND MILK DEALERS' SUPPLIES

NEW JERSEY

NEWARK

Mono-Service Company Verona av and Oraton st ..... Branch Brook 4300
See our Catalog Space, page 935

DAIRY LIME

ILLINOIS

CHICAGO

Allwood Lime Co, 80 N Dearborn..... Randolph 897
See our Catalog Space, page 970

DAIRY MACHINERY & SUPPLIES

NEW YORK

NEW YORK CITY

Wisner Mfg Co, 230 Greenwich..... Barclay 9690

OHIO

CINCINNATI

Ohio Creamery & Dairy Supply Co The, 124 W Third ..... Main 1098

PENNSYLVANIA

CHESTER

Chester Dairy Supply Co, 9th & Hyatt.... Chester 341

DAIRY PREPARATIONS

NEW YORK

LITTLE FALLS

Hansen's Chr Laboratory Inc, (Rennet Extract, Cheese and Butter Color). Little Falls 217

DAMASKS

NEW YORK

NEW YORK CITY

Schubert & Bender, Inc, 200, 5th av.... Gramercy 1981
Tausend Felix, 576-578 Broadway..... Spring 2345

DAMPPROOFING

ILLINOIS

CHICAGO

Biegler E N Inc, 2730 N Rockwell..... Humboldt 135

DANCING, MODERN & INTERPRETIVE (TAUGHT PRIVATELY)

ILLINOIS

CHICAGO

Long Dancing Studios The, 37 S Wabash av ..... Central 208

DAVENPORT-BEDS

INDIANA

INDIANAPOLIS

Madden John J Mfg Co, 16th and Sherman Drive ..... Bell-Woodruff 270, Automatic 61243

DAVITS

NEW YORK

NEW YORK CITY

Steward Davit & Equipment Corp, 17 Battery Place ..... Rector 6679
See our Catalog Space, page 1007

DAYLO

NEW YORK

NEW YORK CITY

American Eveready Works Thomson & Orton, L I City ..... Hunters Point 5100

DEAD STOCK FERTILIZER

OHIO

HAMILTON

Miami Fertilizer Co, 530 S 2d ..... Bell-Hamilton 72, Ohio State 72

DEAF, INSTRUMENTS FOR

NEW YORK

NEW YORK CITY

Microphe-Detector Co Inc, 26 Cortland... Cortland 7290

DECALCOMANIA

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce.. Main 1461
Palm Brothers Company The, (Manufacturers, Decalcomania Transfers of Every Description) 20 W Jackson bl..... Harrison 6878

NEW YORK

NEW YORK CITY

Brown-Sinramm Co, 1 W 34th..... Greeley 1666
Palm Brothers Company The, (Manufacturers, Decalcomania Transfers of Every Description) 71-73 Murray ..... Barclay 5969

OHIO

CINCINNATI

Palm Brothers Company The, (Manufacturers, Decalcomania Transfers of Every Description) Spencer av nr Cleneay Norwood..... Ridge 1475

DECALCOMANIA—TRANSFER NAME PLATES

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce.. Main 1461

NEW JERSEY

JERSEY CITY

Globe Decalcomanie Co, 76 Montgomery ..... Montgomery 2497

DECOMPOSED SILICA

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie..... Franklin 1852

NEW YORK

NEW YORK CITY

Innis Speiden & Co, 46 Cliff..... Beekman 4031

DECORATED DINNERWARE—FOR DEPT. & FURN. TRADE

OHIO

SEBRING

Limoges China Company The..... Bell-Sebring 16, Ohio State 40

DECORATING—INTERIOR, PUBLIC BLDGS CHURCHES & BANKS

OHIO

ASHTABULA

Art Craft Decorating Co The, 18 Spring Home-Main 1381

DECORATIONS—ARTIFICIAL FLOWERS AND PLANTS

NEW YORK

NEW YORK CITY

Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition, 1915), 949 Bway, 175, 5th av..... Gramercy 2715

DECORATIONS—FLAGS AND BUNTING

ILLINOIS

CHICAGO

Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271
Home Decorating Co The, 28 S Wells..Franklin 3880

DECORATIONS FOR CELEBRATIONS, ETC.

ILLINOIS

CHICAGO

Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

DECORATIONS, FOR CELEBRATIONS, SPECIAL OCCASIONS

NEW YORK

NEW YORK CITY

Iamilton W F Co, 49 W 58th.....Plaza 9751

DECORATIVE PLANTS AND ARTIFICIAL FLOWERS

NEW YORK

NEW YORK CITY

'etschert Frank, 61 Barclay.....Barclay 6410

DECORATORS

ILLINOIS

CHICAGO

uerth Matt, 2019 Pierce av.....Humboldt 8054
'eber John J, 8 S Dearborn.....Randolph 4558

NEW JERSEY

ELIZABETH

aggren Bros Co, 1178-80 East Grand..Elizabeth 873

DECORATORS (CELEBRATIONS AND EXPOSITIONS)

OHIO

CINCINNATI

ck Wm & Sons Co The, 1115 Vine ....Canal 2264

DECORATORS (FOR CONVENTIONS, BANQUETS, ETC.)

MICHIGAN

DETROIT

tional Flag Decorating Co, 52 Woodward av .....Cherry 842-J

OKLAHOMA

TULSA

ional Tent & Awning Co, 111 N Main..Osage 780

DECORATORS & EXPOSITION CONTRACTORS

OHIO

CINCINNATI

a Geo E, 1252-1254 Elm.....Canal 5584

DECORATORS INTERIOR

NEW YORK

NEW YORK CITY

Tiffany Studios, 361 Madison av.....Murray Hill 5592

DECORATORS—INTERIOR DECORATORS—WOODWORKERS

NEW YORK

NEW YORK CITY

Schleich & Smeraldi, 213 E 38th.....Vanderbilt 923

DEFECATORS (WITH COPPER OR STEEL COILS)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Broadway .....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove .....Main 694

DEFORMITY APPARATUS

ILLINOIS

CHICAGO

Sharp & Smith, 155-157 N Michigan bl.Randolph 3421

DEGRAS

MASSACHUSETTS

BOSTON

Montgomery W L & Co, 10 High.....Main 971

DELICATESSEN SUPPLIES WATERPROOFED CONTAINERS

NEW JERSEY

NEWARK

Mono-Service Company Verona av and Oraton st .....Branch Brook 4300
See our Catalog Space, page 935

DENATURED ALCOHOL

NEW YORK

NEW YORK CITY

American Alcohol Co Inc, 60 Wall.....Hanover 6279

DENTAL ADVERTISING EXPERT—DOMESTIC & FOREIGN

PENNSYLVANIA

PHILADELPHIA

Hynson Geo B (Specialized 12 years in this line), 210 S 7th.....Bell-Walnut 444 Keystone-Main 4004

DENTAL EQUIPMENT, USED AND NEW GOODS

ILLINOIS

CHICAGO

Cassriel Alexander Co, 128-132 S Wabash av .....Central 3150

DENTAL GOLD MNFRS.

NEW YORK

BUFFALO

Williams Gold Refining Co, 2978 Main...Crescent 1382

DENTAL INSTRUMENTS

NEW YORK

NEW YORK CITY

Gratrath Chas, 360 W 50th.....Columbus 556

PENNSYLVANIA

PHILADELPHIA

Penn Surgical Mfg Co Inc, 1407-09 N 8th .....Bell-Kensington 634 Keystone-Park 5083A

DENTAL INSTRUMENTS AND CLEANING BRUSH MNFRS.

PENNSYLVANIA

PHILADELPHIA

Union Dental Inst Mfg Co (Abbott Brushes), 831-35 Cherry.....Bell-Walnut 3071 Keystone-Main 1552

DENTAL INSTRS. LABORATORY BRUSHES, DISKS, SPCLTES.

PENNSYLVANIA

PHILADELPHIA

Star Dental Mfg Co, 535 Arch .....Bell-Market 1611 Keystone-Main 5367-A

DENTAL LABORATORIES

ILLINOIS

CHICAGO

Central Dental Laboratory Co, 218 S Wabash av.....Harrison 6346
Reese & Wiedhofft Drs, 180 N Dearborn..Central 3910

NEW YORK

NEW YORK CITY

Griswold H E, (Practical Prosthetics for the Particular Profession) 131 East 29th..Mad Sq 8133
Sweet Chester T (Jackson Regulating Appliances a Specialty) 17 W 42d.....Vanderbilt 2278

DENTAL MANUFACTURERS, BURS, BROACHES, ETC

ALABAMA

BIRMINGHAM

Birmingham Dental Manufacturing Co, 119 E 59th.....Woodlawn 772

DENTAL MANUFACTURERS AND SUPPLIES

NEW YORK

NEW YORK CITY

Union Broach Co (Instruments, Burs, Broaches, Mirrors, Syringes, Teeth), 256 W 55th.Circle 4243

OHIO

TOLEDO

Ransom & Randolph Co The, The Manhattan,, 518 Jefferson av....Bell-Main 539 Ohio State-Main 7788

PENNSYLVANIA

PITTSBURGH

Smith Lee & Son Co, Keenan bldg.....Grant 2012

DENTAL MNFRS. SWITCH BDS. STERILIZERS, SPRAY WARMERS

CALIFORNIA

SAN FRANCISCO

Majestic Electric Development Co, 656 Howard ..... Sutter 2381

DENTAL SUPPLIES

ILLINOIS

CHICAGO

Gallagher Dental Supply Co The, 37 S Wabash av ..... Central 3562

NEW YORK

NEW YORK CITY

Dentists' Supply Company The, 220 W 42d. Bryant 296
Economy Dental Supply Co (Manufacturers, Importers, Wholesale Dealers, Dental Specialties), 203 E 23d ..... Gramrcy 1049
Specialty Mfg Co (Manufacturers Dental Surgical Mirrors and Specialties) 15 Spruce. Beekman 2386

DENTAL SUPPLIES MANUFACTURERS

NEW YORK

NEW YORK CITY

Fisher John C Mfg Co, 389-391 Hamilton L I C ..... Astoria 1787

DENTAL SUPPLIES, MFGS. READY MADE CROWNS

PENNSYLVANIA

PHILADELPHIA

Lincoln Dental Mfg Co, 1215 Filbert.... Walnut 411

DENTAL SUPPLY MNFRS.

INDIANA

INDIANAPOLIS

Fox A P Specialty Co, 222 E Ohio ..... Bell-Main 2259, Automatic 23412

NEW YORK

NEW YORK CITY

Guarantee Dental Supply Co (Wholesale Manufacturers, Dealers, Exporters and Importers) 220 W 42d ..... Bryant 6459

DEPARTMENT STORE FIXTURES, MNFRS

ILLINOIS

CHICAGO

Chicago Store & Office Fixture Co, 818-820 S Clinton ..... Harrison 7308
Inter-Ocean Cabinet Co, 322-326 S Paulina. West 3319

DEPOSITION REPORTING

ILLINOIS

CHICAGO

Devlin & Roberts, Conway bldg ..... Randolph 4846
Walsh Edward J, Conway bldg ..... Franklin 2188

DERMATOLOGISTS

KENTUCKY

LOUISVILLE

Stokes Madam, Republic bldg ..... Main 1114

DERRICK MNFRS.

ILLINOIS

CHICAGO

Sasgen Derrick Co, 3101 W Grand av... Garfield 800

DERRICK MNFRS, PORTABLE ALL STEEL

ILLINOIS

CHICAGO

Taylor Portable Steel Derrick Co, 213-221 W Grand av ..... Superior 560

DERRICKS

ILLINOIS

CHICAGO

National Equipment Co, 125-127 S Racine av ..... Monroe 4036

DERRICKS, GRAB BUCKETS, HOISTS

PENNSYLVANIA

PITTSBURGH

Garlin John H Machine Co, Sandusky & Lacock ..... Cedar 233

DERRICKS, HOISTS & WINCHES BLOCKS & ROPE

MINNESOTA

MINNEAPOLIS

Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2025, Tri State 61100

NEW YORK

NEW YORK CITY

Green G S Co Inc, 74 Warren ..... Barclay 8688

PENNSYLVANIA

PHILADELPHIA

Shannon J Jacob & Co, 1744 Market..... Spruce 1744
See our Catalog Space, page 935

DESIGNERS

ILLINOIS

CHICAGO

Goldschmidt Robert, 537 S Dearborn.... Wabash 2119
Hawtin Engraving Co The, 19 S Wells..... Main 4103

DESIGNERS & CONTRACTORS (BANK BUILDINGS)

MINNESOTA

ST PAUL

Moorman A & Co, 497-513 Minnesota ..... Bell-Cedar 5274, Tri-State 21927

DESIGNERS—TOOLS AND SPECIAL MACHINERY

OHIO

DAYTON

Federal Tool & Machine Co The, 429 East Third ..... Main 1370

DESIGNING AND CONTRACTING MECHANICAL ENGINEERS

OHIO

CLEVELAND

Gaehr David (Equipment for Expeditious handling of materials), Rockefeller bldg ..... Bell-Main 1871, Ohio State-Central 6556

DESIGNING & MNFG., METAL STAMPINGS A SPECIALTY

OHIO

TOLEDO

Klopping A C, 1678 Norwood av ..... Ohio State-Prospect 632

DESK BLOTTING PADS, ETC.

NEW YORK

NEW YORK CITY

Boorum & Pease Co, 84 Hudson av Bklyn.. Main 7986
See our Catalog Space, page 923

DESK BLOTTING PADS, LEATHER AND BRASS CORNERS

NEW YORK

NEW YORK CITY

Sainburg L & Son, 65-67 W Houston..... Spring 9842

DESK BRACKETS & STANDS (SWINGING)

RHODE ISLAND

PROVIDENCE

Ideal Desk Bracket Co, Custom House.. Union 4030-[illegible]

DESK ROOM—MAIL FORWARDING SERVICE

OHIO

CLEVELAND

Sixth City Service Co, Schofield bldg..... Main 5788

DESKS

ILLINOIS

CHICAGO

Stevens Maloney & Co, 21 S Lasalle..... Central 318[illegible]

OHIO

YOUNGSTOWN

General Fireproofing Co The, (All steel), East Dennick ..... Bell-Main 1250, Ohio State 2250

DESKS (MANUFACTURERS)

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry ..... Main 78[illegible]

ILLINOIS

CHICAGO

Manufacturers Office Equipment Co, 101 S Wells ..... Franklin 56[illegible]

NEW YORK

HERKIMER

Morrock's Desk Co, 420 E German.....Herkimer 479
National Desk Co, Park av.....Herkimer 94

OHIO

MARYSVILLE

Marysville Cabinet Co The, 202 E 4th.....Union 44

DESKS AND BUSINESS FURNITURE

NEW YORK

NEW YORK CITY

Grounstein J (I do everything for the Office Partitions, Cabinet Work, Desks, & Office Furniture Bought & Sold) 166 William..Beekman 3139

DETECTAGRAPHS

NEW YORK

NEW YORK CITY

Micropho-Detector Co Inc, 26 Cortland..Cortland 7290

DETECTIVE AGENCIES

ALABAMA

BIRMINGHAM

Bodeker's National Detective Agcy, Brown-Marx bldg .....Main 2241
Burns Wm J International Detective Agency The Inc, Brown Marx bldg.....Main 3869
See our Catalog Space, page 938

CALIFORNIA

LOS ANGELES

Burns Wm J International Detective Agency The Inc, I N Van Nuys bldg. Manual Main 5984 Home A-1944
See our Catalog Space, page 938
Burn G A Detective Agency The (Investigations throughout the world, Bonded, Licensed), 2d & Broadway, California Manual-West 897
bldg .....Home A-2720
Cody Detective M E Firman, American Bank bldg, Second & Spring..... Manual Pico 139 Home A 3465
Erston Detective Service, Bryson bldg ..... Manual Main 91 Home F-7196

OAKLAND

Pacific Detective Agency, Bacon bldg....Lakeside 2063

SAN FRANCISCO

Burns Wm J International Detective Agency The Inc, First National Bank bldg....Sutter 1775
See our Catalog Space, page 938
West Coast Detective Agency (Thos O Gray, Mgr), Pacific bldg.....Sutter 1360

STOCKTON

Chinman Patrol & Detective Service The, 122 East Main.....Stockton 1579

COLORADO

DENVER

Burns Wm J International Detective Agency The Inc, Cooper bldg.....Main 4439
See our Catalog Space, page 938
Blue Leonard Detective Agency, Gas & Electric bldg.....Main 8478

CONNECTICUT

NEW HAVEN

Owen's Detective Agency, 42 Church....Liberty 2294
Firman Detective Agency Inc, 42 Church..Colony 578

ENGLAND

LONDON

Burns Wm J International Detective Agency The Inc, Crown Chambers.....Regent 3004
See our Catalog Space, page 938

FLORIDA

JACKSONVILLE

Express National Detective Agcy, Professional bldg .....Jacksonville 2668
Burns Wm J International Detective Agency The Inc, Hotel Albert.....Jacksonville 3600
See our Catalog Space, page 938

TAMPA

Southern Detective Agency The.....Tampa 2811

ILLINOIS

CHICAGO

Baker's Investigating Agency, 110 S Dearborn .....Randolph 674
Burns Wm J International Detective Agency The Inc, Transportation bldg.....Harrison 7007
See our Catalog Space, page 938
Christiansen L A Secret Service, Fisher bldg .....Harrison 417
Gorton National Detective Agency Inc 118 N LaSalle.....Franklin 107
Harrison's Secret Service Inc, 110 S Dearborn .....Randolph 688
Interstate Detective Agency, 440 S Dearb. Harrison 2220
Jones Inc, Rector bldg.....Majestic 8063
See our Catalog Space, page 940
Kane Service The 21 N LaSalle.....Main 5337
McGuire & White Detective Agency 38 S Dearborn .....Randolph 1580
Mooney & Boland Detective Agency The, 30 N LaSalle .....Main 1990
National Union Detective Agency, 127 N Dearborn.....Central 4240
O'Brien P D & Sons Detective Agency, 160 W Randolph .....Franklin 4427
Protective Alliance The, 76 W Monroe..Randolph 7930
Seagrove G A Company The, First Natl Bank bldg .....Randolph 4210
Sherman Detective Agency Inc, 208 S Lasalle .....Harrison 1130
Smiley's Secret Service, 189 W Madison..Franklin 1652
Soulé Secret Service 139 N Clark.....Central 6972
Turner Wm J Detective Agency, 36 W Randolph .....Randolph 7314
Washington Detective Bureau Inc, 327 S Lasalle .....Harrison 8254
See our Catalog Space, page 939
Young Herbert F, 105 W Monroe.....Randolph 386

INDIANA

CRAWFORDSVILLE

Lyons Detective Agency, 107 S Green .....Crawfordsville F C 27

INDIANAPOLIS

Webster H O Detective Agency The, Hume-Mansur bldg ..... Bell-Main 2615 Automatic 27-615

KANSAS

WICHITA

Gilleland's National Detective Agency, Schweiter bldg..... Day Market 2554 Night Douglas 86
United Detective Agency, Bomes bldg....Market 3823

KENTUCKY

LOUISVILLE

Standard Detective Agency, 233 S Fourth av ..... Bell-Main 1719 Home-City 1719

LOUISIANA

NEW ORLEANS

Boylan's Detective Agency & Protection Police, 636 Gravier .....Main 977
Burns Wm J International Detective Agency The Inc, Q & C bldg.....Main 604
See our Catalog Space, page 938

MARYLAND

BALTIMORE

Baltimore Detective Agency, Fidelity bldg .....St Paul 394
Burns Wm J International Detective Agency The Inc, Fidelity bldg.....St Paul 4212
See our Catalog Space, page 938
National Detective Agency, Title bldg....St Paul 1005

MASSACHUSETTS

BOSTON

Burke P J Detective Agency 29 Central..Fort Hill 2085
Burns Wm J International Detective Agency The Inc, Boston Safe Deposit & Trust Co bldg ..... Fort Hill 4930
See our Catalog Space, page 938
Morgan Detective Agency, 120 Boylston...Beach 1717
Ray Detective Agency & Merchant's Secret Service Inc, 100 Boylston.....Beach 355
Sherman Detective Agency Inc, 10 State..Fort Hill 2687
Washington Detective Bureau Inc, 400 Boylston ..... Back Bay 9060
See our Catalog Space, page 939
Watts Detective Agency Inc, Old South bldg ..... Fort Hill 3545
Wood James R Detective Agency Inc, (Pioneer Detective Agency of New England. Established 1879. Day and and Night Telephones) 61 Court...Fort Hill 2022

WORCESTER

United Detective Service, Park bldg.....Park 1340

MICHIGAN

DETROIT

Brown Cameron C, Book bldg.....Cadillac 6617
Burns Walter J Inc, Hammond bldg....Cadillac 281
Burns Wm J International Detective Agency The Inc, Dime Savings Bank bldg.....Cherry 2322
See our Catalog Space, page 938
Metropolitan Detective Agency Inc Breitmeyer bldg ..... Cadillac 6673
Murphy Secret Service, Penobscot bldg.....Main 611
O'Neil Secret Service, Vinton bldg cor Woodward av and Congress.....Cherry 2773
Sterling Secret Service, Penobscot bldg...Cadillac 1984
Watts & Whelan, Peter Smith bldg.....Main 2704

MINNESOTA

MINNEAPOLIS

Burns Wm J International Detective Agency The Inc, McKnight bldg... Bell-Nicollet 1349 Automatic 34-319
See our Catalog Space, page 938
King Detective Agency, McKnight bldg ..... Bell-Nicollet 522 Tri-State-Center 4171
Madison Detective Service, McKnight bldg ..... Bell-Main 6746 Tri-State 34715

ST PAUL

Burns Wm J International Detective Agency The Inc, Exchange Bank bldg ..... Bell-Cedar 2037 Automatic 22-632
See our Catalog Space, page 938
Employers Detective Service, Oppenheim bldg. Cedar 2871
Sweeney Secret Service, Globe bldg ..... Bell-Cedar 1264 Tri-State 24711

MISSOURI

JOPLIN

Continental Detective Agency, Frisco bldg. Home 4229

KANSAS CITY

Burns Wm J International Detective Agency The Inc, Ridge Arcade bldg. Bell-Main 6820 Home-Main 6820
See our Catalog Space, page 938
Kirk's Detective Agency, Commerce bldg ..... Bell-Main 2002 Home-Main 2002
Marshall Detective Service Co The, Reliance bldg ..... Bell-Main 6194 Home-Main 6194
National Detective Agency, New York Life bldg 9th & Baltimore ..... Home-Main 5567
Trent & Baker Detective Agency, Ridge bldg ..... Bell-Main 4208 Home-Main 4208
Whitsett National Detective Agency, Hall bldg ..... Bell-Main 952 Home-Main 952

ST JOSEPH

Central Detective Agency, 6th & Edmond Commercial bldg.....Main 208
Hartley Detective Agency, 214 South 8th....Main 52

ST LOUIS

Burns Wm J International Detective Agency The Inc, Railway Exchange bldg ..... Bell-Main 279 Kinloch-Cent 1489
See our Catalog Space, page 938
Disher's Detective Agency, Central Natl Bank bldg..... Bell-Olive 4470 Kinloch-Central 836
Merchants Manufacturers Secret Service Bureau, Chemical bldg .....Olive 4208

NEBRASKA

OMAHA

Reliable Detective Bureau, Railway Exchange bldg .....Douglas 2056

NEW JERSEY

ATLANTIC CITY

Haughey's State Detective Bureau, 10 S Tennessee av.....Atlantic City 1254-J
McClain & Martin, Guarantee Trust bldg .....Atlantic City 1753-J

CAMDEN

Miller Frank H Detective Agency, 443 Broadway .....Camden 1434

NEWARK

National Detective Agency The, Union bldg Mulberry 3239

NEW YORK

BUFFALO

Burns Wm J International Detective Agency The Inc, White bldg..... Bell-Seneca 3134 Federal 23-851
See our Catalog Space, page 938
Gilmore H A Detective Bureau, The White bldg .....Seneca 1722

DETECTIVE AGENCIES—CONT'D

NEW YORK—CONTINUED

NEW YORK CITY

Burns Wm J International Detective Agency The Inc, Woolworth bldg ..... Barclay 7600
See our Catalog Space, page 938
Eagle Detective Agency, 1265 Broadway ..... Madison Square 8747
See our Catalog Space, page 939
McIlwraith Detective Agency, (Personal supervision given to all cases) 2 Rector. Rector 4472
McLellan's Detective Agency 265 W 23d.. Chelsea 3658
Mooney & Boland Detective Agency The, 152 Broadway ..... Cortland 7860
O'Brien's Captain D F International Detective Agency, 112 East 23d..... Gramercy 82
Riley Domnick G Detective Bureau Inc, 225 Fifth av ..... Mad-Sq 7971
See our Catalog Space, page 940
Sheldon Detective Bureau, 38 West 42d. Vanderbilt 461
Sherman Detective Agency Inc, 20 Broad... Rector 9524
Taylor A M & Co, Inc, 115 Broadway..... Rector 9268
Titus & Keleher (Guides furnished city visitors. Reasonable rates) 115 Broadway ..... Rector 2671
Washington Detective Bureau Inc, 1441-1449 Broadway ..... Bryant 1142
See our Catalog Space, page 939
Wisch P Edward Service Inc The, 13-21 Park Row ..... Barclay 8250
Young's Detective Agency (George H Young, Principal, Industrial, Commercial and Personal Investigations. Prompt, Efficient Service), 489, 5th av ..... Murry Hil 1510
See our Catalog Space, page 939

NIAGARA FALLS

Washington Detective Bureau Inc, Gluck bldg, ... Niagara 2447
See our Catalog Space, page 939

ROCHESTER

American Secret Service & Patrol..... Bell-Main 512
System Inc, 16 State..... Rochester-Stone 612

OHIO

AKRON

Central Union Detective Agency, Bell-Main 2989
Walsh bldg ..... Ohio State 1593

CINCINNATI

Cincinnati Police & Detective Association The Inc, 2d Natl Bank bldg..... Canal 252
Crim Cal, Former Chief of Detectives Great Western Secret Service Assn, Johnston bldg ..... Main 1200
Jackson W H, Carew bldg ..... Main 1428
Nimmo Wm L Detective Bureau, Bell Block.. Canal 309
O'Brien Secret Service Agency, 519 Main Lincoln Inn ct ..... Canal 3734
Robertson Co The, (H B Jackson, supt), Gwynne bldg ne cor 6th & Main..... Canal 5682
Ziegler's Secret Service Co, Union Trust bldg. Main 41

CLEVELAND

Burns Wm J International Detective Agency The Inc, Swetland bldg ..... Bell-Prospect 59 Ohio State-Central 1946
See our Catalog Space, page 938
Central Union Detective Agency Co The, Engineers bldg .... Bell-Main 5469 Ohio State-Central 1845-R
Corporation Service Bureau Inc The, New Guardian bldg ..... Main 1146
Mintz Jake Detective Agency, Cuyahoga bldg ..... Bell-Main 29 Ohio State-Central 5875

COLUMBUS

Brown & McLees, Schultz bldg..... Main 5709
Central Detective Bureau, 71 E..... Bell-Main 933
State ..... Ohio State 6025
Commerce Detective Bureau, Grand Theatre bldg ..... Bell-Main 9203 Ohio State 3442
Foster Thos E, 16 E Broad..... Bell-Main 418
..... Ohio State 2070
See our Catalog Space, page 939
Mahoney John J 232½ N High ..... Bell-Main 6513 Ohio State 4675
Ohio Detective Bureau Inc The, Dispatch Annex, 70 N High..... Bell-Main 7376 Ohio State 4148
Ohio State Detective Agency Commerce bldg ..... Bell-Main 3 Ohio State 3333

DAYTON

Industrial Protective Association, Lindsey bldg ..... Main 7285

TOLEDO

International Detective Service The Spitzer bldg ..... Bell-Main 931 Ohio State-Main 4827

OKLAHOMA

MUSKOGEE

Bays Detective Agency, Barnes bldg.... Muskogee 2842

TULSA

Bays Detective Agency, Bleeker bldg..... Tulsa 2977
Egan Detective Agency, New Ault bldg..... Tulsa 2244
Kirk & Gustafson Detective Agency The, P O Box 1868 ..... Osage 2227

OREGON

PORTLAND

Burns Wm J International Detective Agency The Inc, Yeon bldg..... Bell-Marshall 2473 Home A-4749
See our Catalog Space, page 938

PENNSYLVANIA

PHILADELPHIA

Bauer Detective Service (Reliable Personal, Criminal & Commercial Investigations), 908 Walnut st... Bell-Walnut 4294 Keystone-Diamond 5159-W
Burns Wm J International Detective Agency The Inc, Widener bldg ..... Walnut 5040
See our Catalog Space, page 938
Elliott Detective Agency, 1414 So Penn Square ..... Bell-Spruce 1672 Night-Poplar 1970
Kraver's Bureau of Secret Service, Real Estate Trust bldg ..... Walnut 375
Long's Detective Agency, Real Estate Trust bldg ..... Walnut 2509
Sherman Detective Agency Inc, Commonwealth bldg ..... Walnut 1267
Standard Detective Bureau, 1529 Chestnut. Spruce 4609
Tate's Detective Bureau, 29 N 13th Bell-Filbert 2277
..... Keystone-Race 5858-A
Taylor National Det Agency (J B Taylor) (Former Supt of Police) (Member Internat'l Ass'n) (Member National Bureau Criminal Identification), 1414 South Penn Square..... Spruce 4259

PITTSBURGH

Burns Wm J International Detective Agency The Inc Commonwealth bldg Bell-Court 2600 P & A-Main 2250
See our Catalog Space, page 938
Inter-State Detective Agcy, Diamond and Grant ..... Court 76
Ray Detective Agency (Edgar R Ray, Princ. Night call Highland 7144), Bakewell bldg ..... Court 3849

SCRANTON

Rafter's Detective Agency, Connell bldg.. Scranton 1060

RHODE ISLAND

PROVIDENCE

Burns Wm J International Detective Agency The Inc, Journal bldg ..... Union 193
See our Catalog Space, page 938
National Detective Agency The, 49 Westminster ..... Union 3924
Sherman Detective Agency Inc..... Grosvenor bldg ..... Union 4138
United Detective Service, Turks Head bldg.. Union 2244

TENNESSEE

CHATTANOOGA

Simms James T United States Detective Agency The, Keystone bldg ..... Main 6822

MEMPHIS

Burns Wm J International Detective Agency The Inc, Bank of Commerce & Trust bldg... Main. 3170
See our Catalog Space, page 938

TEXAS

DALLAS

Burns Wm J International Detective Agency The Inc, Busch bldg..... Main 687
See our Catalog Space, page 938
Smith Detective Agency, Busch bldg ..... Main 1665

FORT WORTH

A B Lopp Detective Agency, 202½ Main. Rosedale 1314

HOUSTON

Burns Wm J International Detective Agency The Inc, Beatty bldg..... Preston 1285
See our Catalog Space, page 938
McCane's Nat'l Detective Agency, Kiam bldg ..... Preston 350

UTAH

SALT LAKE CITY

Burns Wm J International Detective Agency The Inc, Newhouse Hotel..... Main 570
See our Catalog Space, page 938

WASHINGTON

SEATTLE

Burns Wm J International Detective Agency The Inc, L C Smith bldg..... Main 7629
See our Catalog Space, page 938
Pacific Coast Detective Agency, Seaboard bldg, 4th & Pike ..... Elliott 1653

SPOKANE

Burns Wm J International Detective Agency The Inc, Old National Bank bldg..... Main 2178
See our Catalog Space, page 938
Swain Intern'l Detective Agency The (E L Zimmerman, Mgr), Empire State bldg..... Main 725

WISCONSIN

MILWAUKEE

Manufacturers & Merchants Inspection Bureau, Caswell bldg ..... Grand 614
Wilson's Detective Agency, Mack bldg..... Main 1705

DETECTIVE AGENCIES AND BLOOD HOUND SERVICE

TENNESSEE

CHATTANOOGA

Phipp's Detective Agency, 13½ E 8th..... Main 4251

DETECTIVE AGENCY, CORPORATION INDUSTRIAL SPECIALISTS

MICHIGAN

DETROIT

Burns Walter J Inc, Hammond bldg..... Cadillac 281

DETECTIVE & PATROL SERVICE

CALIFORNIA

SAN FRANCISCO

Morse Detective & Patrol Service, 602 California ..... Sutter 6868

DETECTIVE & POLICE BUREAU

OHIO

CLEVELAND

Folger H Clay, Schofield bldg Bell-Main 5872
..... Ohio State-Central 2747-W

DEVELOPING, PRINTING & ENLARGING

ILLINOIS

CHICAGO

Central Camera Co, 124 S Wabash av..... Central 5963

DEXTRINE

ILLINOIS

CHICAGO

Chicago Starch Co, 2710 Throop..... Drover 3897
Williamson Glue & Gum Works, 220-222 W Huron ..... Superior 8399

DIABETES AND KIDNEY SPECIALISTS

CALIFORNIA

SAN FRANCISCO

Randall T J, MD (Write this Specialist to-day for information) 25 Third..... Sutter 7067

DIALS

NEW YORK

NEW YORK CITY

Premier Metal Etching Co 14th St Van Alst av L I C..... Hunters Pt 2064
See our Catalog Space, page 983

DIALS FOR ALL INSTRUMENTS, MNFRS.

ILLINOIS

CHICAGO

General Etching & Mfg Co, 312-14-16 S Hamilton av ..... Seeley 164
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DIALS FOR CLOCKS, METERS, INDICATORS, ETC.

NEW YORK

NEW YORK CITY

Manhattan Dial Mfg Co, 40 Lexington av, B'klyn ..... Prospect 1830

DIALS, SIGNS AND NOVELTIES—ENAMELED

NEW YORK

NEW YORK CITY

Miller & Miller, 17 W 42d..... Vanderbilt 1235

DIAMOND, BORTZ & CARBON TOOLS, BOUGHT & SOLD

ILLINOIS

CHICAGO

Bloomfield B A, 159 N State..... Central 1709

DIAMOND TOOLS FOR ALL MECHANICAL PURPOSES

NEW YORK

NEW YORK CITY

Nassau's S Son, 180 Broadway..... Cortland 5050

DIAMONDS—BORTZ AND CARBON

MICHIGAN

DETROIT

Modern Diamond Tool Co, Marquette bldg. Cherry 2989-J
Wheel Trueing Tool Co, Ford bldg..... Cherry 3440

WISCONSIN

MILWAUKEE

Wheel Trueing Tool Co, Wells bldg..... Main 351

DIAMONDS FOR MECHANICAL PURPOSES

NEW YORK

NEW YORK CITY

Nassau Maurice S, 6 Maiden Lane..... Cortland 6598
Ermann & Bahlsen, 2 Maiden Lane.... Cortland 7365

DIAMONDS—IMPORTERS AND MNFRS.

MICHIGAN

DETROIT

Gal, Jacob & Co, Liggett bldg..... Cadillac 3385

DICTAPHONE DEALERS

NEW YORK

NEW YORK CITY

Dictating Machine Co Inc (McLaughlin Bros), (Slightly used Machines with Years Guarantee), 175 Broadway..... Cortland 175

DICTAPHONES

CALIFORNIA

SAN FRANCISCO

Columbia Graphophone Co, 334 Sutter... Douglas 3524

DISTRICT OF COLUMBIA

WASHINGTON

Columbia Graphophone Co, 1210 G st N W.. Main 2067

ILLINOIS

CHICAGO

Columbia Graphophone Co, North American bldg ..... Randolph 2771

MASSACHUSETTS

BOSTON

Columbia Graphophone Co, 187 Federal.. Fort Hill 165

MICHIGAN

DETROIT

Columbia Graphophone Co, 401 Woodward av ..... Cadillac 1855

MISSOURI

ST LOUIS

Columbia Graphophone Co, 1127 Pine..... Olive 3084

NEW YORK

NEW YORK CITY

Columbia Graphophone Co, 55 Warren... Barclay 3043

OHIO

CLEVELAND

Columbia Graphophone Co, 1375 Euclid av. Prospect 3180

PENNSYLVANIA

PHILADELPHIA

Columbia Graphophone Co, 210 North Broad. Spruce 2575

PITTSBURGH

Columbia Graphophone Co, 101, 6th..... Grant 4096

DICTAPHONES—REBUILT

ILLINOIS

CHICAGO

Price Inc, 440 S Dearborn..... Harrison 5917

DICTATING MACHINES—REBUILT

ILLINOIS

CHICAGO

Price Inc, 440 S Dearborn ..... Harrison 5917

DIE CAST BEARINGS

INDIANA

INDIANAPOLIS

American Die Casting Co, Gardner, Lane & White River ..... Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

DIE CAST BEARINGS—PLAIN

INDIANA

INDIANAPOLIS

American Die Casting Co, Gardner, Lane & White River ..... Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

DIE CASTINGS

ILLINOIS

CHICAGO

Alemite Metals Co 341-351 W Chicago av. Superior 6016
See our Catalog Space, page 940
Barnhart Brothers & Spindler, Throop and Monroe ..... Haymarket 5400
Stewart Manufacturing Co, 343 N Wells.. Franklin 2970

INDIANA

INDIANAPOLIS

American Die Casting Co, Gardner, Lane & White River ..... Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

MICHIGAN

DETROIT

Alloy Die Casting Co, 80 E Fort..... Main 3695

NEW JERSEY

EAST ORANGE

Grey C M Mfg Co, 358 Central av.... East Orange 2484

IRVINGTON

Die Casting Co, of New Jersey 16 Washington av..... Waverly 1048

NEW YORK

NEW YORK CITY

Acme Die-Casting Corp (Accuracy Guaranteed. Aluminum and White Metals), Bush Terminal No. 5, 35th st. and 3rd av, Bklyn..... Sunset 6443
American Castings & Mfg Corp, 28 Main, Bklyn ..... Main 609
Doehler Die Casting Co, Court and 9th Bklyn ..... Hamilton 230
See our Catalog Space, page 940

WISCONSIN

MILWAUKEE

Milwaukee Die Casting Co, 297, 4th..... Grand 1133

DIE CUTTING—LABELS AND GUIDE CARDS

ILLINOIS

CHICAGO

McNeill T C & Co, 601-607 S Dearborn.. Harrison 5786

DIE CUTTING PRESSES

CONNECTICUT

MYSTIC

Standard Machinery Co, Water ..... Mystic 20

NEW YORK

NEW YORK CITY

Standard Machinery Co, 41 Park Row (Branch) ..... Cortland 1177

DIE FILING MACHINES

MICHIGAN

GRAND RAPIDS

"Rearwin The" W D Rearwin, 341 Mill av ..... Citizens 31-510

DIE HEADS

CONNECTICUT

NEW HAVEN

Eastern Machine Screw Corp The (H & G Automatic), Truman and Barclay....Liberty 7088
See our Catalog Space, page 941

DIE HEADS (SELF OPENING & ADJUSTABLE)

CALIFORNIA

SAN FRANCISCO

Geometric Tool Co The, (Genl Machinery & Supply Co; Rep) 3951 Stevenson..Sutter 6750

CONNECTICUT

NEW HAVEN

Geometric Tool Co The, Blake and Valley.Liberty 840

ILLINOIS

CHICAGO

Geometric Tool Co The, 545 W Washington bl .....Franklin 3835

MASSACHUSETTS

BOSTON

Geometric Tool Co The, (Hill, Clark & Co Inc; Rep) 156 Oliver.....Main 4438

MICHIGAN

DETROIT

Geometric Tool Co The (The Chas A Strelinger Co; Rep), 43-51 E Larned .....Main 5605

NEW YORK

NEW YORK CITY

Geometric Tool Co The, (Vandyck Churchill Co; Rep) Singer bldg.....Cortland 714

PENNSYLVANIA

PHILADELPHIA

Geometric Tool Co The (Vandyck Churchill Co Rep), Widener bldg Bell-Walnut 2957 Keystone-Main-3540

DIE MAKERS AND MACHINISTS

ILLINOIS

CHICAGO

Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887

WISCONSIN

MILWAUKEE

Sterling Metal Parts Co, 1454 Eighth av.Hanover 2173

DIE MAKERS AND METAL STAMPERS

NEW YORK

NEW YORK CITY

Moss Theo & Co (Blanking, forming, drawing and combination dies), 82 Broad, 1143 De-Kalb av, Bklyn.....Broad 912

DIE PRESSES—MFRS.

OHIO

DAYTON

Seybold Machine Co The, Louie and Garst .....Bell-Main 1149 Ohio State 3149

DIE SINKERS

ILLINOIS

CHICAGO

Eckebrecht O & Co 542 S Dearborn.....Harrison 3626

DIE SINKERS & ENGRAVERS

OHIO

CINCINNATI

Kuhnheim Henry C, 17 East Third.....Main 2527

DIE SINKERS FOR DROP FORGING & ORNAMENTAL WORK

CONNECTICUT

WALLINGFORD

Malmquist Bros, Hall av .....Wallingford 131-2

DIE SINKERS, STEEL AND BRASS STAMPS

ILLINOIS

CHICAGO

R & S Engraving & Die Works, 522 S Clinton .....Wabash 7571

OHIO

CINCINNATI

O'Connor James, Brandon bldg, 124 Government pl .....Canal 4815

DIE SINKING MACHINERY

NEW YORK

NEW YORK CITY

Keller Mechanical Engraving Co, 70 Washington, Bklyn .....Main 6770

DIE STEEL—NON-SHRINKING

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

DIE AND TOOL MAKERS

ILLINOIS

CHICAGO

Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 940

DIE TOOLS, SPECIAL MACHINERY

ILLINOIS

CHICAGO

Cicero Tool Works, 1233 S 52d av, Cicero, Ill P O.....Cicero 276

DIES

ILLINOIS

CHICAGO

Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Walsh Press & Die Co, 4709 W Kinzie.....Austin 589

MASSACHUSETTS

BOSTON

Boston Cutting Die Co, 202 A.....S Boston 919-W

MICHIGAN

DETROIT

Woodworth-Cook Tool Co, 765 Clay.....North 5009

NEW JERSEY

CAMDEN

Wolff Wm F Co Inc, 1125-27-29 Haddon av .....Camden 454

NEW YORK

NEW YORK CITY

Keller Mechanical Engraving Co, 70 Washington Bklyn .....Main 6770
Manufacturers Tool & Die Works 540 W 22d Chelsea 5256
Nelson Tool Co Inc, 781-3 E 142d.....Melrose 9832

OHIO

CINCINNATI

Acme Mfg Co 610-616 Baymiller.....West 4429

DIES, CUTTING

PENNSYLVANIA

PHILADELPHIA

Phila Consolidated Die Co The, 330 Race..Market 2109

DIES, JIGS AND FIXTURES

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

DIES, JIGS, AND TOOLS (MAKERS)

ILLINOIS

CHICAGO

Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Bersted Forming Tool Co, 768-771 Mather.Monroe 4675
Blomfeldt & Rapp Co, 108-128 N Jefferson.Monroe 3981
Excelsior Die & Tool Works, 625 W Jackson bl .....Monroe 5798
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017
Krebs Mfg Co, 341-349 E Ohio.....Superior 8611
Malm & Stahl Tool Works, 561 Washington bl.Main 4953
McMorran Edw E & Co, 126 N Union..Haymarket 66
Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941

MICHIGAN

DETROIT

Murphy Brothers, 75-85 Baltimore av, west..North 6414
Woodworth-Cook Tool Co, 765 Clay.....North 5009

WISCONSIN

MILWAUKEE

Wisconsin Tool & Supply Co, Enterprise bldg .....Grand 3449

DIES, JIGS, TOOLS AND FIXTURES

OHIO

DAYTON

Industrial Tool, Die & Engineering Co The, 322 rear East Fifth.....Main 1664
See our Catalog Space, page 1017

DIES, JIGS, TOOLS, MODELS, ETC.

OHIO

CINCINNATI

Ideal Machine & Tool Co The, 128-30 Opera pl.....Canal 4479

DAYTON

Dayton Reliance Tool & Mfg Co The, 818 E Monument av .....East 813

HAMILTON

Schlicter Manufacturing Co, 129 North B .....Bell-Hamilton 419-L Ohio State-1027-

DIES, JIGS—TOOLS AND SPECIAL MACHINERY

MICHIGAN

DETROIT

cme Manufacturing Co, 355-57 Howard...Cherry 6806

OHIO

COLUMBUS

apitol Die, Tool & Machine Co, 619-621 N 4th.....Ohio State 6326
odern Tool Die & Machine Co, 216 North 4th.....Bell-Main 5537 Ohio State 2517

DAYTON

ity Engineering Co The, Beaver Power bldg 4th & St Clair.....Bell-Main 6231 Ohio State 5390
ederal Tool & Machine Co The, 429 East Third.....Main 1370
iami Tool & Die Co The, Huffman and St Paul avs.....East 224

SPRINGFIELD

artin J E, 548 W State.....Ohio State 738
odgers George G Tools Works, 29 E Mulbery.....Main 985

IES LAMINATION, ETC.

WEST VIRGINIA

DUNBAR

rayson Tool & Mfg Co.....Dunbar 1998

IES—LETTERS & FIGURES—(STEEL) MNFRS.

NEW YORK

NEW YORK CITY

eene Fred H, 149 Church.....Barclay 7195

IES AND METAL SPECIALTIES

ILLINOIS

CHICAGO

rmand Machine Works, 548-550 W Lake...Main 260

OHIO

CINCINNATI

hite-Quehl Mfg Co, 429-31 E Pearl.....Canal 5359

IES, MODELS AND SPECIAL MACHINERY MANUFACTURERS

OHIO

CINCINNATI

nited Machinery Co The, 1042 Flint.....West 3009

IES—SELF OPENING

PENNSYLVANIA

BEAVER FALLS

eal Tool Mfg Co, 7th av.....Beaver Falls 671

IES—SELF-OPENING AND ADJUSTABLE

ILLINOIS

CHICAGO

odern Tool Co (R H Wood, Mgr), 32 N Clinton.....Main 2342

MICHIGAN

DETROIT

odern Tool Co (H T White, Mgr), Dime Bank bldg.....Cherry 1342

NEW YORK

NEW YORK CITY

Modern Tool Co (P B Oatman, Mgr), 2 Rector.....Rector 6639
Modern Tool Co (F Wesley, Mgr, Export Dept), 2 Rector.....Rector 6161

PENNSYLVANIA

ERIE

Modern Tool Co, 4th & State.....Erie 2140

DIES—SOLID ADJUSTABLE

ILLINOIS

CHICAGO

Modern Tool Co (R H Wood, Mgr), 32 N Clinton.....Main 2342

MICHIGAN

DETROIT

Modern Tool Co (H T White, Mgr), Dime Bank bldg.....Cherry 1342

NEW YORK

NEW YORK CITY

Modern Tool Co (F Wesley Parker, Mgr Export Dept), 2 Rector.....Rector 6161
Modern Tool Co (P B Oatman, Mgr), 2 Rector st.....Rector 6639

PENNSYLVANIA

ERIE

Modern Tool Co, 4th and State.....Erie 2140

DIES AND STAMPINGS

ILLINOIS

CHICAGO

Quadriga Mfg Co The, 213-221 W Grand av.....Superior 560

ROCKFORD

Rockford Metal Specialty Co, 720 S Main....Main 1066

DIES AND STAMPINGS, DROP FORGING DIES

ILLINOIS

CHICAGO

Moore & Company, 301 W Grand av....Superior 1819

DIES—STEEL RULE CUTTING

NEW YORK

NEW YORK CITY

Smith P F, 240-242 W 41st.....Bryant 2408

DIES AND TOOLS

ILLINOIS

CHICAGO

Alcor Mfg Co, 430 S Green.....Monroe 2388
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av.....Hyde Park 6509
Krag Franz K, 564 W Randolph.....Main 3336
Monarch Tool & Machinery Co 1901 S Western av.....Canal 820
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines.....Haymarket 1073
Signalite Mfg Co, 522 S Clinton.....Harrison 7763
Standard Die & Specialty Co, 169 N Jefferson.....Franklin 2502
Thompson & Bremer, 850 S Canal.....Wabash 6764
Western Tool & Machine Works, 127 N Wells.....Franklin 1218

ROCK ISLAND

Twin City Die & Tool Works, 4520-22 6th av.....Rock Isld 3243

ROCKFORD

B-E-S Tool & Mfg Co, 1 Pine.....Main 5147

OHIO

DAYTON

Central Tool & Die Co The, 8-10 N Canal...Main 9429

DIES, TOOLS AND DIE CASTING MOULDS

OHIO

TOLEDO

Jaxon Company The, 1010-1014 Jackson.....Bell-Main 6422 Ohio State-Main 1502

DIES—TOOLS—FIXTURES

OHIO

TOLEDO

City Machine & Tool Co, Factories bldg.....Main 8294

DIES—TOOLS, FIXTURES AND BAKELITE DIES

OHIO

DAYTON

Weinman C J Co The, 310 E 2d.....Bell-Main 9894 Ohio State 2990

DIES, TOOLS, JIGS, FIXTURES, STAMPING—DRAWING

NEW JERSEY

JERSEY CITY

Hudson Metal Mfg Co Inc, 141 R R av cor Barrow.....Montgomery 3788

DIES, TOOLS, JIGS & FIXTURES

MICHIGAN

DETROIT

National Production Co. cor Berlin & Bellevue.....Ridge 2549

MISSOURI

ST LOUIS

Omar Tool & Machine Co, 1828 N 17th..Tyler 1068

DIES, TOOLS AND SCREW MACHINE WORK

ILLINOIS

DE KALB

Kohler Die & Specialty Co, Cortland rd.....Main 58

DIES—TOOLS—SPECIAL MACHINERY

ILLINOIS

CHICAGO

Hoeft & Company Inc, 400 N Ashland av.....Monroe 2461

DIFFERENTIALS FOR AUTOS, TRUCKS AND TRACTORS

ILLINOIS

CHICAGO

Adler Mfg Co., 2407-11 W Ohio.....Seeley 703

DINING CAR SUPPLIES

ILLINOIS

CHICAGO

Stearnes Company The, 215 N Michigan av ..... Randolph 4318

DINING ROOM FURNITURE

PENNSYLVANIA

GETTYSBURG

Gettysburg Furniture Co ..... Bell-Gettysburg 127 Independent-178-W

DINNERWARE DECORATED AND WHITE SETS (ALL SIZES)

OHIO

SEBRING

Limoges China Company The ..... Bell-Sebring 16 Ohio State 40

DIRECT ADVERTISING

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl ..... Harrison 83
See our Catalog Space, page 908

DIRECT ADVERTISING MAIL

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison ..... Wabash 2141

DIRECT CAMPAIGNS

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl ..... Harrison 83
See our Catalog Space, page 908

DIRECTORIES

NEW YORK

NEW YORK CITY

Wendel H F (Guide of 200,000 Manufacturers: List of 2,000 Export-commission houses; List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau ..... Cortland 7630

DIRECTORIES (OFFICE BUILDING)

CALIFORNIA

SAN FRANCISCO

Building Directory Co (Directories sold outright and Service maintained), 660 Market Street ..... Douglas 4215

Tablet & Ticket Co The, 111 New Montgomery ..... Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams. Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway .. Franklin 2411

DIRECTORY OF ADVERTISERS WITH SERVICE

NEW YORK

NEW YORK CITY

McKittrick George Co, 108 Fulton st ..... John 2536

DIRECTORY PUBLISHERS

CALIFORNIA

SAN FRANCISCO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Monadnock bldg ..... Garfield 247

CONNECTICUT

NEW HAVEN

Price & Lee Co, 246-248-250 Meadow .... Liberty 8274

GEORGIA

ATLANTA

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Candler bldg ..... Ivy 3984

ILLINOIS

CHICAGO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 633 Plymouth ct ..... Harrison 7401

INDIANA

INDIANAPOLIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Lemcke bldg ..... Main 4681

MASSACHUSETTS

BOSTON

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Kimball bldg ..... Main 4149

MICHIGAN

DETROIT

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Penobscot bldg ..... Cherry 1381

MINNESOTA

MINNEAPOLIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), McKnight bldg ..... Bell-Main 3824 Tri State 32173

MISSOURI

ST LOUIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 211 N 7th ..... Olive 2330

NEW YORK

BUFFALO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Niagara Life bldg ..... Seneca 26

NEW YORK CITY

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 227 Fulton ..... Cortland 12084

OHIO

CINCINNATI

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Mercantile Library bldg ..... Main 258

PENNSYLVANIA

PHILADELPHIA

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Commonwealth Trust bldg ..... Walnut 211

PITTSBURGH

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Park bldg ..... Grant 5839

WISCONSIN

MILWAUKEE

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Majestic bldg ..... Grand 511

DISH WASHING MACHINES

ILLINOIS

CHICAGO

Kitchen Service Co, 37 W Vanburen .... Harrison 8417

DISH WASHING MACHINES (MFRS.)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

DISINFECTANTS

ILLINOIS

CHICAGO

Central City Chemical Co, 1752-56 Kimball av ..... Belmont 1295

Robertson Theo B Products Co Inc, 700-704 W Division ..... Diversey 4110

MASSACHUSETTS

BOSTON

Rumpf W A, (Mrs "Sulpholia") 157 Federal. Main 1500

MINNESOTA

MINNEAPOLIS

McLaughlin Gormley King Co, 1715 Fifth S E ..... Bell-East 643 Tri State 41295

MISSOURI

KANSAS CITY

K C Disinfecting & Mfg Co, 112-14 W 7th ..... Bell-Main 707 Home-Main 775

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl ..... Rector 600
Brown's Insecticide Co, 204 East 44th .. Murray Hill 2271
Carbola Chemical Co, 7 East 42d ..... Murray Hill 6930
Clifton Chemical Co, 317-319 Greenwich ... Worth 1680
Dusenberry's "Creoleum" & "Mothaline" 95 Gold ..... Beekman 2324
Federal Supply & Mfg Co Inc The, 2 Stone. Broad 2433
Frank P M Disinfecting Co, 91 Bleecker .. Spring 8250
Ideal Disinfectant Co, 10 E 38th ..... Vanderbilt 4691
Ortner Charles, 310 W 125th ..... Morngside 6904

OHIO

CLEVELAND

Chamberlain Haber Chemical Co. 1625 Prospect ..... Prospect 2148
Hunt Mfg Co The, 3335 Broadview rd .... Harvard 148

PENNSYLVANIA

PITTSBURGH

Duquesne Polish Co, 78 S 13th S S .... Hemlock 162

WILKINSBURG

Girard Chemical Co, 501 Penwood av .. Franklin 1378-R

DISINFECTANTS AND INSECTICIDES

PENNSYLVANIA

PHILADELPHIA

ictory Chemical Co, "Quick Death", 312 N 15th ..... Spruce 3605

DISINFECTANTS & PIPE CLEANERS

MINNESOTA

ST PAUL

eal Sanitary Supply Co, 504 N Snelling ..... Bell-Midway 5594 Tri State 81288

DISINFECTING OF ALL KINDS

PENNSYLVANIA

PITTSBURGH

estern Disinfecting Co, 929, 5th av..... Forbes 1482

ISPLAY BOARDS—WRENCHES

MASSACHUSETTS

WORCESTER

alden-Worcester Inc, 72 Commercial..... Park 1159

ISPLAY CARDS

ILLINOIS

CHICAGO

Aleer Show Card Service 66 W WashingtnCentrl 6760

ISPLAY CASES

INDIANA

KENDALLVILLE

ecialty Display Case Co..... Kendallville 667

ISPLAY EASELS & RACKS

NEW YORK

NEW YORK CITY

itler Kurt, 221, 4th av..... Stuyvsnt 7594

ISPLAY FIXTURES

NEW YORK

NEW YORK CITY

dsmith M Co, 140-42-44 Stockton Bklyn ..... Williamsburg 2251
elty Wire Works, 840 Broadway.... Stuyvsnt 1190

PENNSYLVANIA

PHILADELPHIA

kler S Figure Co The, 329 Market ..... Bell-Market 4107 Keystone-Main 1724
uss Wm, 416 Arch ..... Bell-Market 731 Keystone-Main 3567

SPLAY FIXTURES, DISPLAY FORMS, RACKS, ETC.

NEW YORK

NEW YORK CITY

onal Hanger & Fixture Mfg Co Inc "Faultless" (For Men's, women's and children's wear), 496 498 E 134th ..... Melrose 4555

DISPLAY FIXTURES & FORMS

NEW YORK

NEW YORK CITY

O K Display Fixture Co (High Grade enameled and Jersey forms), 37-47 Broome ..... Orchard 8034

PENNSYLVANIA

PHILADELPHIA

Melzer S M Co, 915 Filbert..... Bell-Walnut 4267
..... Keystone-Race 3476

DISPLAY FIXTURES AND FORMS, ENAMEL AND PAPIER MACHE

NEW YORK

NEW YORK CITY

Starkman K 798 Myrtle av, Bklyn..... Wmsburg 1340

DISPLAY FORMS

NEW YORK

NEW YORK CITY

Kindlimann Jacob Form Co The, 419-421 Broome ..... Spring 8287

DISTILLED WATER APPARATUS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton.... Franklin 5545
See our Catalog Space, page 1022

DISTILLING APPARATUS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts..... Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av... Vanderbilt 1719

DISTILLING PLANTS

NEW YORK

NEW YORK CITY

Row & Davis Engineers Inc, 140 Cedar.... Rector 9135

DISTRIBUTING AGENTS

NEW YORK

BUFFALO

Vieregg Advertising Service (Special Deliveries to Druggists & Professionals) 51 Franklin ..... Seneca 926-W

DISTRIBUTION AND STORAGE OF MERCHANDISE

CALIFORNIA

LOS ANGELES

Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg ..... Manual-Main 381 Home 4814
See our Catalog Space, page 1011

DISTRIBUTORS

ILLINOIS

CHICAGO

American Posting Service, 757 W JacksonblMonroe 1963
Bartcher Adam J Perfect Distributing Service (The), 739 E 43d..... Drexel 6166
See our Catalog Space, page 941

NEW YORK

NEW YORK CITY

Rowan Richard J (Advertising Matter of all kinds), 4215 Third av, cor Tremont av. Tremont 2051

DISTRIBUTORS OF MDSE. & ADVERTISING MATTER

DISTRICT OF COLUMBIA

WASHINGTON

Dime Messenger Service Inc (Robt Kressin, Mgr), 717, 12th st N W..... Main 5120

PENNSYLVANIA

PHILADELPHIA

National Delivery Service Co (Our service delivers anything, anywhere in the U S. Write us for rates), 12th & Locust sts..... Filbert 3872

DISTRIBUTORS AND HAULERS OF CARLOAD SHIPMENTS

OKLAHOMA

OKLAHOMA CITY

O-K Transfer & Storage Co, First and Hudson. P B X 83
See our Catalog Space, page 1011

DISTRIBUTORS, NATIONAL (ADVERTISING MATTER, SAMPLES)

WISCONSIN

MILWAUKEE

Reliance Advertising Agency, Merchants & Mnfrs Bank bldg..... Grand 2486

DIVERS

MASSACHUSETTS

BOSTON

Sullivan & Whelton, 18 N Market..... Richmond 1792

NEW YORK

NEW YORK CITY

Interocean Submarine Engineering Company Inc, 120 Broadway..... Rector 3467
Merritt & Chapman Derrick & Wrecking Co, 17 Battery pl..... Rector 820

DIVERS, LIGHTERAGE, TOW BOATS, WRECKERS

CONNECTICUT

NEW LONDON

Scott T A Inc The, 292 Pequot av.. New London 1052

DOCKS—BUILDERS

ILLINOIS

CHICAGO

Raymond Concrete Pile Co, 111 W Monroe. Central 3012

MARYLAND

BALTIMORE

Raymond Concrete Pile Co, Munsey bldg.. St Paul 7074

MASSACHUSETTS

BOSTON

Raymond Concrete Pile Co, Exchange bldg ..... Fort Hill 4276

DOCKS—BUILDERS—CONT'D.

MISSOURI

KANSAS CITY

Raymond Concrete Pile Co, 1012 Baltimore av ..... Main 3855

NEW YORK

NEW YORK CITY

Raymond Concrete Pile Co, 90 West..... Rector 1921
Spooner Allen N & Son Inc, Pier 11 North River ..... Rector 1331

OHIO

CLEVELAND

Raymond Concrete Pile Co, 1836 Euclid av ..... Prospect 2210

OREGON

PORTLAND

Raymond Concrete Pile Co, Pittock bldg..Brdway 232

PENNSYLVANIA

PHILADELPHIA

Raymond Concrete Pile Co, Finance bldg..Spruce 2533

PITTSBURGH

Raymond Concrete Pile Co, Union Bank bldg.Court 1436

DOCK BUILDERS—PILE DRIVERS

NEW YORK

NEW YORK CITY

Tilley Harry H, 258 E 138th..... Melrose 667

DOG KENNELS BOARDING EXPERT TRIMMER AND HANDLER

MICHIGAN

DETROIT

Golden Rule Kennels, rear 176 Bagg..... Grand 4624

DOLL MNFRS.—FINEST HIGH GRADE COMPOSITION

ILLINOIS

CHICAGO

Raleigh Jessie McCutcheon, 1280 Clybourn av ..... Lincoln 6263

DOLL MNFRS.—UNBREAKABLE DOLLS

NEW YORK

NEW YORK CITY

Federal Doll Mfg Co Inc, 663 Broadway..Spring 865

DOLLS, UNBREAKABLE

NEW YORK

NEW YORK CITY

Elektra Toy & Novelty Co, 400 Lafayette..Spring 9961
Ideal Novelty & Toy Co, 273-87 Van Sinderen av Bklyn..... East New York 2600
Modern Toy Co Inc, 181 Belmont av Brklyn ..... East N.Y. 1646

DOLLS, UNBREAKABLE, MNFRS. DOLL HEADS AND HANDS

NEW YORK

NEW YORK CITY

Interborough Doll Co, 176-178 Wooster.... Spring 7624

DOLLS' WIGS, MNFRS.

ILLINOIS

CHICAGO

Delavan S E, 24 W Washington..... Randolph 1756

DOMUS—STEEL

ILLINOIS

CHICAGO

Pressed Steel Products Co The, 14 E Jackson bl ..... Harrison 613

DOOR APPLIANCES (CRANE)

ILLINOIS

CHICAGO

Chicago Millwright & Pulley Co (To open, close and fasten crane doors), 940 W Lake ..... Haymarket 1161

DOOR CHECKS—MANUFACTURERS

ILLINOIS

CHICAGO

Keep Hardware Mfg Co, 618 S Canal.... Harrison 5453

DOOR FASTENERS

WISCONSIN

RACINE

Racine Iron & Wire Works, Prospect cor Superior ..... Racine 1254

DOOR SADDLES, ELEVATOR AND OTHER DOORS, SAFETY

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50 Church ..... Cortland 7444

DOORS, COLD STORAGE AND ICE CHUTES

PENNSYLVANIA

CHESTER

Stevenson Cold Storage Door Co (Self-Closing Doors, Standard Doors, Windows), 1500 W 4th..... Chester 206-M

DOORS, COMBINATION, STORM AND SCREENS

WISCONSIN

FOND DU LAC

Combination Door Company, 180-188 Ruggles ..... Fond du Lac 1430

DOORS, FRENCH, OPERATORS AND STAYS

MISSOURI

ST LOUIS

Monarch Metal Weather Strip Co The, Bell-Lindell 5420
4121 Forest Park bl..... Kinloch-Delmar 485
See our Catalog Space, page 1023

DOORS SASH AND BLINDS

ALABAMA

MOBILE

Turner F C & Co, 164 N Water..... Bell 1000

DOORS, SASH AND GENERAL SPECIAL MILLWORK

TEXAS

WACO

Waco Sash Door Co, 24th and Mary..... Waco 885

DOORS AND WINDOWS, BRONZE AND COPPER COVERED

MARYLAND

BALTIMORE

Vaile & Young, Calvert and Beaufort..... St Paul 4713

DOWELS, WOOD

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st..... Canal 3137
See our Catalog Space, page 1026

INDIANA

SOUTH BEND

Stephenson Mfg Co, 168 E Tutt..... Main 201

DOWELS—WOOD, (WHITE BIRCH, MAPLE, ASH, OAK, ETC.)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av..... Greeley 4820

DRAFTING AND DESIGNING

ILLINOIS

CHICAGO

Libby, Parrish & Huls, 327 S LaSalle.... Harrison 384
See our Catalog Space, page 946

PENNSYLVANIA

PITTSBURGH

General Engineering & Drafting Co, (Drawings, Facings any description, Patents developed) Empire bldg..... Court 1150

DRAFTING FURNITURE, TABLES, CABINETS, BOARDS, ETC.

NEW YORK

ROCHESTER

American Drafting Furniture Co, 14 Railroad.Chase 4410

DRAFTING ROOM FURNITURE & SUPPLIES

CALIFORNIA

SAN FRANCISCO

Pease C F Company The (W P Balderston, West Rep) 235 Montgomery ..... Kearney 2354

ILLINOIS

CHICAGO

Pease C F Company The, 213-231 Institute pl ..... Superior 9475
Pease C F Company The, 166 W Adams.. Franklin 862

NEW YORK

NEW YORK CITY

Pease C F Company The (T K Murney, East Sales Mgr) 30 Church ..... Cortland 684

WASHINGTON

SEATTLE

Pease C F Company The (Chas E Barteau, (N W Rep), Central bldg ..... Elliott 2332

DRAFTING SUPPLIES

OHIO

DAYTON

Dayton Blue Print & Supply Co The, 36-38 S Jefferson ..... Bell-Main 358, Ohio State 4858

DRAFTSMEN

ILLINOIS

CHICAGO

King R D, Monadnock blk ..... Wabash 4897

NEW YORK

NEW YORK CITY

Engineers' & Contractors' Drafting Co, 10 E 43d ..... Murry Hill 1197
Senior Geo A, 2 Rector ..... Rector 3162

WISCONSIN

MILWAUKEE

Otto F A, 133 2d ..... Grand 2504

DRAFTSMEN ENGINEERS AND DESIGNERS

ILLINOIS

CHICAGO

Cox Albert S, 127 N Dearborn ..... Randolph 5693

DRAFTSMEN AND EQUIPMENT ENGINEERS

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av ..... East 234

DRAG LINES & DREDGES

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle ..... Majestic 7396

DRAIN TILES

INDIANA

PORTLAND

Portland Drain Tile Co ..... Portland 364

DRAPERIES

ILLINOIS

CHICAGO

Maxwell S A & Co, 74 E Randolph ..... Randolph 5220
Richardson O W & Co, Wabash av and Congress ..... Harrison 6931

DRAPERIES, WHOLESALE AND RETAIL

ILLINOIS

CHICAGO

Weinberg Julius, 1459-61 Milwaukee av.. Humboldt 1083

DRAPERY HARDWARE

NEW YORK

NEW YORK CITY

Judd H L Co, 87 Chambers ..... Worth 3086

DRAUGHTSMEN (SEE DRAFTSMEN)

DRAW PLATES, BEADING PLATES AND SMALL TOOLS

NEW JERSEY

NEWARK

Kienzle & Hahn, 54 E Kinney ..... Market 2249-J

DRAWING INSTRUMENT MNFRS.

PENNSYLVANIA

SCRANTON

Technical Supply Co, 434 Wyoming av. Scranton 4200

DRAWING MATERIALS

ILLINOIS

CHICAGO

Huey Co The, 59 E Adams ..... Harrison 4640

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade. Worth 600

PENNSYLVANIA

SCRANTON

Technical Supply Co, 434 Wyoming av. Scranton 4200

WISCONSIN

MILWAUKEE

Otto F A, 133, 2d ..... Grand 2504

DRAWING PENCILS

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade ..... Worth 600

DRAYING—FORWARDING AND EXPORTING

CALIFORNIA

SAN FRANCISCO

McNab & Smith, 38 Davis ..... Douglas 2131

DREDGE PIPE, STACKS & TANKS

PENNSYLVANIA

LANCASTER

Lancaster Iron Works Inc, Hager & Prince ..... Bell-Lancaster 2, Independent 272

DREDGE PIPE—STEEL

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church. Cortland 6424

DREDGE AND STEAM SHOVEL NECESSITIES

ILLINOIS

CHICAGO

Gatke, Thomas L, 80 E Jackson bl ..... Harrison 3268

DREDGES

MICHIGAN

BAY CITY

Bay City Dredge Works ..... Bay City 602

DREDGING

PENNSYLVANIA

PHILADELPHIA

American Dredging Co, 308 Chestnut.... Lombard 4243

DREDGING CONTRACTORS

MINNESOTA

DULUTH

Northern Dredge & Dock Co, Providence bldg ..... Bell-Melrose 2200, Zenith-Grand 555

DREDGING AND DRAINAGE CONTRS—HARBOR IMPROVEMENTS

GEORGIA

SAVANNAH

Globe Dredging Co, Savannah Bk & Trust bldg ..... Savannah 2605

DREDGING MACHINERY

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle ..... Majestic 7396

DRESS FASTENERS

NEW JERSEY

HARRISON

Grip Right-Spring Dress Fastener Co, 429 Harrison av ..... Harrison 1015

NEW YORK

NEW YORK CITY

Bird Fastener Co Inc The, 1133 Broadway ..... Farragut 3778

DRESS FASTENERS—FOR SKIRTS AND DRESSES

NEW YORK

NEW YORK CITY

King James E & Co, 1133 Broadway.... Farragut 3778

DRESS FORMS, ADJUSTABLE AND OTHER STYLES

NEW YORK

NEW YORK CITY

Kayes Manufacturing Company Inc, 496-198 E 134th.....Melrose 4555

DRESS GOODS FOREIGN AND DOMESTIC

NEW YORK

NEW YORK CITY

Merz Franz, 257, 4th av.....Gramercy 5301

DRESS MANUFACTURERS

NEW YORK

NEW YORK CITY

International Apparel Co, 37-39 West28th.Farragut 3905
See our Catalog Space, page 942

DRESS SHIELDS—ALL KINDS

CALIFORNIA

SAN FRANCISCO

Omo Mfg Co (De Graff & Palmer) 50 Sansome .....Sutter 6120

COLORADO

DENVER

Omo Mfg Co (DeGraff & Palmer) Foster bldg .....Champa 2492

CONNECTICUT

MIDDLETOWN

Omo Mfg Co The, 51 Walnut.....Middletown 1163

ILLINOIS

CHICAGO

Omo Mfg Co (DeGraff & Palmer) 223 W Jackson bl .....Wabash 4123

MASSACHUSETTS

BOSTON

Omo Mfg Co (DeGraff & Palmer) 67 Chauncey .....Beach 380

NEW YORK

NEW YORK CITY

Omo Mfg Co (DeGraff & Palmer) 881 Broadway .....Gramercy 267

DRESS SUITS TO RENT

ILLINOIS

CHICAGO

Schaffer T C, "Big Gun" Brand, 130 N State .....Central 4875

DRESS TRIMMINGS (ROSEBUD & RIBBON FLOWER)

NEW YORK

NEW YORK CITY

Star Flower Trimming Co, 44 E 23d...Gramercy 1096

DRESS TRIMMINGS & BIAS BINDINGS

NEW YORK

NEW YORK CITY

Freydberg Bros Inc, 44-46-48 W 18th....Chelsea 4341

DRESS TRIMMINGS, CORDS, TASSELS, FRINGES

NEW YORK

NEW YORK CITY

Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078

DRESS TRIMMINGS & FLOWER TRMGS., TASSELS, ORNAMENTS

NEW YORK

NEW YORK CITY

Rosenblum & Co, 42 W 18th and 45 W 17th .....Farragut 5884

DRIERS—GRAIN

ILLINOIS

CHICAGO

Ellis Drier & Elevator Co The, 140 W Van Buren .....Harrison 6693

PENNSYLVANIA

HANOVER

Fitz Water Wheel Co.....Bell-Hanover 83-R
.....Independent 13-Y

DRILL CHUCKS

ILLINOIS

CHICAGO

Narragansett Machine Co, Monadnock blk.Harrison 1598

RHODE ISLAND

PAWTUCKET

Narragansett Machine Co, Vale.....Pawtucket 747

DRILL HEADS—AUXILIARY

ILLINOIS

FREEPORT

Hoefer Mfg Co, 155 Chicago.....Main 56

OHIO

CINCINNATI

Covington Multiple Drill Co The, 2449-55 W McMicken av.....West 3192

DRILL RODS—HIGH SPEED AND CARBON

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

DRILLERS—CORE

NEW YORK

NEW YORK CITY

Pennsylvania Drilling Co, Whitehall bldg..Rector 5993

PENNSYLVANIA

PITTSBURGH

Pennsylvania Drilling Co, 1812 W Carson.Walnut 83

DRILLING—CONTRACTORS

PENNSYLVANIA

PITTSBURGH

Pennsylvania Drilling Co, 30 Carson....Hemlock 305

DRILLING MACHINES

ILLINOIS

ROCKFORD

Rockford Drilling Machine Co, 210 Catharine.Main 138

INDIANA

RICHMOND

National Automatic Tool Co The (Natco Multiple Drill) 7th & South N.....Richmond 2833

MICHIGAN

DETROIT

Detroit Tool Co, 1483 St Antione.....North 4847

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre .....Canal 642
Terminal Machine Co, 406-408 Broome...Cortland 3169

DRILLING MACHINES—GANG

ILLINOIS

FREEPORT

Hoefer Mfg Co, 155 Chicago.....Main 56

ROCKFORD

Barnes W F & John Co.....Main 167

DRILLING MACHINES POST

ILLINOIS

CHICAGO HEIGHTS

Canedy-Otto Mfg Co.....Chicago Heights 36

DRILLING MACHINES RADIAL

ILLINOIS

CHICAGO HEIGHTS

Canedy-Otto Mfg Co.....Chicago Heights 36

DRILLING MACHINES—SENSITIVE

MASSACHUSETTS

WORCESTER

Reed Francis Co, 43 Hammond.....Park 5772-W

DRILLING MACHINES—SPECIAL

ILLINOIS

FREEPORT

Hoefer Mfg Co, 155 Chicago.....Main 56

DRILLING MACHINES UPRIGHT

ILLINOIS

CHICAGO HEIGHTS

Canedy-Otto Mfg Co.....Chicago Heights 36

FREEPORT

Hoefer Mfg Co, 155 Chicago.....Main 56

ROCKFORD

Barnes W F & John Co.....Main 167

INDIANA

AURORA

Aurora Tool Works The, 308 Exporting....Aurora 4

SOUTH BEND

Sibley Machine Company, 217 E Sample ..... Main 162

DRILLS, BRICK & STONE

ILLINOIS

CHICAGO

Star Expansion Bolt Co, 120 W Lake.....Main 2649

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar.....Rector 4655

DRILLS—COAL

OHIO

COLUMBUS

Jeffery Mfg Co The, 927 N Fourth.....North 2360

DRILLS—DIAMOND CORE

ILLINOIS

CHICAGO

Standard Diamond Drill Co, First Natl Bank bldg .....Central 2370

DRILLS DIAMOND AND USED MACHINERY OF ALL KINDS

MONTANA

HELENA

Helena Machinery & Junk Co, 1350 National av .....Helena 551

DRILLS (ELECTRIC) FOR METAL & WOOD WORK

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church.....Cortland 251

DRILLS (ELECTRIC) FOR STONE, METAL AND WOOD

NEW YORK

NEW YORK CITY

Electro-Magnetic Tool Co, 426 Broome....Spring 7086

DRILLS, PORTABLE ELECTRIC

MARYLAND

BALTIMORE

Black & Decker Mfg Co, The, 105-15 S Calvert .....St Paul 894

DRILLS—RE-CUT

MICHIGAN

DETROIT

Detroit Reamer Salvage Co, 822 Warren av W.....Walnut 3776

DRILLS (CHAIN) SAW & BENCH VISES

OHIO

CLEVELAND

Buckeye Mfg & Foundry Co, 2046 W 55th .....Edgewater 420-J

DRILLS—STAR, BRICK, ROCK, TRACK, MARBLE

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

DRILLS—STAR, BRICK & ROCK

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-16 W Grand av .....Superior 3674

DRILLS—TWIST, CARBON AND HIGH SPEED

ILLINOIS

CHICAGO

Whitman & Barnes Mfg Co The (J C Scanlon, agt) 565 W Washington....Franklin 2210

ROCKFORD

Star Bit & Tool Co The, 1016 Ninth.....Main 5802

MICHIGAN

DETROIT

Fisher Tool & Supply Co, 40-42 Larned E .....Cherry 3980

Whitman & Barnes Mfg Co The (C D Eno, agt) 60 Moore pl.....Walnut 2631-M

NEW YORK

NEW YORK CITY

Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade.....Worth 3270

OHIO

AKRON

Whitman & Barnes Mfg Co The, 114 East Buchtel av.....Bell-Main 5080 Ohio State 2148

ALLIANCE

Buckeye Twist Drill Co The, West Ely.Bell-Alliance 791 .....Ohio State 3146

PENNSYLVANIA

PITTSBURGH

Whitman & Barnes Mfg Co The (R S Carter, Rep), 416, 8th Oakmont.....Oakmont 161

DRILLS, TWIST, CARBON HIGH SPEED REAMERS AND TAPS

MISSOURI

ST LOUIS

Heimbuecher Jno H Metals Co (National), 514 N 3d.....Bell-Main 1037 Kinloch-Central 2382

DRINKING FOUNTAINS AND BUBBLERS, SANITARY

ILLINOIS

BELLEVILLE

Twentieth Century Brass Works.....Belleville 182

DRINKING STRAWS & TOOTH PICKS, INDIVIDUALLY WRAPPED

NEW YORK

NEW YORK CITY

American Toothpick Co, 138 Sumpter Bklyn .....East N Y 5879

DRINKING WATER SYSTEMS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545

See our Catalog Space, page 1022

DRIVE ANCHORS

NEW YORK

SKANEATELES

Universal Cable Grip Co.....Skaneateles 201

See our Catalog Space, page 934

DROP FORGE DIES

ILLINOIS

CHICAGO

Cochran Pipe Wrench Mfg Co, 7544 S Chicago av .....Hyde Park 6509

DROP FORGINGS

CONNECTICUT

NEW HAVEN

Grant Hammond Manufacturing Corporation, Grant .....Liberty 3531

ILLINOIS

CHICAGO

Cochran Pipe Wrench Mfg Co, 7544 S Chicago av ..... Hyde Park 6509

Octigan Drop Forge Co, 25th & Lowe av..Boulevard 8414

See our Catalog Space, page 943

Whitman & Barnes Mfg Co The, 1000 West 120th .....Pullman 215

MASSACHUSETTS

SPRINGFIELD

Harley Company The, Page Boulevard.....River 910

NEW YORK

AUBURN

Clapp E D Mfg Co The (Automobile, Carriage, Aeroplane and Special Forgings), 305 Genesee .....Auburn 187

BUFFALO

Buffalo Drop Forge Co, 53-59 Carroll....Seneca 2174

General Drop Forging Co, 1738 Elmwd av...North 274

OHIO

CLEVELAND

Champion Machine & Forging Co The, 3695 E 78th.....Broadway 904

PENNSYLVANIA

ALLENTOWN

Bonney Vise & Tool Works Inc .....Bell-Allentown 417 Keystone-Consolidated 6680

SCRANTON

Scranton Forging Co, Green Ridge cor Albright av .....Bell-Scranton 2435 Consolidated 1005

WISCONSIN

MILWAUKEE

Obenberger John Forge Co, Burnham and 53d av West Allis.....West Allis 514

See our Catalog Space, page 956

DROP FORGINGS & CHAIN PIPE WRENCHES

NEW JERSEY

JERSEY CITY

Drop Forging Company of New York The, 301 West Side av.....Bergen 1168

DROP FORGINGS, ROUGH AND MACHINED

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

DROP PIT JACKS FOR LOCOMOTIVE ROUND HOUSES

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo Spring to Bell-Shreveport 851
Commerce .....Home-Shreveport 679

DROSSES

ILLINOIS

CHICAGO

Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615

NEW YORK

NEW YORK CITY

Central Smelting & Refining Co, 137th and Rider av .....Melrose 4185

DRUG BOXES

GEORGIA

ATLANTA

National Paper Co Simpson, Elliott & Tyler and Sou Ry.....Main 1163

DRUG BROKERS

NEW YORK

NEW YORK CITY

Huisking Chas L Inc, 5 Platt.....John 6186
Lincoln John W & Co, 106 Wall.....John 298
Lyon Julian W, 99-101 Beekman.....Beekman 3040
Taylor B E Company, 56 Pine.....John 5894

DRUG IMPORTERS

ILLINOIS

CHICAGO

McLaughlin Gormley King Co (Cooper & Shuesler) 8 S Dearborn.....Central 8020

MINNESOTA

MINNEAPOLIS

McLaughlin Gormley King Co, 1715 Fifth S E.....Bell-East 643 Tri State 41295

MISSOURI

ST LOUIS

McLaughlin Gormley King Co, Pierce bldg .....Bell-Olive 4551 Kinloch-Central 1057

NEW YORK

NEW YORK CITY

McLaughlin Gormley King Co, 207 Pearl....John 536
Stallman Arthur & Co (Crude drugs, herbs, roots, seeds, spices), 282 Pearl Beekman 4714

DRUG IMPORTERS—CRUDE, GROUND AND POWDERED

NEW YORK

NEW YORK CITY

Anderson P E & Co Inc, 99 John.....Beekman 1820

DRUG IMPORTERS AND EXPORTERS

ILLINOIS

CHICAGO

Lathrop H R & Co Inc, (Merz & Co) 35 W Kinzie .....Randolph 5115

MISSOURI

KANSAS CITY

Lathrop H R & Co Inc (A S Barada & Co), 2018 Guinotte av.....Bell-Main 1757 Home-Main 9099

ST LOUIS

Lathrop H R & Co Inc, (A S Barada Co), Wright bldg.....Olive 5222

NEW YORK

BUFFALO

Lathrop H R & Co Inc, (W H F Tenny) Coal & Iron Exchange.....Seneca 1945-W

NEW YORK CITY

Edgertyn Aniline Corporation, 118 William .....Beekman 964
Lathrop H R & Co Inc, 110-116 Beekman.Beekman 2836

PENNSYLVANIA

PHILADELPHIA

Lathrop H R & Co Inc, (Manufacturers Sales Co) Bulletin..... Bell-Walnut 5826
bldg .....Keystone-Race 2941

DRUG MILLERS

ILLINOIS

CHICAGO

McLaughlin Gormley King Co (Cooper & Shuesler) 8 S Dearborn .....Central 8020

MINNESOTA

MINNEAPOLIS

McLaughlin Gormley King Co, 1715 Fifth S E.....Bell-East 643 Tri State 41295

MISSOURI

ST LOUIS

McLaughlin Gormley King Co, Pierce bldg .....Bell-Olive 4551 Kinloch-Central 1057

DRUGS, PHARMACEUTICALS AND CHEMICALS

MINNESOTA

MINNEAPOLIS

Standard Medical Supply Co, 1006 W Lake .....Bell-Kenwood 5490 Tri State 51498

OHIO

TOLEDO

Reward Chemical Co The, 422 Beacon .....Collingwood 3317

PENNSYLVANIA

PHILADELPHIA

Breatho-O-Tol Co "Inhalers" 1309 Arch..Spruce 5075

DRUGS AND CHEMICALS

NEW YORK

NEW YORK CITY

Knauth Bros, 220, 4th av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

DRUG STORE FIXTURES, MFRS.

ILLINOIS

CHICAGO

Chicago Store & Office Fixture Co, 818-20 S Clinton .....Harrison 7308
Inter-Ocean Cabinet Co, 322, 326 S Paulina .....West 3319

MICHIGAN

DETROIT

Buckers J H Mfg Co, 65-73 Catherine.....Main 1674

DRUGGISTS' BOXES & LABELS

ILLINOIS

CHICAGO

Randolph Box & Label Co, 843 W VanB...Monroe 1677

MINNESOTA

ST PAUL

Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

DRUGGISTS' BRUSHES, MFRS.

PENNSYLVANIA

PHILADELPHIA

Eagle Brush Mfg Co (Patented Thoroughbrush) 218 N 4th.....Market 1797

DRUGGISTS' GLASSWARE, BOXES, CORKS, SUNDRIES

NEW YORK

NEW YORK CITY

Shannon & Fernheimer, 38 Murray.....Barclay 5987

DRUGGISTS PILL AND POWDER BOXES, SUNDRIES

ILLINOIS

CHICAGO

Hertle-Roberts Company, 552-570 W Harrison .....Wabash 918

DRUGGISTS' RUBBER SPONGES, BALLOONS, NOVELTIES

NEW YORK

NEW YORK CITY

Caldwell William & Co, 96 Warren.....Barclay 6265

DRUGGISTS' SPECIALTY MANUFACTURERS

NEW YORK

NEW YORK CITY

Peck Drug Specialty Co (Toothache Gum, Menthol Pencils and Inhalers, Styptics, Caustics, Prescription Powder Papers, etc) 143 Chambers .....Worth 4507

DRUGGISTS' SUNDRIES

ILLINOIS

CHICAGO

uller-Morrisson Co, 540 W Randolph..Franklin 1929

NEW YORK

NEW YORK CITY

merican Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
achr Eugene B 26 E 22nd.....Gramercy 3271
osin Co The, 30 E 23d.....Gramercy 3615

DRUGGISTS' SUNDRIES, (WHOLESALE)

NEW YORK

NEW YORK CITY

ewis Chemical Co, 297 Church.....Franklin 5451

DRUGGISTS' SUNDRIES AND GLASSWARE

NEW YORK

NEW YORK CITY

auth Bros, 220, 4th av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

DRUGGISTS—WHOLESALE

ILLINOIS

CHICAGO

ller-Morrisson Co, 540 W Randolph..Franklin 1929

MINNESOTA

ST PAUL

ves Bros & Cutler Inc, Park Sq ..... Bell-Cedar 3310 Tri State 22841

NEW YORK

NEW YORK CITY

erican Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
avel Company, 13-21 Park Row.....Barclay 8430

ROCHESTER

ne Drug Co The, 24 and 26 Main East.....Main 713

DRUM DRYERS—ATMOSPHERIC

NEW YORK

BUFFALO

falo Foundry & Machine Co, 25 Winchester av .....Oxford 40

DRUM DRYERS—VACUUM

NEW YORK

BUFFALO

alo Foundry & Machine Co, 25 Winchester av .....Oxford 40

DRUMMERS SUPPLIES

ILLINOIS

CHICAGO

vig & Ludwig, 1611-13 N Lincoln.Humboldt 4569

DRUMS (STEEL)

CALIFORNIA

SAN FRANCISCO

ed Steel Products Co The, 503 Market .....Sutter 2341

NEW YORK

NEW YORK CITY

Pressed Steel Products Co The, 50 Church .....Cortland 3492

PENNSYLVANIA

PITTSBURGH

Pressed Steel Products Co The, Frick bldg.Grant 5157

SHARON

Pressed Steel Products Co The, Sharon .....Petroleum O 791

DRUMS, MUSICAL MNFRS.

ILLINOIS

CHICAGO

Ludwig & Ludwig, 1611-13 N Lincoln st .....Humboldt 4569

DRUMS & DRUMMER'S SUPPLIES

ILLINOIS

CHICAGO

Dixie Music House The, 105 W Madison.Randolph 962

DRUMS & MUSICAL INSTRUMENT PARTS

ILLINOIS

CHICAGO

Wilson Bros Mfg Co, 218-222 N May....Monroe 1394

DRY CELL BATTERIES

ILLINOIS

DUNDEE

Universal Carbon Co.....Interstate 45-W

DRY CLEANERS OF LADIES' AND MENS' HATS

OHIO

CINCINNATI

Morand John T, 9th and Vine.....Canal 388

DRY CLEANERS & LAUNDRY MACHINERY

OHIO

TOLEDO

Schwan Machinery Co, 1008 Monroe .....Ohio State-Main 4331

DRY CLEANING AND GARMENT PRESSING MACHINES

OHIO

CINCINNATI

Daly Mfg Co, 225 W 4th.....Main 4728

DRY COLOR MFRS.

ILLINOIS

CHICAGO

Herrmann Morris & Co, 1501 S Peoria.....Canal 2770

NEW YORK

NEW YORK CITY

Herrmann Morris & Co, 200 Fifth av...Gramercy 3395

DRY COLORS

MASSACHUSETTS

BOSTON

Frothingham Chas R, 10 High.....Fort Hill 5214

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

DRY DOCKS

TEXAS

GALVESTON

Galveston Dry Dock & Construction Co..Galveston 96

DRY GOODS

MASSACHUSETTS

BOSTON

Chandler & Co Inc, 150 Tremont.....Beach 1700

NEW YORK

NEW YORK CITY

Mills & Gibb Corporation, 4th av and 22d .....Gramercy 5560

DRY GOODS STORE FIXTURES MFRS.

ILLINOIS

CHICAGO

Chicago Store & Office Fixture Co, 818-20 S Clinton .....Harrison 7308

DRYER EQUIPMENT (GRAIN, STARCH, ETC.)

WISCONSIN

MILWAUKEE

Galland-Henning Mfg Co, 26th av and Layton Park .....Orchard 193

DRYERS

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church.Cortland 6424

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av NE.....Rosedale 6301

DRYERS (CLOTHES DRYERS OF ALL KINDS)

ILLINOIS

CHICAGO

Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

DRYERS—CENTRIFUGAL TEXTILE AND CHEMICAL

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

DRYERS FOR ALL PURPOSES (COAL, ORE, ETC.)

ILLINOIS

CHICAGO

Ruggles-Coles Engineering Co, 332 S Michigan av .....Harrison 884

NEW YORK

NEW YORK CITY

Ruggles-Coles Engineering Co, 50 Church.Cortlandt 4056

PENNSYLVANIA

YORK

Ruggles-Coles Engineering Co, 230 Hay .....Bell-York 231, York 236-D

DRYERS—MILK

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

DRYERS—ROTARY FOR CEMENT, LIME, ETC.

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush .....Bell-Alliance 31, Ohio State 3268

DRYERS—RUBBER

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

DRYERS—VACUUM

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

DUCK, COTTON

ILLINOIS

CHICAGO

Schermerhorn Bros Co, 5 N LaSalle.....Main 4460

DUMB WAITERS

CALIFORNIA

SAN DIEGO

Snyder Theo F (Sedgwick Machine Works Inc) Cent Mtge bldg.....Main 1686
See our Catalog Space, page 943

CANADA

MONTREAL, QUEBEC

Walker James Hardware Co The (Sedgwick Machine Works Inc) 252 St James.....Main 3436
See our Catalog Space, page 943

CONNECTICUT

HARTFORD

Page Ralph E (Sedgwick Machine Works Inc) 404 Farmington av.....Elizabeth 1440
See our Catalog Space, page 943

NEW HAVEN

Bassett John E & Co The (Sedgwick Machine Works Inc) 754 Chapel.....Liberty 318
See our Catalog Space, page 943

DISTRICT OF COLUMBIA

WASHINGTON

Barber & Ross (Sedgwick Machine Works Inc) 11th & G N W.....Main 625
See our Catalog Space, page 943

GEORGIA

ATLANTA

Alexander J M & Co (Sedgwick Machine Works Inc) 26 S Pry .....Main 989
See our Catalog Space, page 943

ILLINOIS

CHICAGO

Matot D A, 1538-1546 Montana.....Lincoln 2

INDIANA

FORT WAYNE

Schlatter C C & Co (Sedgwick Machine Works, Inc) 202-4 E Columbia....Fort Wayne 86
See our Catalog Space, page 943

INDIANAPOLIS

Vonnegut Hardware Co (Sedgwick Machine Works Inc) 120-24 E Washington.....Main 4192
See our Catalog Space, page 943

MAINE

PORTLAND

Edwards & Walker Co (Sedgwick Machine Works Inc) Monument Sq.....Portland 152
See our Catalog Space, page 943

MARYLAND

BALTIMORE

Hubbard & Eagleston (Sedgwick Machine Works Inc) 120 W Baltimore.....St Paul 6843
See our Catalog Space, page 943

MICHIGAN

BAY CITY

Jennison Hardware Co The (Sedgwick Machine Works Inc) 901 N Water...Bay City 110
See our Catalog Space, page 943

DETROIT

Buhl Sons Co (Sedgwick Machine Works Inc), 103-15 Woodbridge W....Main 5165
See our Catalog Space, page 943

Rayl T B Co The (Sedgwick Machine Works Inc), 114 Woodward av.....Cherry 5000
See our Catalog Space, page 943

FLINT

Hubbard Geo W Hardware Co The (Sedgwick Machine Works Inc) 2905 Industrial av..Flint 1811
See our Catalog Space, page 943

MINNESOTA

ST PAUL

Lott K F & Co (Sedgwick Machine Works Inc) 101 E 8th.....Cedar 3208
See our Catalog Space, page 943

NEW JERSEY

ATLANTIC CITY

Guttridge Oliver H Co Inc (Sedgwick Machine Works Inc) 1326 Atlantic av...Atlantic City 553-J
See our Catalog Space, page 943

NEW YORK

ALBANY

Albany Hardware & Iron Co (Sedgwick Machine Works Inc) 39-43 State.....Main 1900
See our Catalog Space, page 943

BUFFALO

Buffalo Wholesale Hardware Co (Sedgwick Machine Works Inc) 317 Washington..Seneca 4700
See our Catalog Space, page 943

Walbridge & Co (Sedgwick Machine Works Inc) 392 Main .....Seneca 5170
See our Catalog Space, page 943

NEW YORK CITY

Fidelity Dumb-Waiter Guarantee Co, 142 East 14th .....Stuyvesant 1727

Sedgwick Machine Works Inc.....Rector 2463
See our Catalog Space, page 943

ROCHESTER

Weaver Hardware Co (Sedgwick Machine Works Inc), 31 Main E.....Main 988
See our Catalog Space, page 943

Weed & Company (Sedgwick Machine Works Inc), 15 Exchange.....Main 1214
See our Catalog Space, page 943

PENNSYLVANIA

LANCASTER

Herr & Co (Sedgwick Machine Works Inc), 7 E King.....Lancaster 1800
See our Catalog Space, page 943

PITTSBURGH

Fort Pitt Hardware Co (Sedgwick Machine Works Inc), 807 Liberty av.....Grant 775
See our Catalog Space, page 943

RHODE ISLAND

PROVIDENCE

Dudley Hardware Co (Sedgwick Machine Works Inc), 49 Exchange pl.....Union 4561
See our Catalog Space, page 943

WASHINGTON

SEATTLE

Dally S W R (Sedgwick Machine Works Inc), Globe bldg.....Main 678
See our Catalog Space, page 943

DUMB WAITERS, ELECTRIC

ILLINOIS

CHICAGO

Kaestner & Hecht Co, 500 Throop.....Haymarket 6840

DUMP CARS (AUTOMATIC AIR)

NEW YORK

NEW YORK CITY

Kilbourne & Jacobs Mfg Co The, 25 Broad.Broad 4699

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co The Lincoln and Congress .....Bell-Main 91, Ohio State 8368

DUMPING BUCKETS—ALL KINDS

PENNSYLVANIA

READING

Penn Foundry & Mfg Co, Box 182.....Reading 991-X

DUPLICATE AND TRIPLICATE SALES BOOKS FOR EVERYBODY

MINNESOTA

MINNEAPOLIS

Cosby-Wirth Co Inc, 422-424 Washington av .....Bell-Nicollet 2399, Tri State 3178

DUPLICATING APPARATUS

NEW YORK

NEW YORK CITY

Beck Duplicator Co The, 476 Broadway....Spring 179

DUPLICATING MACHINES AND SUPPLIES

ILLINOIS

CHICAGO

Dick A B Company, 730-744 W Jackson bl.Monroe 75

NEW YORK

NEW YORK CITY

Dick A B Company, 395 Broadway.....Franklin 25

DUPLICATORS

ILLINOIS

CHICAGO

Heyer T A Duplicator Co, 160 N Wells....Main 3914

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine. New Brunswick 546

PENNSYLVANIA

PITTSBURGH

Durkin Reeves & Co (Manufacturers "Modern" Duplicators, Inks, Ribbons, etc), 339, 5th av .....Grant 2668

DUPLICATORS—REBUILT

ILLINOIS

CHICAGO

Price Inc, 440 S Dearborn.....Harrison 5917

DUST ABSORBENT—CLOTHS—MOPS & DUSTERS

OHIO

CLEVELAND

ioneer Mfg Co The, 10309 Bell-Broadway 694
Harvard av .....Ohio State-Union 527-R

DUST COLLECTING ENGINEERS

ILLINOIS

CHICAGO

ark Dust Collecting Co, Fisher bldg...Harrison 2338

UST COLLECTION

NEW YORK

NEW YORK CITY

agner J H (Air Screening and Purification, Odor Removing), 191 Spencer Brooklyn. Williamsburg 1804

UST COLLECTOR & BLOW PIPING

MASSACHUSETTS

BOSTON

nister A W Co, 421 Dorchester av..So Boston 696

MISSOURI

ST LOUIS

nner Bros Mfg Co, 10th and Tyler.....Tyler 596

UST COLLECTORS MANUFACTURED AND INSTALLED

ILLINOIS

CHICAGO

ck Dust Collecting Co. Fisher bldg..Harrison 2338
ncible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

NEW YORK

BUFFALO

ulky Fan Co, 866 Prospect av.....Tupper 5164-J

E (MANUFACTURERS)

NEW YORK

NEW YORK CITY

er & Merz Co The, 505 Hudson.....Spring 9105

DYE PLANTS—ENGINEERS AND BUILDERS

ILLINOIS

CHICAGO

Walter Company The, 38 S Dearborn...Randolph 937

DYE SPECIALTIES

NEW YORK

NEW YORK CITY

Manufacturers Service Co (Ink Powders, Tinting and Perfuming Powders), 27 E 22d. Gramercy 2973

DYE STUFFS

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie...Franklin 1852

MASSACHUSETTS

BOSTON

Dunker & Perkins, 287 Atlantic av.....Fort Hill 4151

NEW JERSEY

JERSEY CITY

United Chemical Products Corporation, York and Colgate.....Montgomery 3252

NEW YORK

NEW ROCHELLE

Sunset Soap Dye Co Inc, 235 Huguenot .....New Rochelle 2212

NEW YORK CITY

American Aniline Products Inc, 80 5th av .....Chelsea 9500
Du Pont Chemical Works Equitable bldg 120 Bway .....Rector 5727
Fezandie Felix 205 Fulton.....Cortland 1460
Hales, W. W., 100 William.....John 3151
Horgan William J, 6 Platt.....John 1625
Innis Speiden & Co, 46 Cliff .....Beekman 4031
Taylor B E Company, 56 Pine.....John 5894
Weil Color & Chemical Co, 27-29-31 Bleecker .....Spring 6422

DYE STUFFS AND CHEMICALS

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

NEW YORK

NEW YORK CITY

Aniline Color Co The, 157 E 115th.....Harlem 4872
Bachmeier & Co Inc, 438-448 W 37th.....Greeley 2854
Horgan William J, 6 Platt.....John 1625

RHODE ISLAND

PROVIDENCE

Miller Mfg Co, 668 Eddy.....Union 38

DYE STUFFS, COLORS & CHEMICALS

NEW YORK

NEW YORK CITY

Becker, Pennrich & Co Inc, 82-92 Beaver .....Hanover 2459
Standard Color Works Inc, 55 Liberty...Cortland 6006

DYE STUFFS—LOGWOOD, HEMATINE, ETC.

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, Woolworth bldg .....Barclay 7924
See our Catalog Space, page 930

DYE STUFFS & WOOD EXTRACTS—WHOLESALE DISTRIBUTORS

NEW YORK

NEW YORK CITY

Jaffray Mfg Co Inc, 261 Broadway.....Barclay 5640

DYE STUFFS AND WOODS

NEW YORK

NEW YORK CITY

Caravel Company, 13-21 Park Row.....Barclay 8430
Hellenic Chemical & Color Co Inc 427 W 13th.....Chelsea 7862
Linberg J F Co (All Aniline Colors; All Dyestuffs, Chemicals), 101 Beekman. Beekman 4910
National Color & Chemical Works 59th st and 11th av.....Columbus 9700

DYE WOOD EXTRACTS

NEW JERSEY

JERSEY CITY

United Chemical Products Corporation, York and Colgate.....Montgomery 3252

DYES

PENNSYLVANIA

PHILADELPHIA

A H Y Color & Chemical Co Inc, 44 N 4th. Market 4672

DYES & DYE STUFFS

ILLINOIS

CHICAGO

Roenitz Louis T, 375 W Ontario.....Superior 5411

NEW YORK

NEW YORK CITY

Edgertyn Aniline Corporation, 118 William .....Beekman 964
Horgan William J, 6 Platt.....John 1625
Leather Finishing & Dye Stuffs Co Inc, 267 W Bway.....Franklin 4468

DYES FOR COTTON

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church.....Cortland 1489

DYES FOR SILK

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church.....Cortland 1489

DYES FOR STRAW HATS

ILLINOIS

CHICAGO

Jetum Co The, 2820-24 Cottage Grove av. Calumet 826

DYES FOR WOOL

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church.....Cortland 1489

DYEING & WATERPROOFING OF COTTON PIECE GOODS

KENTUCKY

LOUISVILLE

Ohio Falls Dye & Finishing Works 717-33 E Madison ..... Bell-Main 1824 Home-City 1824

DYERS, BLEACHERS AND FINISHERS COTTON PIECE GOODS

DELAWARE

WILMINGTON

Bancroft Joseph & Sons Co, ... Wilmington 2601

DYERS, BLEACHERS & MERCERIZERS (OF COTTON YARNS)

RHODE ISLAND

PAWTUCKET

Mason Robert D Co The, Esten av..... Pawtucket 32

DYERS AND FINISHERS COTTON PIECE GOODS

GEORGIA

ATLANTA

Atlanta Dyeing & Water-Proofing Co... East Point 483

DYERS OF COTTON, PIECE GOODS

CONNECTICUT

NEW HAVEN

Forsythe Dyeing Co The, Whalley av and W Fitch ..... Liberty 7807

DYERS OF SKEIN YARNS

RHODE ISLAND

PROVIDENCE

Providence Dye Works (Specialties, Sulphur Olive, Drab and Black) 291 Thurbers av. Broad 4222

DYERS, PRINTERS & FINISHERS

NEW JERSEY

LODI

United Piece Dye Works, ... Passaic 1802

DYNAMITE AND BLASTING SUPPLIES

ALABAMA

BIRMINGHAM

Du Pont de Nemours E I & Company, Brown-Marx bldg ..... Main 5641

CALIFORNIA

SAN FRANCISCO

Du Pont de Nemours E I & Company, Chronicle bldg ..... Sutter 6640

COLORADO

DENVER

Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Du Pont bldg ..... Wilmington 1720

ILLINOIS

CHICAGO

Du Pont de Nemours E I & Company, McCormick bldg 332 S Michigan av.. Harrison 6602

MINNESOTA

DULUTH

Du Pont de Nemours E I & Company, Fidelity bldg ..... Melrose 1236

MISSOURI

JOPLIN

Du Pont de Nemours E I & Company, Frisco bldg ..... Home 838

ST LOUIS

Du Pont de Nemours E I & Company, Wright bldg ..... Main 3545

NEW YORK

NEW YORK CITY

Du Pont de Nemours E I & Company, Equitable bldg 120 Bway..... Rector 5720

PENNSYLVANIA

PITTSBURGH

Du Pont de Nemours E I & Company, May bldg ..... Grant 6810

SCRANTON

Du Pont de Nemours E I & Company, Traders National Bank bldg..... Scranton 2560

WASHINGTON

SEATTLE

Du Pont de Nemours E I & Company, Maynard bldg ..... Main 3394

WEST VIRGINIA

HUNTINGTON

Du Pont de Nemours E I & Company, Robson-Prichard bldg ..... Huntington 336

DYNAMO & MOTOR REPAIRING

OHIO

TOLEDO

Electric Power Maintenance Co, 1101 Monroe cor 11th..... Bell-Main 5456 Ohio State-Main 5330

PENNSYLVANIA

PITTSBURGH

Stimple & Ward Co Inc, 520 Sandusky ..... Bell-Cedar 2143 P & A-North 345

DYNAMOS AND MOTORS

ILLINOIS

CHICAGO

Queen City Electric Co, 2944-46 W Lake. Garfield 617

OHIO

CINCINNATI

Glow Electric Co The, 221-23 Walnut..... Main 1795
Wesche B A Electric Co 327 East 6th..... Canal 3238

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

DYNAMOS AND MOTORS (SPECIAL)

ILLINOIS

CHICAGO

Aaron Electric Co, 15 S Clinton..... Franklin 5854

EAR TAGS—FOR CATTLE, SHEEP & HOGS

UTAH

SALT LAKE CITY

Salt Lake Stamp Co, 65 W Broadway.... Wasatch 3098

EARTH COLORS

NEW YORK

NEW YORK CITY

Heller & Merz Co The, 505 Hudson..... Spring 9105

EARTHENWARE, FANCY GOODS, TEA POTS, BRIC-A-BRAC

NEW YORK

NEW YORK CITY

Slimmon Robert & Co, 96 Church..... Barclay 6040

EASELS—CARDBOARD

MICHIGAN

DETROIT

Stand Pat Easel Co, 45-49 Fort E..... Cherry 4188-R

EAVE TROUGH AND CONDUCTOR PIPES

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-12, 10th av So ..... Bell-Nicollet 534 Tri State 3732

NEW YORK

NEW YORK CITY

Berger Mfg Co The, se cor 22d and 11th av Chelsea 140

OHIO

CANTON

Berger Mfg Co The, Belden av N E ..... Bell-Main 300 Ohio-State 27

ECCLESIASTICAL WARE—GOLD SILVER, ETC.

RHODE ISLAND

PROVIDENCE

Feeley William J, 511 Westminster..... Gaspee 133

EDGE TOOLS AND HAMMERS—MANUFACTURERS

INDIANA

EVANSVILLE

Evansville Tool Works, 9th av and Maryland ..... Evansville

EDISON ELECTRIC MINERS SAFETY LAMPS

PENNSYLVANIA

PITTSBURGH

Mine Safety Appliances Co, Chamber of Commerce bldg.....Grant 5872

EDUCATION

CALIFORNIA

SAN FRANCISCO

Alexander Hamilton Institute, Holbrook bldg. Sutter 6555
See our Catalog Space, page 927

CANADA

TORONTO, ONTARIO

Alexander Hamilton Institute, C P R bldg. Adelaide 4616
See our Catalog Space, page 927

ILLINOIS

CHICAGO

Alexander Hamilton Institute, Transportation bldg, 608 S Dearborn.....Harrison 8207
See our Catalog Space, page 927

MASSACHUSETTS

BOSTON

Alexander Hamilton Institute, 14 Federal .....Fort Hill 3608-09
See our Catalog Space, page 927

MISSOURI

KANSAS CITY

lexander Hamilton Institute, Lathrop bldg...Main 4704
See our Catalog Space, page 927

NEW YORK

NEW YORK CITY

lexander Hamilton Institute, 18 Astor pl. Spring 10100
See our Catalog Space, page 927
amilton Institute Alexander, 18 Astor pl. Spring 10100
See our Catalog Space, page 927

PENNSYLVANIA

PHILADELPHIA

lexander Hamilton Institute, Bulletin bldg. Walnut 5608
See our Catalog Space, page 927

PITTSBURGH

exander Hamilton Institute, Jenkins Arcade bldg .....Grant 6867
See our Catalog Space, page 927

FFICIENCY ENGINEERS

ILLINOIS

CHICAGO

tes L V Inc, 332 S Michigan av.....Harrison 2526

GG BOILERS (AUTOMATIC)

ILLINOIS

CHICAGO

y Curtis & Co, 158 N Ashland bl.....West 224

GG CASES

NEW YORK

NEW YORK CITY

York Egg Case Co, 519 W 42d.....Bryant 7281

GG CASES AND BOX SHOOKS

TENNESSEE

MEMPHIS

erson-Tully Co, N Second & T C R R....Main 511

EGG SUBSTITUTE DRY POWDERED FORM

ILLINOIS

CHICAGO

Finger R Co The, 2905-07 W Madison..Van Buren 2143

EJECTORS

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

ELASTIC BRAIDS, FLATS, CORDS AND OVALS

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283
Sanford Narrow Fabric Co, 351, 4th av...Mad Sq 523

ELASTIC HOSIERY

MASSACHUSETTS

BOSTON

Fuller Geo R Co, 17 Bromfield.....Main 4503

NEW YORK

BUFFALO

Fuller Geo R, 141 Ellicott.....Seneca 3873-J

NEW YORK CITY

Eisen Wm M Co, 412, 8th av nr Penn Depot. .....Chelsea 3372

ROCHESTER

Fuller Geo R Co, 230 Andrews.....Main 2679

PENNSYLVANIA

PHILADELPHIA

Fuller Geo R Co, 1233 Arch.....Locust 4078
Philadelphia Orthopedic Co, 49 N 18th....Walnut 294

ELASTIC HOSIERY AND SUPPORTERS—MNFRS.

NEW YORK

BUFFALO

Robinson C E Co, 221 Franklin.....Tupper 1203-J

ELASTIC STOCKINGS

NEW YORK

NEW YORK CITY

Ditman A J. 2 Barclay.....Barclay 7045

ELASTIC STOCKINGS, ABDOMINAL SUPPORTERS—MNFRS.

ILLINOIS

CHICAGO

Godfrey Mark, 56 E Randolph.....Central 6439
Sharp & Smith, 155-157 N Michigan bl. Randolph 3421

ELASTIC WEBBING

NEW YORK

NEW YORK CITY

Gates Thos B M (Elastic cords, braids, Garter, corset webbing) 315, 4th av cor 24th .....Gramrcy 4629

ELASTIC WHEELS, MNFRS.

OHIO

DAYTON

Dayton Grinding Wheel Co, Summit and Negley pl.....Bell-Fairview 264
.....Ohio State 2912

ELECTRIC AUTOMOBILE AND TELEPHONE SUPPLIES

INDIANA

FORT WAYNE

Protective Electrical Supply Co The, 132 W Columbia ..... Fort Wayne 1813

ELECTRIC BLASTING SUPPLIES

CALIFORNIA

OAKLAND

California Cap Co, Bacon bldg.....Oakland 7354

ELECTRIC BODY BELT MANUFACTURERS

OREGON

PORTLAND

Schramek Frank Booklet on Medical Electricity sent free.....Main 8140

ELECTRIC CLOCK MNFRS.

ILLINOIS

CHICAGO

Sohm Electric Co, 141 W Austin av.....Franklin 4357

PENNSYLVANIA

PITTSBURGH

Waverly Novelty Co, (Pocket Shields, Obelisk Thermometer Closet Fender) Bessemer bldg .....Court 833

ELECTRIC CLOCKS SELF-WINDING & PROGRAM

ILLINOIS

CHICAGO

Howard E Clock Co The, 31 N State.....Central 6951

MASSACHUSETTS

BOSTON

Howard E Clock Co The, 373 Washington...Main 643

NEW YORK

NEW YORK CITY

Howard E Clock Co The, Maiden Lane and Wm .....John 3148

OREGON

PORTLAND

Howard E Clock Co The, (Butterfield Bros Agents) Mohawk bldg.....Main 2846

WASHINGTON

SEATTLE

Howard E Clock Co The, (Jos Mayer & Bros Agents) Colman bldg .....Elliott 3856

ELECTRIC CLOCKS—WATCHMAN'S & TIME SYSTEM

NEW YORK

NEW YORK CITY

American Watchman's Clock Co, 150 Nassau ..... Beekman 4659

ELECTRIC CLOTH CUTTING MACHINES

NEW YORK

NEW YORK CITY

Maimin H Co Inc, 251 W 19th.....Chelsea 9370

ELECTRIC CONDUIT BOXES

OHIO

CLEVELAND

Adapti Co The (Outlet-Junction-Rotary & Push Switch Boxes) 919 West.....Main 1431

ELECTRIC COVER SOCKETS—FOR OUTLET BOXES

ILLINOIS

CHICAGO

Harter Mfg Co 522 S Clinton.....Harrison 2436

ELECTRIC DRILL REPAIRING

ILLINOIS

CHICAGO

Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRIC DRILLS FOR STONE, METAL AND WOOD

NEW YORK

NEW YORK CITY

Electro-Magnetic Tool Co, 426 Broome...Spring 7086

ELECTRIC DRILLS & GRINDERS

ILLINOIS

CHICAGO

Chicago Pneumatic Tool Co, Fisher bldg..Harrison 687

NEW YORK

NEW YORK CITY

Chicago Pneumatic Tool Co, 52 Vanderbilt. av .....Murray Hill 8580

ELECTRIC DRILLS, GRINDERS & TOOLS

ILLINOIS

CHICAGO

U S Electric Tool Co, 547 Washington bl.Franklin 4876
See our Catalog Space, page 943

OHIO

CINCINNATI

Standard Electric Tool Co The, 128 Opera pl.Canal 4312

ELECTRIC DRILLS & HAMMERS

ILLINOIS

CHICAGO

Electro-Magnetic Tool Co, 2902 Carroll av.Kedzie 9148

ELECTRIC DRILLS—ROTARY

PENNSYLVANIA

SCRANTON

Scranton Electric Construction Co, Connell bldg .....Scranton 513

ELECTRIC DYNAMOS & MOTORS

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRIC DYNAMOS & MOTORS, PLATING AND POWER

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56 Wall..Hanover 4260

ELECTRIC ELEVATORS

ILLINOIS

CHICAGO

Kaestner & Hecht Co, 506 Throop.....Haymarket 6840
Prince Elevator Co, 231-233 W Grand av.Superior 1095

MASSACHUSETTS

CAMBRIDGE

Payne F S Co, Richdale av.....Cambridge 4376

MICHIGAN

DETROIT

Kaestner & Hecht Co, 9 Fort E.....Cherry 2394

ELECTRIC ELEVATORS PASSENGER AND FREIGHT

MINNESOTA

MINNEAPOLIS

Lagerquist Gust, 516-518 N 3d .....Bell-Main 1957 Tri State 37108

ELECTRIC EXHAUST FAN MFRS.

ILLINOIS

CHICAGO

Batterman Truitt Co, 18-20 E Kinzie...Randolph 5187

NEW YORK

NEW YORK CITY

Batterman Truitt Co, (C O Hall) 147-149 W 35th .....Greeley 4040

ELECTRIC FAN REPAIRING

ILLINOIS

CHICAGO

Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRIC FANS

NEW JERSEY

NEWARK

Agens & Co, 219 Market.....Mulberry 144
See our Catalog Space, page 969

ELECTRIC FIXTURES

ILLINOIS

CHICAGO

Everson C G & Co, 70 W Lake.....Central 6737
South Side Chandelier Co, 5852 S Halsted .....Wentworth 1204

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRIC FIXTURES—MFRS.

OHIO

CINCINNATI

Cincinnati Artistic Wrought Iron Works, 2941-43 Eastern av.....East 429

ELECTRIC GENERATORS

ILLINOIS

CHICAGO

Aaron Electric Co, 15 S Clinton.....Franklin 5854

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRIC GENERATORS AND MOTORS—USED

ILLINOIS

CHICAGO

Gregory Electric Co, 16th and Lincoln....Canal 1690
See our Catalog Space, page 944

ELECTRIC GRINDER REPAIRING

ILLINOIS

CHICAGO

Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

ELECTRIC GRINDING MACHINES

NEW YORK

NEW YORK CITY

Electro-Magnetic Tool Co, 426 Broome.....Spring 7086

ELECTRIC HEATING APPLIANCES

MINNESOTA

MINNEAPOLIS

Despatch Manufacturing Co, 104 N 2d.Tri State 33457

ELECTRIC HEATING DEVICES—DOMESTIC & AUTOMOBILE

OHIO

CLEVELAND

Electrocraft Co The, 2187 East 2d.....Central 7770-L

ELECTRIC INCANDESCENT—MAZDA LAMPS

NEW YORK

NEW YORK CITY

Muench Brothers, 90 West.....Rector 5[illegible]

ELECTRIC INSTRUMENTS

ILLINOIS

CHICAGO

teliance Instrument Co, 1135 W VanBuren. Monroe 6092

ELECTRIC INSTRUMENTS TESTING

PENNSYLVANIA

PHILADELPHIA

hompson Levering Co 325 Arch....Bell-Market 4741
.....Keystone-Main 3754

ELECTRIC IRONS, TRIPLE HEAT

NEW YORK

NEW YORK CITY

aage Electric Co, 150 Nassau.....Beekman 2921

ELECTRIC KITCHEN POWER UNITS

ILLINOIS

CHICAGO

ynolds Electric Flasher Mfg Co, 422
S Talman av .....West 35

ELECTRIC KNIFE SWITCHES

OHIO

MIDDLETOWN

ckelew Electric Mfg Co The, 311 Canal....Bell 1285

ELECTRIC LAMP GUARDS

ILLINOIS

CHICAGO

xible Steel Lacing Co, 622 S Clinton. Wabash 4911

ELECTRIC LAMPS

NEW YORK

NEW YORK CITY

ropolitan Electric Lamp Co (Distributors
Edison Mazda Lamps) 1765 Broadway. Circle 1125

ELECTRIC LAMPS (MINIATURE)

ILLINOIS

CHICAGO

ago Miniature Lamp Works, 640
W Lake .....Monroe 4600

ELECTRIC LAMPS—CARVED WOOD—MNFRS.

ILLINOIS

CHICAGO

mann-Malcom Co, 847-857 N Troy..Garfield 776

ELECTRIC LIGHT & POWER

CONNECTICUT

NEW HAVEN

d Illuminating Company The, 128
mple .....Liberty 6350

ELECTRIC LIGHT AND POWER APPARATUS

ILLINOIS

CHICAGO

Aaron Electric Co, 15 S Clinton.....Franklin 5854

MINNESOTA

MINNEAPOLIS

Lunt R L, McKnight bldg.....Tri State 35298

ELECTRIC LIGHTING FIXTURE PARTS

MICHIGAN

DETROIT

Blake Wm Mfg Co, 97 E Congress.....Cadillac 3622

ELECTRIC LIGHTING FIXTURES

NEW YORK

NEW YORK CITY

Artistic Lighting Fixture Corp, 21-25 E
Houston .....Spring 3733
Findlay Robt Mfg Co, 28 Warren.....Barclay 7347
See our Catalog Space, page 970

PENNSYLVANIA

PHILADELPHIA

Brascolite (The Philadelphia Electric Co Supply
Department, Distributors), 132 S 11th. Walnut 4700
See our Catalog Space, page 968

ELECTRIC LIGHTING FIXTURES (EXPORTERS)

NEW YORK

NEW YORK CITY

Brascolite (Theodore Stave Co, Distributors)
30 Church .....Cortland 656
See our Catalog Space, page 968

ELECTRIC LIGHTING FIXTURES, FOR ALL PURPOSES

CALIFORNIA

LOS ANGELES

Brascolite (Illinois Electric Co, Manuel-Main 2927
Distributors), 261-263 S Los Angeles..Home 60419
See our Catalog Space, page 968

COLORADO

DENVER

Brascolite (The New England Electric Co,
Distributors), 1951-3 Lawrence.....Main 610
See our Catalog Space, page 968

DISTRICT OF COLUMBIA

WASHINGTON

Brascolite (National Electric Supply Company,
Distributors), 1328-30 New York av....Main 6800
See our Catalog Space, page 968

FLORIDA

JACKSONVILLE

Brascolite (Florida Electric Supply Co, Distri-
butors), Union Terminal bldg....Jacksonville 674
See our Catalog Space, page 968

ILLINOIS

CHICAGO

Brascolite (Illinois Electric Co, Distribu-
tors), 314 W Madison.....Main 4450
See our Catalog Space, page 968
Reflectolyte Co The (Freeman-Sweet Company,
Distributors), 608 S Dearborn.....Harrison 4191
See our Catalog Space, page 969

QUINCY

Brascolite (Gem City Electric Co, Distributors)
710 Main .....Main 545
See our Catalog Space, page 968

ROCK ISLAND

Brascolite (Marron Mfg Co, Distribu- Rock Island 808
tors), Electric bldg.....Rock Island 809
See our Catalog Space, page 968

INDIANA

FORT WAYNE

Brascolite (The Protective Electrical Supply Co,
Distributors), 132 W Columbia..Fort Wayne 1813
See our Catalog Space, page 968

KANSAS

WICHITA

Brascolite (Southwestern Electric Co, Dis-
tributors), 123 N Market.....Douglas 938
See our Catalog Space, page 968

KENTUCKY

LOUISVILLE

Brascolite (H C Tafel Electric Co, Distributors)
236 W Jefferson.....Main 985-A
See our Catalog Space, page 968

MASSACHUSETTS

BOSTON

Brascolite (Lewis Electrical Supply Co,
Distributors), Federal .....Main 7430
See our Catalog Space, page 968

MINNESOTA

MINNEAPOLIS

Brascolite (The R M Baird Co, Distributors)
223-25 S Fifth.....Nicollet 5123
See our Catalog Space, page 968

MISSOURI

KANSAS CITY

Brascolite (Funsten Electric Co, Dis- Bell-Grand 1070
tributors), 1310 Wyandotte .....Home-Main 2144
See our Catalog Space, page 968
Brascolite (Satterlee Electric Co, Bell-Main 2880
Distributors) 22 East 9th.....Home-Main 2880
See our Catalog Space, page 968

ST LOUIS

Brascolite (Commercial Electrical Supply Co,
Distributors), N E Corner 15th Bell-Main 1292
and Pine .....Kinloch-Central 3835
See our Catalog Space, page 968
Brascolite (Wesco Supply Co, Distrib-
utors), 7th and Clark av.....Main 3230
See our Catalog Space, page 968
Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

MONTANA

BUTTE

Brascolite (The Montana Electric Co, Distri-
butors), 50-52 E Broadway.....Butte 15
See our Catalog Space, page 968

NEBRASKA

OMAHA

Brascolite (The Korsmeyer Company, Distri-
butors), 209 S 18th.....Douglas 6326
See our Catalog Space, page 968

NEW YORK

NEW YORK CITY

Brascolite (Dale Lighting Fixture Co, Dis-
tributors), 107-9 W 13th.....Chelsea 3434
See our Catalog Space, page 968
Brascolite (Northwestern Electric Equipment
Co, Distributors), 35 Vestry.....Canal 9080
See our Catalog Space, page 968

SYCRACUSE

Brascolite (Mohawk Electrical Supply Co,
Distributors), 325 S Warren.....Warren 8900
See our Catalog Space, page 968

NORTH CAROLINA

ASHEVILLE

Brascolite (Piedmont Electric Co, Distributors)
Electric bldg .....
See our Catalog Space, page 968

CHARLOTTE

Reflectolyte Company The (Electric Supply & Equip-
ment Co, Distributors), 220 W First. Charlotte 3647
See our Catalog Space, page 969

ELECTRIC LIGHTING FIXTURES, FOR ALL PURPOSES—CONT'D.

OKLAHOMA

MUSKOGEE

Reflectolyte Company The (Empire Electric Supply Co, Distributors), 419 W Okmulgee ..... Muskogee 732
See our Catalog Space, page 969

OKLAHOMA CITY

Brascolite (Nunn Electric Co, Distributors), 215 W 1st.....Walnut 1878
See our Catalog Space, page 968

PENNSYLVANIA

PHILADELPHIA

Brascolite (Frank H Stewart Electric Co, Distributors), 37 N 7th.....Market 1874
See our Catalog Space, page 968

TEXAS

AUSTIN

Brascolite (John L Martin, Distributors), 408 Congress av....Bell-Austin 320 Automatic-Austin 320
See our Catalog Space, page 968

DALLAS

Brascolite (Nunn Electric Co, Distributors), 1618 Main.....Bell-Main 2404 Automatic-Main 1448
See our Catalog Space, page 968

UTAH

SALT LAKE CITY

Brascolite (Eardley Bros Co, Distributors) 37 E 1st South.....Wasatch 6700
See our Catalog Space, page 968

VIRGINIA

NORFOLK

Brascolite (Atlantic Electric Co, Distributors), 428 Granby.....Norfolk 6600
See our Catalog Space, page 968

WASHINGTON

SPOKANE

Brascolite (The Washington Electric Supply Co, Distributors), 907 Riverside av.....Main 3280
See our Catalog Space, page 968

WISCONSIN

MILWAUKEE

Brascolite (Grassler & Gezelschap, Distributors) 214 Third .....Grand 932
See our Catalog Space, page 968

ELECTRIC LIGHTING FIXTURES—EXTERIOR

NEW YORK

NEW YORK CITY

Morris Elmer P, 136 Liberty.....Rector 826

ELECTRIC LIGHTING FIXTURES INDUSTRIAL

ILLINOIS

CHICAGO

Harter Mfg Co, 522 S Clinton.....Harrison 2436

ELECTRIC LIGHTING FIXTURES AND SUPPLIES

WASHINGTON

SEATTLE

Brascolite (Lushington Lectric Co, Distributors), 1312-14 First av .....Main 6236
See our Catalog Space, page 968

ELECTRIC LIGHTING PLANTS GENERATORS & SMALL MOTORS

MICHIGAN

LUDINGTON

Handy Things Mfg Co, Ludington av...Ludington 166

ELECTRIC LIGHTING PLANTS—RURAL HOMES & SMALL TOWNS

ILLINOIS

CHICAGO

Dealers' Electric Lighting Co, 2901- 2907 Indiana av.....Calumet 7071

ELECTRIC MEDICAL APPARATUS

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th..Stuyvesant 2523
See our Catalog Space, page 960

ELECTRIC METER AND INSTRUMENT REPAIRS AND TESTS

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

MICHIGAN

DETROIT

Clark Electric Meter Co, 1330 Twelfth...Walnut 4979

ELECTRIC MOTOR REPAIRING

ILLINOIS

CHICAGO

Great Western Electric Co, 309-313 S Clinton .....Harrison 6543
Northwestern Electric Co, 410 S Hoyne av..West 5366
Queen City Electric Co, 2944-46 W Lake..Garfield 617

MISSOURI

ST LOUIS

Acme Electric Co, 221a Market st....Bell-Olive 2189
.....Kinloch Central 2680

NEW YORK

NEW YORK CITY

Leve Robert E, 19 E 32d.....Murray Hill 2649

OHIO

CINCINNATI

Wesche B A Electric Co, 327 East 6th.....Canal 3238

DAYTON

Ehler O H Electrical Co, U B bldg.....Main 4317

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

WISCONSIN

MILWAUKEE

Sorgel Electric Co, 138 West Water.....Grand 290
Trester Service Electric Co, 47 Oneida....Main 2466

ELECTRIC MOTORS

ILLINOIS

CHICAGO

Aaron Electric Co, 15 S Clinton.....Franklin 5854
Bodine Electric Co, 2254 W Ohio.....West 631
Cline Electric Mfg Co, Fisher bldg.....Harrison 8326
Holtzer-Cabot Electric Co The, 6161 S State .....Normal 5800

MASSACHUSETTS

BOSTON

Bodine Electric Co, 127 Federal.....Fort Hill 2054

MISSOURI

ST LOUIS

Advance Electric Co, Chestnut and Commercial .....Bell-Olive 1993

NEW YORK

NEW YORK CITY

Ameco Motor & Electric Co Inc, 217 Centre .....Canal 642
Goldberg Bernard, 220 Center.....Canal 8957
See our Catalog Space, page 945
Holcomb D S & Co Inc, (Motors Bought, Sold, Exchanged, Rented, Repaired) 241-243 Canal .....Franklin 2876
Klein Nathan & Co Inc, 208 Centre.....Canal 8750
See our Catalog Space, page 945
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065
Schwartz & Land, 207 Centre.....Canal 9310

ELECTRIC MOTORS (BOUGHT, SOLD AND REPAIRED)

NEW YORK

NEW YORK CITY

Fuchs Otto A, 201 E 47th.....Murray Hill 4522

ELECTRIC MOTORS (FRACTIONAL HORSEPOWER)

ILLINOIS

CHICAGO

Reynolds Electric Flasher Mfg Co, 422 S Talman av .....West

ELECTRIC MOTORS, (NEW AND USED)

ILLINOIS

CHICAGO

Chicago Electric Construction Co, 740 W Van Buren .....Monroe 43
Goldschmidt M & Co, 538 S Clark.....Harrison 60
Queen City Electric Co, 2944-46 W Lake..Garfield 6

MISSOURI

ST LOUIS

Acme Electric Co, 221a Market st....Bell-Olive 2
.....Kinloch-Central 26

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2
.....Keystone-Race

PITTSBURGH

Miller-Owen Electric Co Inc, 217-219 First av .....Court 1

SCRANTON

Scranton Electric Construction Co, Connell bldg .....Scranton

WISCONSIN

MILWAUKEE

Sorgel Electric Co, 138 West Water.....Grand
Trester Service Electric Co, 47 Oneida.....Main

ELECTRIC MOTORS (REPAIRED AND REWOUND)

OHIO

TOLEDO

LaFrance Electrical Construction & Supply Co The 1008-1014 ..... Bell-Main 6422
Jackson ..... Ohio-State-Main 1502

ELECTRIC MOTORS (VARIABLE SPEED)

ILLINOIS

CHICAGO

Northwestern Electric Co, 410 S Hoyne av..West 5366

NEW YORK

NEW YORK CITY

Northwestern Electric Co, 1457 Broadway.Bryant 590

ELECTRIC MOTORS & DYNAMOS

ILLINOIS

CHICAGO

Queen City Electric Co, 2944-46 W Lake..Garfield 617

OHIO

CINCINNATI

Jantz & Leist Electric Co, Western av and York ..... West 2640

ELECTRIC MOTORS & DYNAMOS NEW & USED

ILLINOIS

CHICAGO

Clinton Supply Co, 117 S Clinton..... Main 5064

PENNSYLVANIA

PHILADELPHIA

Toomey Frank Inc, 127-31 N 3d..... Market 261

ELECTRIC MOTORS AND GENERATORS

ILLINOIS

CHICAGO

Mannmueller Engineering Co, First Nat Bk bldg ..... Randolph 16
Power Equipment Co, Fisher bldg..... Harrison 6616

OHIO

CINCINNATI

Handle Machinery Co The, 1723 Powers.... Park 1905
Hesche B A Electric Co, 327 East 6th..... Canal 3238

NEW JERSEY

NEWARK

Hocker-Wheeler Company, 27 Clinton..Mulberry 2841

PENNSYLVANIA

PITTSBURGH

Miller-Owen Electric Co Inc, 217-219 First av Court 1362

SCRANTON

Penn Electrical Engineering Co, Traders' Bank bldg ..... Scranton 420

ELECTRIC MOTORS & GENERATORS—NEW AND USED

ILLINOIS

CHICAGO

Queen City Electric Co, 2944-46 W Lake..Garfield 617

MINNESOTA

MINNEAPOLIS

Bardin Bros Electric & Power Exchange, 1023 Washington av S..... Bell-Main 6879
Tri State 31518

NEW YORK

BUFFALO

Dotterweich A J Co Inc, 285 Washington. Seneca 1077-J

OHIO

CINCINNATI

Buckeye Equipment Co The, 26 W 3d..... Main 3197

PENNSYLVANIA

PHILADELPHIA

Seyfert's L F Sons Inc, 437 N 3d..... Bell-Market 2966
..... Keystone-Main 1487

PITTSBURGH

Marvel Electric Co, 10 Liberty av..... Court 4278

WISCONSIN

MILWAUKEE

Sorgel Electric Co, 138 West Water..... Grand 290
Trester Service Electric Co, 47 Oneida..... Main 2466

ELECTRIC OVEN MFRS.

CONNECTICUT

NEW HAVEN

Oven Equipment & Mfg Co The, 973 Dixwell av..... Liberty 1281

ELECTRIC PANEL BOARDS

MISSOURI

ST LOUIS

Wurdack Wm El Mfg Co, 23 S 11th Bell-Olive 3457
..... Kinloch-Central 3976

ELECTRIC PORCELAIN

OHIO

FINDLAY

Findlay Electric Porcelain Co The E Bell av..... Bell-Main 40
Ohio-State 29

ELECTRIC (SMALL MOTORS) REPAIRING

ILLINOIS

CHICAGO

Electric Tool Repair & Maintenance Co, 31 N Jefferson ..... Franklin 1295

ELECTRIC ROTARY CONVERTERS

ILLINOIS

CHICAGO

Northwestern Electric Co, 410 S Hoyne av..West 5366

NEW YORK

NEW YORK CITY

Northwestern Electric Co, 1457 Broadway.Bryant 590

ELECTRIC SAD IRONS

ILLINOIS

CHICAGO

Chicago Flexible Shaft Co, 5600 W 12th...Austin 1900

NEW YORK

NEW YORK CITY

Reimers Manufacturing Co, 517-523 West 46th ..... Bryant 6526

ELECTRIC SHEET CASTINGS

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The..... Bell-Shreveport 851
Home-Shreveport 679

ELECTRIC SIGNS

GEORGIA

ATLANTA

Munn Sign & Advertising Co, 63 N Broad.... Ivy 826

ILLINOIS

CHICAGO

Haller Consolidated Co, 218 W Austin av. Franklin 1604
Pause P & Company, 400-16 W Erie... Superior 2097

MASSACHUSETTS

BOSTON

Brink C I Inc, 24 Gold..... Main 7544
..... So Boston 91-92

NEW YORK

NEW YORK CITY

City Electric Sign Co (Builders of Illuminating Signs—Every Description), 444 E 13th..... Forsyth 9256

ELECTRIC SIGNS & GLOBES

PENNSYLVANIA

PITTSBURGH

Dawes Electrical Sign Mfg Co The Jenkins Arcade ..... Grant 6448

ELECTRIC STARTERS FOR FORDS

NEW YORK

NEW YORK CITY

American Eveready Works, Thomson & Orton, L I C..... Hunters Point 5100

ELECTRIC STARTERS REPAIRED

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963
Keystone-Race 20

WISCONSIN

MILWAUKEE

Wiese Electrical Appliance Co, 3217 Lisbon av ..... Kilbourn 965

ELECTRIC STEEL CASTINGS

LOUISIANA

SHREVEPORT

W K Henderson Iron Works & Supply Co The Caddo st Spring to Commerce.... Shreveport 679

ELECTRIC SWITCH BOARDS

MISSOURI

ST LOUIS

Wurdack Wm El Mfg Co, 23 S 11th... Bell-Olive 3457
..... Kinloch-Central 3976

ELECTRIC SWITCHBOARDS, STEEL CABINETS & ENGIN'R'G

OHIO

TOLEDO

Kuhlman Engineering Co The, Champlain and Locust.....Ohio State-Main 565

ELECTRIC SWITCHES & STEEL CABINET MNFRS.

PENNSYLVANIA

PHILADELPHIA

Large-Dail Mfg Co, 606 Cherry.....Bell-Market 2547
.....Keystone-Main 3106

ELECTRIC—TEMPERATURE CONTROL

NEW YORK

NEW YORK CITY

Equitherm Control Corp, 30 Church.....Cortland 1380

ELECTRIC TOOL REPAIRING

ILLINOIS

CHICAGO

Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

ELECTRIC TRANSFORMERS

MICHIGAN

BAY CITY

Kuhlman Electric Co, 1000-1008, 26th..Bay City 231

ELECTRIC TRANSFORMERS & MACHINERY

MINNESOTA

MINNEAPOLIS

Lunt R L, McKnight bldg.....Tri State 35298

ELECTRIC WELDING MACHINES FOR SPOT & BUTT WORK

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church....Cortland 251

ELECTRICAL APPARATUS

NEW YORK

BUFFALO

Pittsburgh Transformer Co, Electric bldg..Seneca 4194

ELECTRICAL APPLIANCES AND APPARATUS (WHOLESALE)

LOUISIANA

NEW ORLEANS

Electric Appliance Company, 408-14 Canal..Main 1751

ELECTRICAL CABINETS AND CUT-OUT BOXES

NEW YORK

NEW YORK CITY

Columbia Metal Box Co, 224 E 144th....Melrose 6241

ELECTRICAL CONDUIT FITTINGS

CONNECTICUT

NEW LONDON

Gillette-Vibber Co The ("Gee-Vee" Labor Saving Electrical Fittings) 32 Maple av .....New London 1292

ELECTRICAL CONSTRUCTION

ILLINOIS

CHICAGO

Chicago Electric Construction Co, 740 W Van Buren .....Monroe 4351
White City Electric Co, 14 N Franklin.....Main 803

PENNSYLVANIA

SCRANTON

Scranton Electric Construction Co, Connell bldg .....Scranton 513

ELECTRICAL CONSTRUCTION & INSTALLATIONS

ILLINOIS

CHICAGO

Pearson John W Co, 839-41 W Lake.....Monroe 5838

MASSACHUSETTS

BOSTON

Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRICAL CONSTRUCTION MATERIAL, SELL TO JOBBERS

MINNESOTA

ST PAUL

Jobbers Supply Co, 781 N Prior av.....Midway 24

ELECTRICAL CONTRACTING ENGINEERS

NEW YORK

NEW YORK CITY

Nichols & Judson, 882, 8th av.....Circle 393

ELECTRICAL CONTRACTORS

ILLINOIS

CHICAGO

Aaron Electric Co, 15 S Clinton.....Franklin 5854
Beaver Electric Construction Co, 30 N LaSalleMain 1115

NEW YORK

NEW YORK CITY

Harlem Electric & Sewing Machine Co The, 202 E 106th.....Harlem 8384
Hatzel & Buehler Inc, 878 Fourth av.....Mad Sq 8620
Stark I & Co, 187 Tompkins av Bklyn...Wmsburg 1163
Stott Edward B & Co Inc, 461, 8th av...Greeley 3715

OKLAHOMA

TULSA

Electric Supply Co, 21 East 4th .....Osage 606

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRICAL CONTRACTORS AND ELECTRICAL SUPPLIES

PENNSYLVANIA

LANCASTER

Trissler Frank B, 211-215 N Duke .....Lancaster 2089 Independent 24-X

ELECTRICAL CONTRACTORS, ENGINEERS, MNFRS.

ILLINOIS

CHICAGO

Newgard Henry & Co, 947-955 Washington bl .....Haymarket 991

ELECTRICAL CONTROLLERS—MNFRS.

ILLINOIS

CHICAGO

Anderson C J & Co, 212 W Austin av...Franklin 3377

ELECTRICAL DISTRIBUTORS

NEW YORK

NEW YORK CITY

Fullerton Fred W L Inc, 17 E 22d.....Gramercy 1873

ELECTRICAL ENGINEERS

ILLINOIS

CHICAGO

Atkins Charles G, Monadnock blk.....Harrison 2135
Byllesby H M & Co, 208 S LaSalle.....Wabash 821
Chicago Electric Construction Co, 740 W Van Buren .....Monroe 4351
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

NEW YORK

NEW YORK CITY

Byllesby H M & Co, 111 Bway.....Rector 3461

ELECTRICAL EQUIP. & SPECIALTIES FOR CENTRAL STATIONS

PENNSYLVANIA

PHILADELPHIA

Electrical Development & Machine Company (The Philadelphia Electric Company Supply Dept Sole Selling Agents "Franklin"), 132 S Eleventh.....Bell-Walnut 2605 Keystone-Main 100

ELECTRICAL EXPERIMENTAL WORK

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

WISCONSIN

MILWAUKEE

Wiese Electrical Appliance Co, 3217 Lisbon av ..... Kilbourn 965

ELECTRICAL FIXTURES

OKLAHOMA

TULSA

Reflectolyte Company The (Electric Supply Co, Distributors) 21 East 4th st..Osage 606
See our Catalog Space, page 969

ELECTRICAL FIXTURES AND SUPPLIES (JOBBERS)

MISSOURI

JOPLIN

Belden Electrical Supply Co (Distributors of Brascolite), 4th and Grand av.....Joplin 263
See our Catalog Space, page 968

ELECTRICAL FORGE BLOWERS & AIR PUMPS

NEW YORK

NEW YORK CITY

Fuchs Otto A, 201, 47th .....Murray Hill 4522

ELECTRICAL GOODS

ILLINOIS

CHICAGO

Holtzer-Cabot Electric Co The, 6161 S State .....Normal 5800
Lincoln Electric Works (R J Morgan) Heyworth bldg .....Randolph 4142

MASSACHUSETTS

BOSTON

Pettingell-Andrews Co, 511 Atlantic av..Fort Hill 4200
Stuart-Howland Co, Congress and Purchase .....Fort Hill 3400

NEW YORK

NEW YORK CITY

Morris Elmer P, 136 Liberty.....Rector 826

ELECTRICAL HARD RUBBER SPECIALTIES

ILLINOIS

CHICAGO

Vulcanized Rubber Co The, 209 S State..Harrison 1271

NEW YORK

NEW YORK CITY

Vulcanized Rubber Co The, 251, 4th av.Gramercy 3716

ELECTRICAL—HIGH TENSION EQUIPMENT

NEW YORK

NEW YORK CITY

Delta-Star Electric Co, 100 Broadway.....Rector 2715

ELECTRICAL INSPECTION—PUBLIC UTILITIES

WISCONSIN

MILWAUKEE

Public Utility Inspection Bureau, First National Bank bldg.....Main 4079

ELECTRICAL INSTRUMENT REPAIRS AND TESTS

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

ELECTRICAL INSULATING MATERIALS OF ALL KINDS

NEW YORK

NEW YORK CITY

Mitchell-Rand Mfg Co, 99 John.....Beekman 1356

ELECTRICAL INSULATING MATLS. RED ROPE PAPER

NEW YORK

NEW YORK CITY

Hewitt C B & Bros "Old Hick" 48 Beekman .....Beekman 3720

ELECTRICAL JOBBERS

OHIO

COLUMBUS

Electric Sales Co The, 67 East Gay Bell-Main 3096
.....Ohio State 4468

ELECTRICAL MACHINERY

NEW JERSEY

NEWARK

Venino Bros & Co, 65 Hamilton.....Market 5406

ELECTRICAL MACHINERY (NEW)

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 Bell-Walnut 2963
N 11th .....Keystone-Race 20

ELECTRICAL MACHINERY (NEW AND SECOND HAND)

MASSACHUSETTS

BOSTON

Ellis A Lee, 141 Milk.....Fort Hill 1994

OHIO

YOUNGSTOWN

Millers Smythe Electric Co, 1636 Main 4022
Wilson av ..... Ohio State 3159

PENNSYLVANIA

PITTSBURGH

Moore Edgar M Co, Farmers Bank bldg....Grant 1516
See our Catalog Space, page 976

ELECTRICAL MACHINERY (SECOND HAND)

ILLINOIS

CHICAGO

Dyar Hugh W, 140 S Dearborn.....Central 3066

MISSOURI

ST LOUIS

Partridge Arthur S, 415 Pine.....Main 1071

NEW YORK

NEW YORK CITY

MacGoven & Company Inc, 114 Liberty....Rector 3375
See our Catalog Space, page 975

OHIO

CINCINNATI

Glow Electric Co The, 221-23 Walnut.....Main 1795

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 Bell-Walnut 2963
N 11th .....Keystone-Race 20

ELECTRICAL MACHINERY DEALERS

ILLINOIS

CHICAGO

Gregory Electric Co, 16th and Lincoln.....Canal 1690
See our Catalog Space, page 944

ELECTRICAL MACHINERY RENTED

ILLINOIS

CHICAGO

Gregory Electric Co, 16th and Lincoln.....Canal 1690
See our Catalog Space, page 944

ELECTRICAL MACHINERY & REPAIRS

MASSACHUSETTS

BOSTON

Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

OHIO

CINCINNATI

Underwood Electric Co, 309 Sycamore....Canal 590

ELECTRICAL MACHINERY AND SUPPLIES

NEW YORK

NEW YORK CITY

Morris Elmer P, 136 Liberty.....Rector 826

ELECTRICAL MACHINISTS

ILLINOIS

CHICAGO

Corbin & Guion, 309 S Desplaines.....Monroe 5098

ELECTRICAL MFRS.

PENNSYLVANIA

PHILADELPHIA

Clay Electric Co (Expert Punch & Die Makers), 3437 York Rd.....Tioga 4280

ELECTRICAL MARINE EQUIPMENT

NEW HAMPSHIRE

PORTSMOUTH

Portsmouth Foundry Co, 138 Bridge.Portsmouth 815-M

ELECTRICAL&MECH EQUIPMENT (FURNISHED & INSTALLED)

OHIO

CLEVELAND

Cuyahoga Power Construction Co The, American Trust bldg....Bell-Main 3390 Ohio State-Central 8390-R

ELECTRICAL AND MECHANICAL POWER APPARATUS, MNFRS.

ILLINOIS

CHICAGO

Pearson John W Co, 839-41 W Lake.....Monroe 5838

ELECTRICAL AND MECHANICAL REPAIRS

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

ELECTRICAL MERCHANDISE

MASSACHUSETTS

BOSTON

Lewis Electrical Supply Co, Federal st....Main 7430

ELECTRICAL PATENTS SECURED

NEW YORK

NEW YORK CITY

Munn & Co, 233 Broadway.....Barclay 8064

ELECTRICAL REPAIR SHOPS

ILLINOIS

CHICAGO

Chicago Electric Construction Co, 740 W Van Buren .....Monroe 4351
Gregory Electric Co, 16th and Lincoln....Canal 1690
See our Catalog Space, page 944
Pearson John W Co, 839-41 W Lake.....Monroe 5838
Thompson & Jameson, 126-128 S Clinton.Franklin 5547

MASSACHUSETTS

BOSTON

Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

NEW YORK

BUFFALO

Heilman Fred R Motor Works, 442 Niagara .....Tupper 845

OHIO

CINCINNATI

Cincinnati Electrical Repair Co, 822 Sycamore .....Main 2183
General Electrical Repair Co, 130 W 3d....Main 3693
Glow Electric Co The, 221-23 Walnut.....Main 1795
Sullivan G W & Co, 118 Opera pl.....Canal 3608
Whittle-Cook Electric Co, 304 E 3d.....Main 661

CLEVELAND

Cleveland Armature Works, 4732 St Clair av N E .....Rosedale 2954

WISCONSIN

MILWAUKEE

Sorgel Electric Co, 138 West Water.....Grand 290
Trester Service Electric Co, 47 Oneida.....Main 2466

ELECTRICAL REPAIRS, ARMATURE & FIELD COIL WINDING

KENTUCKY

LOUISVILLE

Krauth Wm C Electric Co, 115 W Market .....Home-City 7318

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

ELECTRICAL REPAIRS—MOTORS, DRILLS, GRINDERS

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church....Cortland 251

ELECTRICAL REPAIRS, SMALL ARMATURE WINDING

ILLINOIS

CHICAGO

Electric Repair Co, 30 S. Clark.....Randolph 2345

ELECTRICAL SLATE

ILLINOIS

CHICAGO

Davis Slate & Mfg Co, 618 E 40th.....Oakland 6880

ELECTRICAL AND STEAM EQUIPMENT (NEW AND USED)

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

ELECTRICAL SUPPLIES

DISTRICT OF COLUMBIA

WASHINGTON

National Electrical Supply Co, 1328 New York av.....Main 6800

ILLINOIS

CHICAGO

Central Electric Co, 316-326 S Wells....Wabash 2161
Peerless Light Co, 174 W Randolph.....Main 4640

KENTUCKY

LOUISVILLE

Walker-Lilly Electric Co, Realty bldg .....Bell-Main 1956 Home-City 8381

MARYLAND

BALTIMORE

Southern Electric Co, 16 Light.....St Paul 2050

MASSACHUSETTS

BOSTON

Wahn George H Co, 69-71 High.....Fort Hill 430

MINNESOTA

DULUTH

Northwestern Electrical Equipment Co, Foot of 7th av W.....Bell Melrose 828 Zenith Grand 828

ST PAUL

Northwestern Electrical Equipment Co, 174-178 E 6th N W.....Bell Cedar 525 Tri State 26440

NEW JERSEY

NEWARK

Agens & Co, 219 Market.....Mulberry 144

OHIO

COLUMBUS

Avery & Loeb Electric Co The, 114-116 N 3d.....Bell-Main 1385 Ohio State 11167

OKLAHOMA

MUSKOGEE

Empire Electrical Supply Co, 419 W Okmulgee .....Muskogee 732

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

SOUTH CAROLINA

SPARTANBURG

Montgomery & Crawford, Main &Broad.Spartanburg 376

ELECTRICAL SUPPLIES, (WHOLESALE)

ILLINOIS

CHICAGO

Co-Operative Electrical Supply House, 314 S Canal.....Haymarket 783

MINNESOTA

DULUTH

Universal Electrical Appliance Co 112 E Superior.....Bell-Melrose 7659 Zenith-Grand 475

ELECTRICAL SUPPLIES—(WHOLESALE & RETAIL)

OHIO

TOLEDO

Toledo Electric Sales Co, 508-510 Monroe .....Bell-Main 1066 Ohio State-Main 1066

ELECTRICAL SUPPLIES, HEATING APPLIANCES, ETC.

COLORADO

DENVER

New England Electric Co The, 1951-3 Lawrence .....Main 610

ELECTRICAL SUPPLIES, JOBBERS, CONTRS & RETAILERS

OHIO

DAYTON

Hall Wm Electric Co The, 115-17 E 3d .....Bell-Main 1601 Ohio State 3174

ELECTRICAL SUPPLIES AND JOBBERS

PENNSYLVANIA

SCRANTON

Fullerton Electric Corporation, 519 Linden .....Bell 6680 Independent 71

ELECTRICAL SUPPLIES, JOBBERS AND RETAILERS

PENNSYLVANIA

PHILADELPHIA

Central Elec & Lock Co, 12 N 18th....Bell-Filbert 5152
.....Keystone-Race 5547-D
Philadelphia Electric Company, Supply Dept The, 132 S Eleventh..Bell-Walnut 2605
..Keystone-Main 100
Rumsey Electric Co, 1231 Arch.....Bell-Spruce 1516
.....Keystone-Race 2130
Schimmel Electric Supply Co, 318 Market .....Bell-Lombard 452
.....Keystone-Main 4250
Stewart Frank H Electric Co, 37 and 39 North 7th.....Bell-Market 1874
.....Keystone-Main 181

ELECTRICAL SUPPLIES AND LIGHTING FIXTURES

CONNECTICUT

HARTFORD

Electric Supply & Equipment Co The Inc, 103 Allyn.....Charter 4577

NEW YORK

ALBANY

Electric Supply & Equipment Co The Inc, 278-84 Broadway.....Main 381

PENNSYLVANIA

SCRANTON

Electric Supply & Equipment Co The Inc, 116 Cliff.....Scranton 5150

ELECTRICAL SUPPLIES AND MACHINERY

INDIANA

EVANSVILLE

Varney Electrical Supply Co The, 204 Upper First .....Evansville 2988

ELECTRICAL SUPPLY DEALERS

VIRGINIA

NORFOLK

Atlantic Electric Co Inc, 428 Granby....Norfolk 6600

ELECTRICAL AND TELEPHONE SUPPLIES

IOWA

CEDAR RAPIDS

Terry J B Co, 411, 7th av.....Cedar Rapids 1329

ELECTRICAL TESTING

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

NEW YORK

NEW YORK CITY

Electrical Testing Laboratories, 80th & East End av.....Lenox 5513

ELECTRICAL TOYS

ILLINOIS

CHICAGO

Swedish American Telephone Mfg Co, 5235 Ravenswood av .....Ravenswood 884

ELECTRICAL WIRE

ILLINOIS

CHICAGO

Belden Mfg Co (Rubber Covered and Lamp Cord "Beldenite," Magnet and Resistance "Beldenamel," "Cables, Cordage) 2311 S Western av .....Canal 3480

ELECTRICAL WIRE & CABLES

ILLINOIS

CHICAGO

Chicago Insulated Wire & Mfg Co, Monadnock bldg .....Harrison 1059

SYCAMORE

Illinois Wire & Cable Co, 327 Edward..Sycamore 69

PENNSYLVANIA

PHILADELPHIA

Harris S A & Co, 119 S 4th.....Lombard 2622

ELECTRICAL WIRING SPECIALTIES—MANUFACTURERS

OHIO

CLEVELAND

Standard Electrical Specialties Mfg Co, 504 Prospect av S E.....Bell-Main 5376
.....Ohio State-Central 295

ELECTRICAL WOOD WORK

ILLINOIS

CHICAGO

Lapierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

ELECTRICALLY WELDED STEEL TANKS

NEW JERSEY

GARWOOD

Beckley Perforating Co, 200 North av...Westfield 737

ELECTRICIANS

ILLINOIS

CHICAGO

Chicago Electric Construction Co, 740 W Van Buren .....Monroe 4351

ELECTRICIANS' AND ACID RUBBER GLOVE MFRS.

OHIO

CLEVELAND

Aetna Rubber Co. 815 East 79th.....Rosedale 732

ELECTRICIANS, MOTOR REPAIRS, ARMATURE WINDING

NEW JERSEY

JERSEY CITY

Baldwin & Copeland, 16 Yale av.....Bergen 968

ELECTRO GALVANIZERS

ILLINOIS

CHICAGO

Meaker Galvanizing Co Fulton & Elizabeth.Monroe 2049

ELECTRO—MEDICAL APPARATUS

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449

ELECTRO PLATERS

ILLINOIS

CHICAGO

Bagley Alex T Co, 318 S Canal.....Harrison 1247

MICHIGAN

DETROIT

Central Plating Co, 76 State.....Cherry 1182-J

MISSOURI

ST LOUIS

Rick-Felton Plating & Mfg Co, 4219 Olive .....Bell-Lindell 1498
.....Kinloch-Central 1347

NEW JERSEY

BLOOMFIELD

Harrison Lock & Electroplating Works, Bloomfield av & Grove.....Branch Brook 437

NEWARK

Merigold Electro Plating Co Inc, 97 Chestnut .....Market 7277

RHODE ISLAND

PROVIDENCE

National Mfg & Electro Plating Co, 16 Calender .....Union 1053

ELECTRO PLATERS, ALL FINISHES—ZINC RUST-PROOF

MICHIGAN

BENTON HARBOR

Benton Harbor Plating Co, 100, 2d.Benton Harbor 1472

ELECTRO PLATERS—GOLD, SILVER AND NICKEL

NEBRASKA

OMAHA

Omaha Plating Co, 705 S 16th.....Douglas 2535

ELECTRO PLATERS' SUPPLIES

MICHIGAN

DETROIT

Stevens Frederic B, cor Larned and 3d.....Main 2470

OHIO

CINCINNATI

Buchanan Thos Co The, 29 W 8d.....Main 525

ELECTRO PLATING AND GALVANIZING

PENNSYLVANIA

JOHNSTOWN

Cambria Electro Plating & Galvanizing Co, 209 Hickory.....City 811

ELECTRODES—CARBON

OHIO

CLEVELAND

National Carbon Co Inc, Madison av N W and W 117th....Bell-Edgewater 1100 Ohio State-Highland 500

ELECTROLYTE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

ELECTROTYPE—STEREOTYPE—WAX ENGRAVING

MICHIGAN

DETROIT

Michigan Electrotype & Stereotype Co, 173 W Fort .....Main 1972

ELECTROTYPERS

ILLINOIS

CHICAGO

Barnett Jos H & Co, 508 S Dearborn.....Harrison 1389
Dinse Page & Co, 725-733 S LaSalle...Harrison 7185
Hawtin Engraving Co The, 19 S Wells.....Main 4103
Rapid Electrotype Co The, 53 W Jackson bl .....Wabash 7629
See our Catalog Space, page 946
Rogers & Hall Co, 120 Polk.....Wabash 3381
See our Catalog Space, page 996
Simpson Bevans & Co, 322 W Washington..Main 4757

MOLINE

Desaulniers & Co, Caxton blk.....Moline 215

MICHIGAN

DETROIT

Adzit Electrotype Co, Joseph Mack bldg 63 Elizabeth .....Cadillac 5388

NEW YORK

NEW YORK CITY

Commercial Cut Co The, (50,000 Trade and Advertising Cuts Always in Stock, Illustrated Catalogue 288 Pages, Electrotypes, Photo Engravings, Halftones. Lowest Prices) 46 Beekman .....Beekman 1574
Rapid Electrotype Co The, 200, 5th av.Gramercy 745
See our Catalog Space, page 946

OHIO

CINCINNATI

National Electrotype Foundry, Commercial Tribune bldg.....Canal 3433
Rapid Electrotype Co The, Canal nr Race.Canal 3578
See our Catalog Space, page 946

CLEVELAND

Art Electrotype Foundry Co The, 1104 Prospect av S E....Bell-Prospect 890 Ohio State-Central5673-L

PENNSYLVANIA

PITTSBURGH

Standard Electrotype Co, Barker pl....Bell-Grant 2333 .....Pitt 1111

ELECTROTYPERS & ENGRAVERS

OHIO

CLEVELAND

Cleveland Electrotype Co, 2171 E 24 .....Bell-Main 1753-J Ohio State-Central 4982-W

ELECTROTYPERS' AND ENGRAVERS' WOOD BACKING

MICHIGAN

LUDINGTON

Carron Co The, Ludington av.....Ludington 166

ELECTROTYPERS' & STEREOTYPERS' MACH & SUPPLIES

NEW YORK

NEW YORK CITY

Wesel F Mfg Co, 72-80 Cranberry, Bklyn..Main 4540

ELECTROTYPERS' SUPPLIES

OHIO

CINCINNATI

Dom G C Supply Co, 125 E Pearl.....Main 903

ELEVATING AND CONVEYING MACHINERY

ILLINOIS

CHICAGO

Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200

MINNESOTA

MINNEAPOLIS

Rose Frank J Co, Corn Exchange bldg....Main 1502

PENNSYLVANIA

PITTSBURGH

Chain Belt Co, Second Natl Bank bldg....Grant 6715

WISCONSIN

MILWAUKEE

Chain Belt Co, 762 Park.....Hanover 3000

ELEVATING CONVEYING & POWER TRANSMISSION MACHINERY

ILLINOIS

AURORA

Stephens-Adamson Mfg Co, Ridgeway & C B & Q RR.....Aurora 310

CHICAGO

Gump B F Co, 431-437 S Clinton.....Wabash 965
Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

DECATUR

Union Iron Works, Morgan and William.....Main 51

ELEVATING TRUCKS

CALIFORNIA

SAN FRANCISCO

Lewis-Shepard Company (O E Falch Jr, Agt) Hearst bldg.....Kearney 3970

ILLINOIS

CHICAGO

Lewis-Shepard Company (E L Koenig, Agt) 136 W Lake.....Franklin 3781

MASSACHUSETTS

BOSTON

Lewis-Shepard Company, 48 Binford....Fort Hill 1368

MISSOURI

ST LOUIS

Lewis-Shepard Company (Jas O Coleman, Agt) 4021a Shaw av.....Grand 4716-J

NEW JERSEY

NEWARK

Lewis-Shepard Company (The Fairbanks Co, Agts) 90 Academy.....Market 4982

NEW YORK

BUFFALO

Lewis-Shepard Co, (Power City Supply Co, Agts), Prudential bldg.....Seneca 3029

NEW YORK CITY

Lewis-Shepard Co (L M Cain Co, Agts) 261 Broadway .....Barclay 8020

OHIO

CLEVELAND

Lewis-Shepard Company (H S Sharpe, Agt) Swetlandbldg Bell-Prospect 128 Ohio State-Central7742-W

PENNSYLVANIA

PHILADELPHIA

Lewis-Shepard Company (T Lynch Hubbard, Agt), Hale bldg.. .....Walnut 5361

ELEVATOR CABS

ILLINOIS

CHICAGO

Aetna Iron & Wire Company, 119-123 N Sheldon .....Haymarket 1877
Guaranty Iron & Wire Co, 2851 W Lake.Garfield 7259

ELEVATOR CABS & ENCLOSURES

INDIANA

INDIANAPOLIS

Central Wire & Iron Works, 140 E Georgia.....Bell-Main 5069 Automatic 26-576

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av.....North 6123

OHIO

CINCINNATI

Newman Mnfg Co, 717-721 Sycamore.....Canal 713

ELEVATOR CABS, ENCLOSURES AND FOLDING GATES

ILLINOIS

QUINCY

Van Dorn Co The, Second & Vermont.....Main 3453

ELEVATOR DOOR HANGERS

NEW YORK

NEW YORK CITY

La Brocq Company The, 46 Lexington av, Bklyn .....Prospect 3713

ELEVATOR DOOR LOCK SAFETY DEVICES

NEW YORK

NEW YORK CITY

Boedtcher Franz A, 359 W 42d.....Bryant 4262

ELEVATOR DOORS

ILLINOIS

CHICAGO

Guaranty Iron & Wire Co, 2851 W Lake..Garfield 7259

INDIANA

RICHMOND

Richmond Safety Gate Co, N 15th & Pen R R.....Richmond 1809

ELEVATOR ENCLOSURES

ILLINOIS

CHICAGO

Aetna Iron & Wire Company, 119-123 N Sheldon ..... Haymarket 1877
Chicago Wire Iron & Brass Works The, 2340 Nelson ..... Wellington 6676

MISSOURI

ST LOUIS

Usona Mfg Co, 822 S 18th..... Olive 3433

TEXAS

DALLAS

Southern Wire & Iron Co, Harwood & Terminal R R..... Edgewood 232

ELEVATOR GATES, FOLDING

NEW YORK

NEW YORK CITY

Hopkins & Co, 199 Franklin..... Franklin 3782

ELEVATOR GATES, HYDRAULIC, ELEC. & PNEUMATIC OPERATORS

ILLINOIS

QUINCY

Quincy Elevator Gate Co (For Elevator gates & doors of any size or weight) 235 N 7th..... Main 2056-J

ELEVATOR REPAIRS & SUPPLIES

ILLINOIS

CHICAGO

Prince Elevator Co, 231-233 W Grand av. Superior 1095

NEW YORK

NEW YORK CITY

Gillespie James F Co The, 3d st and 6th av. Spring 9529

ELEVATOR SAFETY APPLIANCES

NEW YORK

NEW YORK CITY

Le Brocq Company The, 46 Lexington av, Bklyn ..... Prospect 3713

ELEVATOR SAFETY DEVICES

NEW YORK

NEW YORK CITY

Slade Elevator Co, 1565 Park av..... Harlem 386

ELEVATOR SAFETY GATES

INDIANA

RICHMOND

Richmond Safety Gate Co, N 15th & Penn R R..... Richmond 1809

ELEVATORS

ILLINOIS

CHICAGO

Colley Elevator Co (Agts F Rosenberg Elevator Co) 522 W Monroe..... Franklin 593
Kaestner & Hecht Co, 500 Throop..... Haymarket 6840
Prince Elevator Co, 231-233 W Grand av. Superior 1095
Reliance Elevator Co, 212 W Austin av. Franklin 3065

MOLINE

Montgomery Elevator Company, 2001, 1st av ..... Moline 1280

MASSACHUSETTS

CAMBRIDGE

Payne F S Co, Richdale av..... Cambridge 4376

MICHIGAN

DETROIT

Kaestner & Hecht Co, 9 Fort E..... Cherry 2394

MISSOURI

ST LOUIS

Kaestner & Hecht Co, Central Natl Bank bldg. Olive 1607

NEW YORK

COHOES

Cohoes Iron Foundry & Machine Co The, 37 Van Rensselaer ..... Cohoes 46

OHIO

CINCINNATI

Warner Elevator Mfg Co The, 2600 Spring Grove av ..... West 1002

WISCONSIN

MILWAUKEE

Kaestner & Hecht Co, 250 Milwaukee..... Main 2632

ELEVATORS, AUTOMATIC, MERCHANDISE

PENNSYLVANIA

ELLWOOD CITY

Mathews Gravity Carrier Co, ... Ellwood City 201

ELEVATORS, BUILDERS & REPAIRERS

OHIO

CINCINNATI

Cincinnati Elevator Works, Inc, 212-14-16 W. Second ..... Main 2295

ELEVATORS—CELLAR WINDOW

NEW YORK

BUFFALO

Ernst Chas K, 1003 E Ferry..... Oxford 2240-W

ELEVATORS, FREIGHT AND PASSENGER

ILLINOIS

CHICAGO

Kaestner & Hecht Co, 500 Throop..... Haymarket 6840
Prince Elevator Co, 231-233 W Grand av. Superior 1095
Wheeler Elevator Co, 1121-1123 Washing bl ..... Monroe 1050

MOLINE

Montgomery Elevator Company, 2001, 1st av ..... Moline 1280

INDIANA

INDIANAPOLIS

Home Elevator Co The, 212-214 South Pennsylvania..... Bell-Main 5408 Automatic 26-503

KENTUCKY

LOUISVILLE

American Elevator & Machinery Co, 500 E Main ..... Bell-Main 1115 Home-City 1115

MASSACHUSETTS

CAMBRIDGE

Payne F S Co, Richdale av..... Cambridge 4376

MINNESOTA

MINNEAPOLIS

Lagerquist Gust, 516-518 N 3d..... Bell-Main 1957 Tri State 37108

ST PAUL

Dahlquist Machinery Co, 240 S Exchange ..... Bell-Cedar 7498 Tri State 24249

MISSOURI

KANSAS CITY

Kansas City Elevator Mfg Co, 2601-7 Madison av ..... Bell-Grand 384 Home-Main 4384
Rafiner Elevator Works, 112 W 3d ..... Bell-Main 1780 Home-Main 1780

ELEVATORS, FREIGHT HAND AND POWER

INDIANA

DECATUR

Decatur Foundry, Furnace, Machine Co... Decatur 555

ELEVATORS, NEW & SECOND HAND

MISSOURI

KANSAS CITY

Rafiner Elevator Works, 112 W 3d ..... Bell-Main 1780 Home-Main 1780

ELEVATORS PATENT AUTOMATIC

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 780

ELEVATORS—SIDEWALK

NEW YORK

BUFFALO

Ernst Chas K, 1003 E Ferry..... Oxford 2240-W

EMBALMERS

NEW YORK

NEW YORK CITY

Hopper J M, (Willis E Stafford & Son) 120-122 Livingston, Bklyn..... Main 180

EMBLEM MANUFACTURERS

RHODE ISLAND

PROVIDENCE

Williams & Anderson Co The, 33 Broad... Union 2580

EMBLEMS, ENAMELED & CELLULOID BUTTONS, PINS & JEWELS

ILLINOIS

CHICAGO

Goodell James M Jr Inc, 150 N Laramie av ..... Austin 119

EMBOSSED SIGNS AND SHOW CARDS

ILLINOIS

CHICAGO

Common Sense Novelty Co, 972-980 Montana ..... Lincoln 5405

EMBOSSERS, HAND AND DESK FOR EMBOSSING DOCUMENTS

NEW YORK

NEW YORK CITY

Roovers Bros, 100 Sehermerhorn Bklyn....Main 3780

EMBOSSERS & STAMPERS

NEW YORK

NEW YORK CITY

Benze Bros Co, Est 1890, 110-112 Fifth av.Chelsea 8310

EMBOSSING

ILLINOIS

CHICAGO

Kennedy Embossing Co, 610 Federal....Harrison 7199

EMBOSSING COMPOSITION

NEW YORK

NEW YORK CITY

Aljo Manufacturing Co, 150 Nassau....Beekman 4282

EMBOSSING DIES

ILLINOIS

CHICAGO

Eckebrecht O & Co, 542 S Dearborn....Harrison 3626

EMBOSSING DIES (FOR BOOKS, CATALOGS, ETC.)

MINNESOTA

ST PAUL

Northwestern Stamp Works, 110 E 3d Bell-Cedar 5896
.....Tri State 21546

EMBOSSING DIES & PLATES

NEW JERSEY

NEWARK

Standard Embossing Plate Mfg Co, 57
Branford .....Waverly 4009

EMBOSSING—EMBOSSERS OF SILK, COTTON AND LEATHER

NEW YORK

NEW YORK CITY

Consolidated Embossing Co, 407 Broome st.Spring 8718

EMBOSSING PRESSES

CONNECTICUT

MYSTIC

Standard Machinery Co, Water.....Mystic 20

NEW YORK

NEW YORK CITY

Standard Machinery Co, 41 Park Row
(Branch) .....Cortland 1177

EMBOSSING PRESSES—MFRS.

OHIO

DAYTON

Seybold Machine Co The, Louie & Garst.Bell-Main 1149
.....Ohio State 3149

EMBOSSING SEALS & PAPER WORK

NEW YORK

NEW YORK CITY

Krause Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965

EMBROIDERERS & EMBROIDERIES (MNFRS.)

NEW YORK

NEW YORK CITY

Boulevard Lace & Embroidery Co Inc,
489 Fifth av .....Vanderbilt 4540

EMBROIDERIES—MADERIA—CUT WORK & MOSAIC

NEW YORK

NEW YORK CITY

Bardwil Bros, 80 Washington....Bowling Green 9430
Hamrah Bros, 78 Washington.....Bowling Green 9138

EMBROIDERY

ILLINOIS

CHICAGO

Raven Joseph B & Co, 324 S Market....Wabash 610

NEW YORK

BUFFALO

Eastman W C, 223 Delaware.....Seneca 1373-J

EMBROIDERY, GOLD, SILVER & SILK

NEW YORK

NEW YORK CITY

Kraus I, 134 Clinton.....Orchard 1728

EMBROIDERING MACHINES

NEW YORK

NEW YORK CITY

Ahlstrom O J, 711 Broadway.....Spring 1283
Durbrow & Hearne Mfg Co, 12 Wooster...Canal 8669
See our Catalog Space, page 1006

EMERY

MASSACHUSETTS

CHESTER

Masf Grinding Wheel Corporation.....Chester 3-2

SPRINGFIELD

Hampden Corundum Wheel Co.....Walnut 1866

NEW YORK

LOCKPORT

Niagara Emery Mills Inc, Lockport N Y.Lockport 1324

NEW YORK CITY

Niagara Emery Mills Inc, 50 Broad.....Broad 5560

EMERY CLOTH, SAND PAPER AND GARNET PAPER

CALIFORNIA

SAN FRANCISCO

United States Sand Paper Co (Wright &
Lacy, Representatives), 244 California.Douglas 4497

LOUISIANA

NEW ORLEANS

United States Sand Paper Co (Mrs Leo Samson,
Representative), Hennen bldg.....Main 2381

MASSACHUSETTS

BOSTON

United States Sand Paper Co (E F Russ,
Representative), 201 Devonshire....Fort Hill 6051

MICHIGAN

DETROIT

United States Sand Paper Co (A J Greene,
Representative), 30-32 Woodbridge av.Cherry 2571-R

MISSOURI

KANSAS CITY

United States Sand Paper Co (Thompson,
Munro & Robins, Representatives) 1202
Union av .....Main 253

ST LOUIS

United States Sand Paper Co (Thompson,
Munro & Robins, Representatives) Wright
bldg .....Olive 819

NEW YORK

NEW YORK CITY

United States Sand Paper Co (Crowell &
Lehnhardt, Representatives), 86 Warren.Barclay 5680

PENNSYLVANIA

PHILADELPHIA

United States Sand Paper Co (Leonard R
Winters, Representative), Widener bldg.Walnut 3741

WILLIAMSPORT

United States Sand Paper Co, 1560
Erie av .....Williamsport 502

EMERY WHEEL DRESSER & STEAM FLUE CLEANERS

OHIO

CLEVELAND

Cleveland Flue Cleaner Mfg Co, 321
Frankfort av NW .....Central 3107-R

EMERY WHEEL DRESSERS

OHIO

SPRINGFIELD

Western Tool & Mfg Co The, Burt & Pleasant.Main 1012

EMERY WHEEL DRESSERS—MNFRS.

CONNECTICUT

SOUTHINGTON

Southington Hardware Co, 168 Center.Southington 52

EMERY WHEELS

OHIO

DAYTON

Dayton Grinding Wheel Co, Summit Bell-Fairview 264
and Negley pl.....Ohio State 2912

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Grinding Wheel Co The,
Wayne av and Berkley.....Wyoming 2913

EMERY WHEELS AND CORUNDUM WHEELS

ILLINOIS

CHICAGO

Goodrich A Inc, 1500 W Madison.....Monroe 1023

MASSACHUSETTS

WESTFIELD

Vitrified Wheel Co, Emery st.....Westfield 1080

EMPLOYMENT AGENCIES

ILLINOIS

CHICAGO

Engineering Agency The, Monadnock blk..Harrison 4056
Trueblood V G & Co, Engineering, Commercial and Educational service throughout the entire United States, 19 S Lasalle.....Randolph 2171

MICHIGAN

DETROIT

Conway Employment Agency, 131 Wayne.Cadillac 5992
Rudolph's Employment Agency, 149 Third st .....Cherry 2444

MISSOURI

KANSAS CITY

Kansas City Engineering Agcy, Railway Exch .....Bell-Main 812 Home-Main 8532

EMPLOYMENT AGENCIES, BANKING AND COML. HELP

MINNESOTA

MINNEAPOLIS

Minneapolis Service Co, Loeb Arcade....Nicollet 5076

EMPLOYMENT AGENCIES FOR COMMERCIAL HELP

MINNESOTA

MINNEAPOLIS

Commercial Clearing House, Palace bldg .....Bell-Nicollet 3001 Tri State 32092

EMPLOYMENT AGENCIES—OFFICE HELP A SPECIALTY

MICHIGAN

DETROIT

Detroit Bond & Reference Co Inc, Empire bldg .....Main 1471

EMPLOYMENT AGENCIES—SUMMER HOTEL & FARM HELP

NEW YORK

NEW YORK CITY

Noel's Employment Agency (Reliable Help, Male, Female, White, Colored), 809, 6th av between 47th and 48th sts.....Bryant 9264

EMPLOYMENT BROKERS

ILLINOIS

CHICAGO

Merchants Clerical Employment Exchange, 133 W Washington .....Main 1093

ENAMEL

ILLINOIS

CHICAGO

Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
Harrison Works (Owned and operated by E I Du Pont De Nemours & Co) 2001 Mendell.Monroe 3286

MICHIGAN

DETROIT

Trus-Con Laboratories, The Caniff & GT RR .....Hemlock 2727

MINNESOTA

MINNEAPOLIS

Harrison Works (Owned and operated by E I Du Pont De Nemours & Co) 918, 4th...Nicollet 567

NEW YORK

NEW YORK CITY

DuPont Chemical Works, Equitable bldg 120 Bway .....Rector 5727
Harrison Works (Owned and operated by E I Du Pont De Nemours & Co), 80 Maiden Lane.John 6444

PENNSYLVANIA

PHILADELPHIA

Harrison Works (Owned and operated by E I Du Pont De Nemours & Co) 35th st and Gray's Ferry road .....Dickinson 50

PITTSBURGH

Impervious Metal Corporation 421 Wood...Court 1007

ENAMEL AND PAINT MAKERS

ILLINOIS

CHICAGO

Bradley & Vrooman Co, 2632 S Dearborn.Calumet 693

PENNSYLVANIA

PITTSBURGH

Impervious Metal Corporation 421 Wood...Court 1007

ENAMEL FURNACES

NEW YORK

NEW YORK CITY

Hermansen A, Woolworth bldg.....Barclay 7666

ENAMEL PAINTS

ILLINOIS

CHICAGO

Rosenbush & Soloman Inc, 23-27 S Desplaines .....Monroe 3893

NEW YORK

NEW YORK CITY

Montauk Paint Mfg Co, 170-172, 2d av Bklyn .....South 5076

ENAMELED BATH TUBS, SINKS, LAVATORIES, ETC.

OHIO

SALEM

National Sanitary Co The, Depot.....Salem 273

ENAMELED IRON SIGNS MNFRS.—PORCELAIN

NEW YORK

BUFFALO

Ingram-Richardson Mfg Co, 405 Ellicott sq .....Federal 1829

NEW YORK CITY

Ingram-Richardson Mfg Co, 100 William....John 2394

ENAMELED NOVELTIES

NEW YORK

NEW YORK CITY

Beegee Co, (Erasers, Clutch Pencils & Specialties) 1133 Bway .....Farragut 8985
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ENAMELED PLUMBING WARE

WISCONSIN

KOHLER

Kohler Co .....Kohler 1230

ENAMELED SIGNS AND NOVELTIES

NEW YORK

NEW YORK CITY

Manhattan Dial Mfg Co, 40 Lexington av Bklyn .....Prospect 1830

ENAMELED SIGNS—STENCILS—BADGES, ETC.

NEW YORK

NEW YORK CITY

Reese S W Co, 44 Vesey.....Cortland 3097

ENAMELED SPECIALTIES

OHIO

CLEVELAND

Enamel Products Co The, Eddy rd and Taft av .....Eddy 4106

ENAMELED SPECIALTIES—PORCELAIN—IRON AND STEEL

NEW YORK

NEW YORK CITY

Ingram-Richardson Mfg Co, 100 William...John 2394

ENAMELED STEEL & IRON SIGNS

ILLINOIS

CHICAGO

Enameled Steel Sign Co, 222 N State....Central 4181

NEW YORK

NEW YORK CITY

Abbot Ready Made Signs, 25 E 26th.....Mad Sq 2685
Enameled Iron Sign Co. 20 E 27th.....Mad Sq 4919

ENAMELED STEEL AND IRON SIGNS AND NAME PLATES

NEW YORK

NEW YORK CITY

Miller & Miller, 17 W 42d.....Vanderbilt 1235

ENAMELED STEEL SIGNS

TENNESSEE

NASHVILLE

Independent Advertising Co, Independent bldg.Main 2600

ENAMELED STORE PARTS, TABLE TOPS & IRON SIGNS

OHIO

CLEVELAND

Enamel Products Co The, Eddy rd and Taft av ..... Eddy 4106

ENAMELED WARE

NEW YORK

NEW YORK CITY

Knauth Bros, 220, 4th av cor 18th.... Stuyvesant 2523
See our Catalog Space, page 960

ENAMELED WARE MANUFACTURERS

OHIO

SEBRING

Strong Mfg Co ..... Bell Sebring 30
..... Ohio State 81

ENAMELED WARE MNFRS. (HOUSEHOLD AND HOSPITAL)

INDIANA

TERRE HAUTE

Columbian Enameling & Stamping Co.. Bell-Main 331
..... Citizens 742

ENAMELED WARES (COOKING UTENSILS)

ILLINOIS

CHICAGO

Coonley Mfg Co, 139 N Clark..... Randolph 2243
Great Northern Mfg Co, 215 W Randolph. Franklin 5436

OHIO

MASSILLON

American Stamping & Enameling Co.... Massillon 536

WEST VIRGINIA

HUNTINGTON

Ohio Valley Enameling Co, 30th st West Huntington 244

WISCONSIN

SHEBOYGAN

Vollrath Co The..... Sheboygan 7

ENAMELERS

OHIO

CLEVELAND

Cleveland Enameling & Mfg Co The, Bell-Garfield 672
10012 Quincy av ..... Ohio State-Princeton 756

ENAMELERS ON WOOD (RUBBEROID, JET & FANCY COLORS)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av..... Greeley 4820

ENAMELERS AND WOOD TURNERS

OHIO

AKRON

Baker McMillen Co The, 134 East Miller av ..... Bell-Main 100
..... Ohio State 2984

ENAMELING ON COPPER, STEEL OR CAST IRON

NEW YORK

NEW YORK CITY

Manhattan Dial Mfg Co, 40 Lexington av Bklyn ..... Prospect 1830

ENAMELING OVEN MNFRS.

CONNECTICUT

HARTFORD

Cullen & Atkinson Co The, 120 Allyn.... Charter 6548

ENAMELING—PORCELAIN

MICHIGAN

DETROIT

Porcelain Enameling & Mfg Co, 1268 Bellevue av ..... Ridge 1627

MISSOURI

ST LOUIS

Missouri Enameling & Mfg Co, 2244 Dickson ..... Tyler 922

ENAMELING AND JAPANNING

PENNSYLVANIA

PITTSBURGH

Impervious Metal Corporation 421 Wood.. Court 1007

ENAMELING AND JAPANNING OF EVERY DESCRIPTION

PENNSYLVANIA

PHILADELPHIA

Quaker City Japanning and Enameling Co, 916 Cherry ..... Walnut 5356

ENAMELING & PLATING

MISSOURI

KANSAS CITY

McCreary Plating Co, 401 Wyandotte ..... Bell-Main 789
..... Home-Main 6924

ENAMELITE FOR SELECTIVE HARDENING

ILLINOIS

CHICAGO

Bell & Gossett Co, 611 W 30th..... Boulevard 2067

ENGINE AND BOILER APPLIANCES—MNFRS.

NEW YORK

BUFFALO

Sherwood Mnfg Co, 1710 Elmwood av..... North 2603

ENGINEERING SERVICE BUREAU

OHIO

CLEVELAND

Cleveland Engineering Agency Co The, Rose bldg ..... Main 1129

ENGINEERING SPECIALTIES, STEAM & WATER

MASSACHUSETTS

BOSTON

d'Este Julian Company, Steam & Water Pressure Regulators & Steam Traps. Illustrated Catalog on request, 26 Canal ..... Haymarket 402

ENGINEERS

ARKANSAS

TEXARKANA

Christian C S, State Natl Bank..... Texarkana 990

CALIFORNIA

SAN FRANCISCO

Hunt Robert W & Co, 251 Kearney..... Kearney 4635

CANADA

MONTREAL, QUEBEC

Hunt Robert W & Co Ltd, McGill bldg..... Main 4723

TORONTO, ONTARIO

Hunt Robert W & Co Ltd, Traders Bank bldg ..... Main 6015

VANCOUVER, B. C.

Hunt Robert W & Co Ltd, Standard Bank bldg ..... Seymour 2199

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson, Incorporated, 1089 Broad ..... Barnum 4800

ENGLAND

LONDON

Hunt Robert W & Co, Norfolk House Cannon St E C ..... City 7372

ILLINOIS

CHICAGO

Atkins Charles G, Monadnock blk..... Harrison 2135
Byllesby H M & Co, 208 S LaSalle..... Wabash 821
Hunt Robert W & Co, General Offices, Insurance Exch ..... Wabash 872
Stebbings W L, Monadnock blk ..... Harrison 258

MISSOURI

KANSAS CITY

Archer E T & Company, New England bldg ..... Bell-Main 5992
..... Home-Main 4399
Hunt Robert W & Co, Orear-Leslie bldg.... Main 2737

ST LOUIS

Hunt Robert W & Co, Syndicate Trust bldg ..... Olive 1884

NEW YORK

NEW YORK CITY

Byllesby H M & Co, 111 Bway..... Rector 3461
Hermansen A, Woolworth bldg..... Barclay 7666
Hunt Robert W & Co, 90 West..... Rector 3709
Smith Frank Hill Inc, 120 Broadway.... Rector 7279

OHIO

CINCINNATI

Hunt Robert W & Co, Gerke bldg..... Canal 5413

DAYTON

Smith Frank Hill Inc, Reibold bldg..... Main 5354

PENNSYLVANIA

PITTSBURGH

Hunt Robert W & Co, Monongahela Bank bldg ..... Grant 1478

TEXAS

DALLAS

Hunt Robert W & Co, Busch bldg..... Main 4657

WASHINGTON

SEATTLE

Hunt Robert W & Co, Metropolitan bldg.... Main 563

ENGINEERS—AUTOMATIC OPERATIONS

OHIO

TIFFIN

Schaffer Engineering & Equipment Co The .....Tiffin Ohio-Bell 62

ENGINEERS, CHEMICAL

NEW YORK

ROCHESTER

Will Corp The (Reports, Investigations, Research, Factory Processes) 262 East av.....Chase 4434

ENGINEERS—CIVIL

INDIANA

INDIANAPOLIS

Jeup & Moore, Indiana Trust bldg .....Bell-Main 765 Automatic 23-677

SOUTH CAROLINA

CHARLESTON

McCrady Bros & Cheves, 4 Broad.....Charleston 1036

ENGINEERS, CIVIL AND HYDRAULIC

WASHINGTON

YAKIMA

Hewitt Chas E, Miller bldg 1701 Summit View av .....Yakima 219

ENGINEERS, CIVIL AND MINING

PENNSYLVANIA

SCRANTON

Rittenhouse J H & Son, Connell bldg....Scranton 403

ENGRS. COMBUSTION, HIGH TEMPERATURE SPECIALISTS

MISSOURI

ST LOUIS

Russell Engineering Company, Railway Exchange bldg .....Olive 3763

ENGINEERS—COMBUSTION AND STEAM PRODUCTION

ILLINOIS

CHICAGO

Boiler Efficiency Engineers, 608 S Dearb.Harrison 401

ENGINEERS, CONSULTING

ILLINOIS

CHICAGO

Libby, Parrish & Huls, 327 S LaSalle...Harrison 384
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MASSACHUSETTS

LOWELL

Stevens John A (To save coal consult us) 8 Merrimack .....Lowell 2604

MINNESOTA

MINNEAPOLIS

Pillsbury Charles L Co, Metropolitan Life bldg .....Bell-Nicollet 164 Tri State 37026

NEW YORK

BUFFALO

Cundall & Powell, 80 W Genesee.....Seneca 721

NEW YORK CITY

Engel Godfrey Sr Construction Co, 30 Church .....Cortland 8421
See our Catalog Space, page 1012
Phillips & Worthington, 90 West.....Rector 3017

OHIO

CINCINNATI

Kelley Thos C, 2d Natl Bank bldg.....Canal 2351

DAYTON

Allen K B, U B bldg.....Main 7010

ENGINEERS—CONSULTING, CIVIL

OHIO

CLEVELAND

Thomas Edgar B (Docks, Piers, Shore Protection, Municipal), Guardian bldg.....Main 3684

ENGINEERS—CONSULTING & FLOOD PREVENTION

OHIO

DAYTON

Morgan Engineering Co, City National bank bldg .....Main 129

ENGINEERS, CONSULTING—FOUNDRIES & STEEL PLANTS

ILLINOIS

CHICAGO

Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
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ENGINEERS—CONSULTING, HEATING

OHIO

CLEVELAND

Roberts & Winslow Co The, Guardian bldg .....Bell-Main 710 Ohio State-Central 3254-R

ENGINEERS, CONSULTING, INDUSTRIAL & STRUCTURAL

NEW YORK

ROCHESTER

Fowler Herbert E, 262 East av.....Chase 4434

ENGINEERS, CONSULTING, MECHANICAL AND ELECTRICAL

INDIANA

INDIANAPOLIS

Bissell B W (Power, fuel economy, production, reports) 425 Board of Trade bldg .....Main 2957

MICHIGAN

DETROIT

Pratt & Henderson, Power Plant & Industrial Plants 30 Bates.....Cherry 4476

OHIO

TOLEDO

Lawrence, Seward & Whitcomb, 471-3 Spitzer bldg.....Bell-Main 8480 Ohio State-Main 5060

ENGINEERS, CONSULTING, MECHANICAL AND REFRIGERATING

MISSOURI

ST LOUIS

Tait & Nordmeyer Engineering Co, International Life bldg.....Olive 3658

ENGINEERS, CONSULTING AND MECHANICAL

NEW YORK

BUFFALO

Dollar W M, Marine Bank bldg.....Seneca 1733-W

OHIO

DAYTON

Ault Frank, (Designer of Special and Automatic Machines), U B bldg.....Main 9231

ENGINEERS, CONSULTING PETROLEUM AND NATURAL GAS

OKLAHOMA

TULSA

Peterson Frank P & Co, 604 E 3d.....Osage 6019

ENGINEERS, CONSULTING AND STRUCTURAL

ILLINOIS

CHICAGO

Glaver Joachim G, 80 E Jackson bl.....Wabash 8727

ENGINEERS, CONTRACTING

NEW YORK

NEW YORK CITY

Ordnance Engineering Corporation, 120 Bway .....Rector 4794
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ENGINEERS AND CONTRACTORS (ELECTRICAL & MECHANICAL)

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

ENGINEERS & CONTRACTORS (STRUCTURAL IRON & STEEL)

NEW JERSEY

TRENTON

Bugbee Newton A K & Co Inc, 206 E Hanover .....Trenton 1208

ENGINEERS—ELECTRICAL & MECHANICAL

ILLINOIS

CHICAGO

Atkins Charles G, Monadnock blk.....Harrison 2135

OHIO

CLEVELAND

Rae Frank B, Century bldg.....Main 3238

ENGINEERS—GASOLINE EXTRACTION PLANTS

OKLAHOMA

TULSA

Hope Engineering & Supply Co.....Osage 7240

PENNSYLVANIA

PITTSBURGH

Hope Engineering & Supply Co, Farmers Bank bldg .....Grant 1656

ENGINEERS HEATING & VENTILATING (LARGE STRUCTURES)

PENNSYLVANIA

YORK

Lindemuth Engineering Co Inc, 155 N George .....Bell-York 431M York 26-J

ENGINEERS, HOUSE MOVING, RAISING, SHORING

ILLINOIS

CHICAGO

Friestedt L P Co, Tribune bldg.....Randolph 296

ENGINEERS, HYDRAULIC AND SANITARY

ILLINOIS

CHICAGO

Shields W S, 8 S Dearborn.....Central 4523

ENGINEERS, INDUSTRIAL

CONNECTICUT

BRIDGEPORT

Clark Earl S Co, 1089 Broad.....Barnum 4800

HARTFORD

Clark Earl S Co, Connecticut Mutual bldg.Bushnell 234

DISTRICT OF COLUMBIA

WASHINGTON

Clark Earl S Co, Union Trust bldg.....Main 1912

ILLINOIS

CHICAGO

Chase Frank D, 122 S Michigan av.....Harrison 7192
Leonard Construction Co, 332 S Michigan.Harrison 4465
Walter Comany The, 38 S Dearborn....Randolph 937

MICHIGAN

GRAND RAPIDS

Bedaux Chas E Co, "Bedaux Efficiency Course" Grand Rapids Savings Bank bldg.Grand Rapids 9570

NEW JERSEY

NEWARK

Clark Earl S Co, 207 Market.....Market 4467

NEW YORK

NEW YORK CITY

Clark Earl S Co, Woolworth bldg .....Barclay 4414
Leonard Construction Co, 17 Battery pl...Rector 9986

RHODE ISLAND

PROVIDENCE

Clark Earl S Co, Turks Head bldg.....Union 1989

ENGINEERS—INDUSTRIAL & POWER PLANT

ILLINOIS

CHICAGO

Hellstrom Victor A, 25 N Dearborn.....Central 3482
Libby, Parrish & Huls, 327 S LaSalle...Harrison 384
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ENGINEERS AND MACHINISTS

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works.....Union 1857

ENGINEERS, MECHANICAL

ILLINOIS

CHICAGO

Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

MICHIGAN

DETROIT

Gruenberg Walter A, Sun bldg.....Cherry 5379
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ENGINEERS, MECHANICAL CONTRACTING

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams Bklyn...Main 7065

ENGINEERS MECHANICAL, DESIGNERS, SPECIAL MACHINERY

ILLINOIS

CHICAGO

Kux Albert S, 127 N Dearborn.....Randolph 5693

ENGINEERS MECH—DESIGNING MFG. CONTRS. FINANCING

MICHIGAN

DETROIT

Smith Sidney, Shurly bldg.....Cherry 3255

ENGINEERS, MECH. SPECIAL MACHINE & AUTO DESIGNERS

ILLINOIS

CHICAGO

Kux Albert S, 127 N Dearborn.....Randolph 5693

ENGINEERS, MECHANICAL AND INDUSTRIAL

ALABAMA

BIRMINGHAM

Van Keuren E B, (B Sc ME) Jefferson Co Bank bldg.....Main 3433

ENGINEERS—MECHANICAL AND MACHINE DESIGNERS

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

ENGINEERS, METALLURGICAL, CONSULTING & CONTRACTING

ILLINOIS

CHICAGO

Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
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Myall-Wallace Co, 17 E Austin av.....Randolph 6567

MICHIGAN

DETROIT

Detroit Fire Brick & Furnace Co, Peter Smith bldg .....Cherry 2758

ENGINEERS, MINING

MISSOURI

JOPLIN

Allen Roy H, Miners Bank bldg.....Home 1360

ENGINEERS—NATURAL GAS

OHIO

MT VERNON

Hope Engineering & Supply Co.....Bell-Main 314
.....Citizens 714

ENGINEERS—POWER EQUIPMENT

OHIO

CLEVELAND

Meriam Company The, 1514 Prospect av SE .....Prospect 2931

ENGINEERS—PUBLIC UTILITIES

WISCONSIN

MILWAUKEE

Albertson W N & Co, First National Bank bldg .....Main 4079

ENGINEERS, PULVERIZED FUEL FURNACES, WIRE MILLS

ILLINOIS

CHICAGO

American Industrial Engineering Co, Monadnock blk .....Harrison 2380

ENGINEERS, REINFORCED CONCRETE

ILLINOIS

CHICAGO

Barton Spider Web System, Kimball bldg.Wabash 2188
Walter Company The, 38 S Dearborn...Randolph 937

ENGINEERS, REINFORCED CONCRETE DESIGN

ILLINOIS

CHICAGO

Concrete-Steel Products Co, 6 N Clark...Franklin 4478

ENGINEERS—REINFORCED CONCRETE & GRAIN ELEVATORS

NEW YORK

BUFFALO

Monarch Engineering Co, Chamber of Commerce bldg .....Seneca 3012

ENGINEERS, STEEL DESIGN, FABRICATING, ERECTING

PENNSYLVANIA

BETHLEHEM

Vanderstuchen Ewing Construction Co, Bethlehem Trust bldg .....Bethlehem 1600

ENGINEERS, STRUCTURAL

ILLINOIS

CHICAGO

Walter Company The, 38 S Dearborn...Randolph 937

ENGINEERS, STRUCTURAL DESIGN

ILLINOIS

CHICAGO

Concrete-Steel Products Co, 6 N Clark...Franklin 4478

ENGINEERS' SUPPLIES

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin.Main 3761
Cook & Chick Co, 18-20 E Kinzie.....Randolph 2215

NEW YORK

NEW YORK CITY

Scott J W Hardware Co, 30 Warren.....Barclay 6113

OHIO

CINCINNATI

Prince L M Co, 108 W 4th.....Main 17

DAYTON

Dayton Blue Print & Supply Co The, Bell-Main 358
36-38 S Jefferson .....Ohio State 4858

ENGINEERS' SUPPLIES AND ARCHITECTS' SUPPLIES

MISSOURI

ST LOUIS

Ruckert Architect's Supply Co, Merchants-Laclede bldg .....Main 5200

OKLAHOMA

TULSA

Tulsa Engineering & Supply Co, 22 E 4th..Osage 3336

ENGINES

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works (Harris-Corliss) Providence .....Union 1857

ENGINES & BOILERS

ILLINOIS

CHICAGO

Marsh George C & Co, 87 W Vanburen...Harrison 5799

ENGINES, BOILERS AND MACHINERY

ILLINOIS

CHICAGO

Pfannmueller Engineering Co, First Nat Bk bldg .....Randolph 16
Power Equipment Co, Fisher bldg.....Harrison 6616

MICHIGAN

DETROIT

Dutton J B Machinery Co, 58 Washington bl .....Cherry 2153

MINNESOTA

MINNEAPOLIS

Lunt R L, McKnight bldg.....Tri State 35298

MISSOURI

JOPLIN

Joplin Supply Co, 4th and Wall.....Home 2408

OHIO

CINCINNATI

Randle Machinery Co The, 1723 Powers....Park 1905

PENNSYLVANIA

PHILADELPHIA

Toomey Frank Inc, 127-31 N 3rd.....Market 261

TEXAS

DALLAS

Briggs-Weaver Machinery Co, 307-313 N Market .....Bell-Main 732 Automatic M-1148

ENGINES, BOILERS & MACHINERY (NEW & SECOND HAND)

MISSOURI

ST LOUIS

Partridge Arthur S, 415 Pine.....Main 1071

NEW YORK

ROCHESTER

Wilson Wm H Iron Works, 31-57 Industrial .....Main 5131
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PENNSYLVANIA

PHILADELPHIA

Seyfert's L F Sons Inc, 437 N 3rd .....Bell-Market 2966 Keystone-Main 1487

ENGINES, BOILERS & MACHINERY—SECOND HAND

NEW YORK

NEW YORK CITY

Brearley H P, 140 Cedar.....Rector 9448
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ENGINES—CORLISS

OHIO

HAMILTON

Hooven, Owens, Rentschler Co The, Bell-Hamilton 24
4th and Heaton .....Ohio State 124

ENGINES—CORLISS AND POPPET VALVE

ILLINOIS

CHICAGO

Vilter Mfg Co The, Monadnock blk.....Harrison 1627

WISCONSIN

MILWAUKEE

Vilter Mfg Co The, 1016-1026 Clinton..Hanover 111

ENGINES—GAS, GASOLINE, FUEL OIL

ILLINOIS

CHICAGO

Chicago Pneumatic Tool Co, Fisher bldg .....Harrison 687

NEW YORK

NEW YORK CITY

Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murry Hill 8580

ENGINES, GAS, GASOLINE AND KEROSENE

ARKANSAS

TEXARKANA

Williams Mill Mfg Co of Arkansas East Broad and Oak.....Texarkana 832

ENGINES—GAS AND OIL

NEW YORK

NEW YORK CITY

Gerdes R N, (Semi-Deisel Type—Stationary and Marine) 123 Liberty.....Cortland 4719

OHIO

MT VERNON

Hope Engineering & Supply Co.....Bell-Main 314
.....Citizens 714

SPRINGFIELD

Foos Gas Engine Co, Monroe and Linden .....Bell-Main 53 Ohio State 53

OKLAHOMA

TULSA

Hope Engineering & Supply Co.....Osage 7240

PENNSYLVANIA

PITTSBURGH

Hope Engineering & Supply Co, Farmers Bank bldg .....Grant 1656

ENGINES, GASOLINE

ILLINOIS

CHICAGO

Anderson Engine Co, 4036 N Rockwell.Graceland 1191

MICHIGAN

LANSING

Novo Engine Co .....Lansing 2300

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

ENGINES—GASOLINE & GAS

PENNSYLVANIA

DU BOIS

DuBois Iron Works, N Brady ..... Bell-DuBois 5-R Summerville 198-B

ENGINES, HEAVY DUTY OIL

MINNESOTA

MINNEAPOLIS

Enterprise Machinery Co, 1601 8th S E ..... Bell-East 7171 Tri State 42132

ENGINES, KEROSENE

MICHIGAN

LANSING

Novo Engine Co ..... Lansing 2300

TENNESSEE

JACKSON

Southern Engine & Boiler Works, N Royal . Jackson 1083

ENGINES—LAND & MARINE

PENNSYLVANIA

PHILADELPHIA

Badenhausen Co, 1425 Chestnut ..... Locust 2810

ENGINES—NATURAL GAS DRIVEN

OHIO

SPRINGFIELD

Miller Improved Gas Engine Co The, Fair and Plum ..... Main 848

ENGINES, OIL

MINNESOTA

MINNEAPOLIS

Minneapolis Steel & Machinery Co 2854 Minnehaha av ..... Bell-Drexel 2025 Tri State 61100

ENGINES, OIL, MARINE & STATIONARY

NEW YORK

NEW YORK CITY

Mietz August Corporation, 128 Mott ..... Canal 8177

WISCONSIN

TWO RIVERS

Kahlenberg Bros Co, Desk B ..... Two Rivers 7

ENGINES PLAIN VALVE AND AUTOMATIC

GEORGIA

MACON

Schofield's J S Sons Co, Boundry Hammond sts. Tel 982

ENGINES, POPPET VALVE, UNI-FLOW

LOUISIANA

NEW ORLEANS

Castanedo Walter, Hennen bldg ..... Main 158

ENGINES, STEAM

INDIANA

INDIANAPOLIS

Chandler & Taylor Company, Addison and Big Four R R ..... Bell-Belmont 320 Automatic 39-316

NEW YORK

NEW YORK CITY

Beggs James & Co, 36 Warren ..... Barclay 5040
Godfrey Keeler Co, 70 Warren ..... Barclay 6775

PENNSYLVANIA

PITTSBURGH

Rederer B S & Co, Arrott bldg ..... Court 485

ENGINES—STEAM & GAS

NEW JERSEY

TRENTON

Reeves-Cubberley Engine Co, 34 Parker av ..... Trenton 2839

ENGINES, STEAM AND GAS, BOILERS AND PUMPS

PENNSYLVANIA

PITTSBURGH

Carlin John H Machine Co, Sandusky & Lacock sts ..... Cedar 233

ENGINES, STEAM AND NATURAL GAS-USED EQUIPMENT

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg .. Grant 1516
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Pittsburgh Machinery & Equipment Co, Fulton bldg ..... Grant 3047

ENGINES—STEAM—NEW AND REBUILT

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church ..... Cortland 3756

ENGLISH EARTHENWARE, BRIC-A-BRAC, FANCY GOODS

NEW YORK

NEW YORK CITY

Slimmon Robert & Co, 96 Church ..... Barclay 6040

ENGRAVERS

ILLINOIS

CHICAGO

American Engraving & Embossing Co, 542 S Dearborn ..... Bell-Harrison 8118 Automatic 62-819
Barnett Jos H & Co, 508 S Dearborn .... Harrison 1389
Cahill-Igoe Co, 117 W Harrison ..... Wabash 2141
Calumet Engraving Co, 508 S Dearborn .. Harrison 1471
Commercial Art Engraving Co, 440 S Dearborn ..... Bell-Harrison 4124 Automatic 61-920
Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
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Eckebrecht O & Co, 542 S Dearborn .... Harrison 3626
Goldschmidt Robert, 587 S Dearborn ..... Wabash 2119
Hawtin Engraving Co The, 19 S Wells ..... Main 4103
Osgood Co, 430 S Market ..... Wabash 2358
Robinson & Dahme, 538 S Clark ..... Harrison 6760
Rogers & Hall Co, 120 Polk st ..... Wabash 3381
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Turner M J & Co, 608 S Dearborn ..... Wabash 2064

MOLINE

Desaulniers & Co, Caxton blk ..... Moline 215

MISSOURI

ST LOUIS

Acme Engraving Co, 804 Pine ..... Bell-Olive 5263 Kinloch-Central 1938
Central Engraving Co, 114 N 7th ..... Bell-Olive 4436 Kinloch-Central 404

NEW YORK

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Corner Bookstores, The (Embossers, Stationers, Booksellers, General Office Supplies) State and Tioga ..... Ithaca 282

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Bartlett Orr Press 461-479, 8th av ..... Greeley 4725
Engler Arthur (Engraved Announcements Books, Plates, Etc.) 150 Nassau ... Beekman 4447
Freud Engraving & Electrotype Co, 61 Beekman ..... Beekman 3287
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O'Brien J J & Son, 122 E 23d ..... Gramercy 5920
Scientific Engraving Co, 406 W 31st ..... Chelsea 2117
See our Catalog Space, page 947
Wagenfohr Carl A (Highest Grade Embossing Dies & Stamps Of All Kinds, Estimates promptly furnished. Designers, Die Sinkers) 119-21 Lafayette ..... Franklin 3177

OHIO

CINCINNATI

Central Engraving Co, 25-27 Opera pl .... Canal 509

PENNSYLVANIA

PHILADELPHIA

Chestnut Street Engraving Co Inc ..... Bell-Walnut 3413
The, 702 Chestnut ..... Keystone-Main 3189
See our Catalog Space, page 948

ENGRAVERS—BRASS AND STEEL DIES AND STAMPS

ILLINOIS

CHICAGO

Barker H J & Co 101 N Jefferson ..... Main 2784
R & S Engraving & Die Works, 522 S Clinton ..... Wabash 7571

PENNSYLVANIA

PHILADELPHIA

Photo-Chromotype Engraving Co, 920 Race ..... Bell-Filbert 2365 Keystone-Race 2600

ENGRAVERS, COMPLETE SERVICE DIRECT ADVERTISING

MICHIGAN

GRAND RAPIDS

Cargill Company The, Wealthy and Commerce av ..... Bell-Main 815 Citizens 4310

ENGRAVERS—COPPER & STEEL

NEW YORK

NEW YORK CITY

Ball Engraving Co, Printing Crafts bldg 33d to 34th and 8th av ..... Greeley 3172

ENGRAVERS—COPPER AND STEEL PLATE

ILLINOIS

CHICAGO

Bockmann & Co, 730-740 N Franklin ... Superior 8849
Freund Wm & Sons, 16-20 E Randolph .. Randolph 805
Phenix Engraving Co, 32 S Clark ..... Central 2480
Western Engraving & Embossing Co, 434 S Wabash av ..... Harrison 3745
Wiggins John B Co The, 1104 S Wabash. Harrison 471

MINNESOTA

MINNEAPOLIS

National Engraving Co, 305 S 5th ..... Bell-Nicollet 5419 Tri State 34157

ST PAUL

Meyer Engraving Co, 381 Minnesota ..... Bell-Cedar 5252 Tri State 21976

NEW YORK

NEW YORK CITY

Ramsey George W (Engraved and Printed Letter Heads, Business Cards, Wedding Invitations, Monograms, and Crests), 77 Nassau. Cortland 6539

Ridley John H Co (Commercial, Copperplate Steel die engraving-Power embossing—Wedding Announcements—Trade Work prompt) 252-8 W 29th ..... Chelsea 6817

OKLAHOMA

OKLAHOMA CITY

Neyland Engraving Co (All kinds of Steel Die Embossing and Plate Printing), 220 N Robinson ..... Walnut 788

ENGRAVERS & ELECTROTYPERS WOOD BLOCK MOUNTINGS

INDIANA

SOUTH BEND

Wells Manufacturing Co, 1701-18 S Main.. Main 3204

ENGRAVERS—ENGRAVED XMAS BANK NOVELTIES

PENNSYLVANIA

PITTSBURGH

Munhall Company The, (Christmas Coins & Currency Holders, Greeting Cards) 723 Liberty av ..... Grant 2035

ENGRAVERS—HALFTONE

ILLINOIS

CHICAGO

Barnett Jos H & Co, 508 S Dearborn.... Harrison 1389

ENGRAVERS, ILLUSTRATORS AND PUBLICITY AGENTS

NEW YORK

NEW YORK CITY

Mugford & Co, 309 Broadway..... Worth 2750

ENGRAVERS, PHOTO

MINNESOTA

MINNEAPOLIS

Bureau of Engraving Inc, 15 and 17 S 6th ..... Bell-Main 1592 Tri State 34315

PENNSYLVANIA

PHILADELPHIA

Photo-Chromotype Engraving Co, 920 Race ..... Bell-Filbert 2365 Keystone-Race 2600

ENGRAVERS PHOTO AND COLOR

PENNSYLVANIA

PHILADELPHIA

Gatchel & Manning, 537 Chestnut.. Bell-Lombard 1700 Keystone-Main 1816

ENGRAVERS, PHOTO ENGRAVING & COMMERCIAL ARTISTS

OHIO

CANTON

Canton Engraving & Electrotype Co The, 314 Rex av ..... Bell-Main 294 Ohio State 591-L

MISSOURI

ST LOUIS

Rapid Engraving Co, 17th and Locust..... Olive 6130

ENGRAVERS, PHOTO PROCESS

MINNESOTA

ST PAUL

St Paul Engraving Co, 412 Cedar ..... Bell-Cedar 798 Tri State 23738

ENGRAVERS, PRINTING & POST CARDS

COLORADO

DENVER

Brock-Haffner Press Co The, 1400 Arapahoe. Main 6210

ENGRAVERS—RELIEF ENGRAVING

NEW YORK

BUFFALO

Turner & Porter Inc, 49 W Swan..... Seneca 1715

ENGRAVERS, STEEL DIE EMBOSSED LETTER HEADS

ILLINOIS

CHICAGO

Cole Lithographing Co, 3027 Wabash av. Calumet 6223

ENGRAVERS—STEEL DIE EMBOSSERS—PLATE PRINTERS

MISSOURI

ST LOUIS

Johnstone R L Engraving Co, Navarre bldg.. Olive 5590

ENGRAVERS, STEEL DIE STATIONERY

OHIO

CINCINNATI

Sattler Rudolph Co The, 220 East 4th..... Main 4630

ENGRAVERS, STEEL STAMPS, BOOKBINDER ROLLS, STAMPS

ILLINOIS

CHICAGO

Kautz Fred C & Co, 2633-35 W Lake..... West 2524

ENGRAVERS, WOOD

ILLINOIS

CHICAGO

Acme Engraving Co, 208 N Wells..... Main 1318

ENGRAVERS' SUPPLIES

ILLINOIS

CHICAGO

National Steel & Copper Plate Co, 542 S Dearborn ..... Harrison 7896

Pitman Harold M Co, 1430-34 S Rockwell ..... Lawndale 1174

MISSOURI

ST LOUIS

National Steel & Copper Plate Co, 1101 Locust ..... Olive 4170

NEW YORK

BROOKLYN

National Steel & Copper Plate Co, 220 Taaffe Pl ..... Prospect 3290

NEW YORK CITY

National Steel & Copper Plate Co, Flat Iron bldg..... Gramercy 4756

OHIO

CINCINNATI

National Steel & Copper Plate Co, 212 E 2d. Main 2054

ENGRAVERS' TOOLS AND SUPPLIES

NEW YORK

NEW YORK CITY

Muller Edward C, 61 Frankfort..... Beekman 3374

ENGROSSERS

ILLINOIS

CHICAGO

Rounds-Truman Company, 64 W Randolph. Central 4758

MASSACHUSETTS

BOSTON

Martin Diploma Co (Penwork, Certificates, "Engrossers for Harvard University"), 338 Washington .....

NEW YORK

NEW YORK CITY

Ames & Rollinson (Resolutions, Memorials, Testimonials, Diplomas, Book-Plates, Designing), Broadway and Fulton.... Cortland 7406

ENGROSSERS & MAKERS OF FINE DIPLOMAS

ILLINOIS

CHICAGO

Kassell Bernhard C, 105 N Clark..... Central 3965

ENGROSSING DESIGNING AND ILLUMINATING

PENNSYLVANIA

PHILADELPHIA

Howe Engrossing Studio, 1420 Chestnut... Spruce 3723

ENLARGING, DEVELOPING AND PRINTING

ILLINOIS

CHICAGO

Central Camera Co, 124 S Wabash av.... Central 5963

ENVELOPE FASTENERS, METAL

CONNECTICUT

DERBY

Kelly F Co The, Housatonic av nr Park....Derby 179

ENVELOPE MACHINERY

NEW YORK

NEW YORK CITY

Potdevin Machine Co, 253, 36th Bklyn..Sunset 5181
Schmidt F L Co, 21st and 11th av.....Chelsea 5956

ENVELOPE SEALERS AND STAMP AFFIXERS

ILLINOIS

CHICAGO

Mail-O-Meter Sales Company, 39 S LasalleRandolph 1673

MASSACHUSETTS

SOMERVILLE

Standard Envelope Sealer Mfg Co The (also Manufacture Standard Postage-Stamp Affixer .....Somerville 2910

MICHIGAN

DETROIT

Mail-O-Meter Sales Company, 1097 E Jefferson av .....Edgewood 1084

NEW YORK

NEW YORK CITY

Lyon Orrin S Co (Hand & Power Machines Sold, Exchanged) Metropolitan bldg 1 Madison av .....Gramercy 1150
Mail-O-Meter Sales Company, Pulitzer bldg .....Beekman 3816
Plechner Marcus M (Hand and Power Machines, Sold, Exchanged) 42 Broadway.....Broad 5088

ENVELOPES

ILLINOIS

CHICAGO

Bright Envelope Mfg Co, Mallers bldg, Madison and Wabash av.....Central 2512
Chicago Envelope Co, 59 E Madison....Randolph 2352
Columbia Envelope Co, 349-359 W Austin av.Main 2460
Gaw-O'Hara Envelope Co, 725-29 S Wells.Wabash 6832
Jones Owen R, 20 E Jackson bl.....Wabash 4115
Moser Paper Co, 621-631 Plymouth ct..Wabash 2718
Neostyle Envelope Co (Penyhook), 5 S Wabash av .....Randolph 3091
See our Catalog Space, page 949
Paper Mills Company The, 517 S Wells.Harrison 8000
Thompson J L, 35 N Dearborn.....Central 79
Transo Envelope Co, 3512-3550 Kimball av .....Monticello 6030
U S Paper Goods Co The, Rand McNally bldg .....Wabash 8485

QUINCY

Paper Products & Envelope Co Inc, 3d & Main .....Main 1188-W

MARYLAND

BALTIMORE

Oles Envelope Co The, 514 E Lombard...St Paul 2920

MICHIGAN

DETROIT

Frank L C, 46 Jefferson av.....Main 654
Tullar Envelope Co, 45 Congress West....Main 2771

MISSOURI

KANSAS CITY

Berkowitz Envelope Co, 19th and Campbell.Grand 243

ST LOUIS

St Louis Envelope Co, 115 S 8th Bell-Olive 625
..... Kinloch-Central 336

NEW YORK

BUFFALO

Niagara Envelope Manufactory, 567 Washington .....Seneca 308

COHOES

Cohoes Envelope Company Inc, (Clasp Envelopes, Tag Envelopes, Carrybags, Specialties) Cohoes Envelope bldg Ontario and Olmstead.....Cohoes 37

NEW YORK CITY

Berlin & Jones Envelope Co, 547 W 27th..Chelsea 1347
See our Catalog Space, page 949
Bosworth Envelope Co (If it's an envelope, we have it) 299 Broadway.....Worth 4476
Cohoes Envelope Company Inc, (Clasp Envelopes, Tag Envelopes, Carrybags, Specialties) 150 Nassau.....Beekman 2317
Consumers Supply Co, 81 Nassau.....Cortland 5055
Diemer John F Co, 67 Cortland.....Cortland 5608
See our Catalog Space, page 948
Meyers H N (Also "Bright" Envelopes for Circulars) 102 Chambers.....Barclay 6144
Neostyle Envelope Co (Penyhook), 109 Leonard .....Franklin 267
See our Catalog Space, page 949
Tension Envelope Co The, 33, 34th Bush Terminal, Bklyn .....Sunset 6000
See our Catalog Space, page 949

OHIO

CINCINNATI

Momberg Albrecht Paper Co The, 813 Broadway .....Canal 5696
U S Paper Goods Co The, 1224-48 W 8th.West 2206
Waks Mfg Co, United Bk bldg.....Main 4138

PENNSYLVANIA

GREENSBURG

Pittsburgh Envelope Co, Otterman....Greensburg 961

PHILADELPHIA

Whiting-Patterson Co (Envelopes of every description. Paper Dealers) Bell-Locust 546
314-322 N 13th.....Keystone-Race 3567

WASHINGTON

SEATTLE

Washington Envelope Corp, 316-324 James..Main 2715

ENVELOPES, ALL KINDS, SIZES AND QUANTITIES

MINNESOTA

ST PAUL

St Paul Envelope Co, 134 S Wabasha Bell-Robie 426
.....Tri State 22216

ENVELOPES—CATALOGUE AND CALENDAR

ILLINOIS

CHICAGO

Columbia Envelope Co, 349-359 W Austin av.Main 2460

NEW YORK

NEW YORK CITY

Tension Envelope Co The, 33, 34th Bush Terminal, Bklyn .....Sunset 6000
See our Catalog Space, page 949

ENVELOPES—CATALOGUE, MACHINE MADE AND SPECIAL

MINNESOTA

MINNEAPOLIS

Heywood Manufacturing Co, 5th av N and 3d..... Bell-Nicollet 6692
.....Tri State 38341

ENVELOPES, CATALOGUES, BOOKBINDING & PRINTING

NEBRASKA

OMAHA

Burkley Envelope & Printing Co, 417 S 12th .....Douglas 691

ENVELOPES FOR MERCHANDISE METAL CLASP

ILLINOIS

CHICAGO

Columbia Envelope Co, 349-359 W Austin av.Main 2460

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N and Third ..... Bell-Nicollet 6692
.....Tri State 38341

NEW YORK

NEW YORK CITY

Tension Envelope Co The, 33, 34th Bush Terminal, Bklyn .....Sunset 6000
See our Catalog Space, page 949

ENVELOPES, GLASSINE AND TO ORDER

NEW JERSEY

NEWARK

Miller Brothers Co The, 216-228 High .....Branch Brook 1575

ENVELOPES, MAKERS TRANSPARENT WINDOW

ILLINOIS

CHICAGO

Transo Envelope Co, 3512-3550 N Kimball av .....Monticello 6030

ENVELOPES—MNFRS. OF ADVERTISING ENVELOPES

WISCONSIN

MILWAUKEE

Western States Envelope Co, 117-119 Ferry .....Hanover 1888

ENVELOPES OF EVERY DESCRIPTION

ILLINOIS

CHICAGO

Columbia Envelope Co, 349-359 W Austin av.Main 2460

NEW YORK

NEW YORK CITY

Tension Envelope Co The, 33, 34th Bush Terminal, Bklyn .....Sunset 6000
See our Catalog Space, page 949

ENVELOPES, POSTAGE SAVERS

ILLINOIS

CHICAGO

Bright Envelope Mfg Co, Mallers bldg, Madison and Wabash av.....Central 2512
Neostyle Envelope Co (Penyhook), 5 S Wabash av.....Randolph 3091
See our Catalog Space, page 949

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N and Third ..... Bell-Nicollet 6692 Tri State 38341

NEW YORK

NEW YORK CITY

Neostyle Envelope Co (Penyhook), 109 Leonard ..... Franklin 267
See our Catalog Space, page 949

ENVELOPES, REGISTERED MAIL

PENNSYLVANIA

PITTSBURGH

Specialty Envelope Co, Penn bldg..... Grant 2517-R

ENVELOPES, SEALED YET OPEN

ILLINOIS

CHICAGO

Chicago Neostyle Envelope Co (Penyhook), 5 S Wabash av..... Randolph 3091
See our Catalog Space, page 949
Columbia Envelope Co, 349-359 W Austin av. Main 2460

ENVELOPES, SHIRT—FOR LAUNDRIES

ILLINOIS

CHICAGO

Columbia Envelope Co, 349-359 W Austin av. Main 2460

ENVELOPES, SPECIAL SIZES

PENNSYLVANIA

PITTSBURGH

Schrock M P, 305 Penn av ..... Bell-Court 4742 P & A-Main 1142

ENVELOPES WITH TRANSPARENT FRONT

ILLINOIS

CHICAGO

Columbia Envelope Co, 349-359 W Austin av. Main 2460

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N and Third ..... Bell-Nicollet 6692 Tri State 38341

EQUIPMENT—CONTRACTORS

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co, Bank bldg.. Main 1740

EQUIPMENT—RAILWAY

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg.... Main 1740

ERASERS OF ALL KINDS

NEW YORK

NEW YORK CITY

Beegee Co, 1133 Broadway..... Farragut 8985
See our Catalog Space, page 910

ESCUTCHEON PINS—ALL METALS

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn ..... Greenpoint 2391

ESSENTIAL OILS

NEW YORK

NEW YORK CITY

Elson & Brewer Inc, Gold and Platt..... John 4060
Giese August & Son, 4 & 6 Cedar..... John 1592

ETCHED METAL GOODS (NAME PLATES, SIGNS & SPECIALTIES)

CALIFORNIA

SAN FRANCISCO

Irvine & Jachens, 1027 Market..... Market 175

ILLINOIS

CHICAGO

Etching Co of Am, 2526 W Congress..... West 3070

ETCHED METAL PRODUCTS, NAME PLATES, SPCLTS., ETC.

ILLINOIS

CHICAGO

General Etching & Mfg Co, 312-14-16 Hamilton av ..... Seeley 164
See our Catalog Space, page 949

ETCHED NAME PLATES

INDIANA

INDIANAPOLIS

Mayer Geo J Co, 36 S Meridian ..... Bell-Main 1386 Automatic 23-286

NEW YORK

NEW YORK CITY

Premier Metal Etching Co, 14th st Van Alst av L I C..... Hunter Pt 2064
See our Catalog Space, page 983

EVAPORATORS

ILLINOIS

CHICAGO

Swenson Evaporator Co, Monadnock blk. Harrison 1252

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts..... Haymarket 2152

NEW YORK

BUFFALO

Zaremba Company, Morgan bldg..... Seneca 684

NEW YORK CITY

Badger E B & Sons Co, 101 Park av... Vanderbilt 1719
Row & Davis Engineers Inc, 140 Cedar... Rector 9135

OHIO

CLEVELAND

Kilby Manufacturing Co The 4623 Lakeside av N E..... Rosedale 6301

EVAPORATORS—SINGLE AND MULTIPLE

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

NEW YORK CITY

Gerdes & Company Inc, (Copper and Iron) 28 Church ..... Cortland 7673

EVAPORATORS—VACUUM

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

EXCAVATING & WRECKING

MISSOURI

ST LOUIS

Pollman A F, 2309 Victor..... Kinloch-Victor 687

EXCAVATOR MFRS. SLACK CABLE

PENNSYLVANIA

PHILADELPHIA

Cable Excavator Co The (Excavators, also screening & crushing plants for all requirements, capacities, ranging from 100 to 5000 tons per day) Commercial Trust bldg ..... Bell-Locust 993 Keystone-Race 2975

EXCAVATORS—CABLEWAY

ILLINOIS

CHICAGO

Sauerman Bros, Monadnock blk..... Harrison 4029

EXCAVATORS—DRAGLINE

ILLINOIS

CHICAGO

Monighan Machine Co, 2016-2036 Carroll av. West 1046

EXCAVATORS—DRAGLINE AND TRENCH MACHINES

ILLINOIS

CHICAGO

Louer W B Company, Old Colony bldg.. Harrison 7366

EXCELSIOR

ILLINOIS

CHICAGO

Excelsior Wrapper Co, 224 W Kinzie... Franklin 2389
Selle H W & Co, 1000-1016 N Halsted.. Diversey 4500
See our Catalog Space, page 950
Whitney H W, 305-315 S LaSalle..... Wabash 8210

MASSACHUSETTS

BOSTON

Boston Excelsior Co, 26 Canal..... Haymarket 158

SOMERVILLE

White & Leahy, 51 Allen..... Somerville 4520

NEW JERSEY

BUTLER

North Jersey Excelsior Co,..... Butler 69

NEW YORK

BUFFALO

Excelsior Supply Co, 16 Carroll..... Seneca 193

NEW YORK CITY

Atlantic Excelsior Mfg Co, 507 W 30th... Chelsea 7830
Boston Excelsior Co, 30th and NorthRiver. Chelsea 7700

EXCELSIOR—CONTINUED

OHIO

CINCINNATI

Excelsior Supply Co, 2d and Smith..... Main 924

CLEVELAND

Excelsior Supply Co, 1732 Merwin rd.....Main 4950

PENNSYLVANIA

PHILADELPHIA

Philadelphia Excelsior Co, 716 N 3d.....Market 446

PITTSBURGH

Excelsior Supply Co, Bessemer bldg.....Court 891

VIRGINIA

PETERSBURG

Petersburg Excelsior Mills.....Petersburg 1068

EXCELSIOR AND MATTRESSES

SOUTH CAROLINA

CHARLESTON

Charleston Lead Co, Meeting Street rd.Charleston 344

EXCELSIOR PACKING PADS

ILLINOIS

CHICAGO

Selle H W & Co, 1000-1016 N Halsted..Diversey 4500
See our Catalog Space, page 950

EXCELSIOR & WOOD WOOL

INDIANA

INDIANAPOLIS

Johnson Excelsior & Manufacturing Co
Keystone av and Belt Ry Prospect 6400
.....Long Distance Prospect 2649

EXCHANGES

PENNSYLVANIA

PITTSBURGH

Western Land & Business Exch, Union Arcade bldg P O Box 988.....Grant 4569

EXECUTIVE TRAINING

CALIFORNIA

SAN FRANCISCO

Alexander Hamilton Institute, Holbrook bldg.Sutter 6555
See our Catalog Space, page 927

CANADA

TORONTO, ONTARIO

Alexander Hamilton Institute, C P R bldg.Adelaide 4616
See our Catalog Space, page 927

ILLINOIS

CHICAGO

Alexander Hamilton Institute, Transportation bldg, 608 S Dearborn.....Harrison 8207
See our Catalog Space, page 927

MASSACHUSETTS

BOSTON

Alexander Hamilton Institute, 14 Federal.Fort Hill 3608
See our Catalog Space, page 927

MISSOURI

KANSAS CITY

Alexander Hamilton Institute, Lathrop bldg.Main 4704
See our Catalog Space, page 927

NEW YORK

NEW YORK CITY

Alexander Hamilton Institute, 13 Astor pl.Spring 10100
See our Catalog Space, page 927
Hamilton Institute Alexander, 13 Astor pl.Spring 10100
See our Catalog Space, page 927

PENNSYLVANIA

PHILADELPHIA

Alexander Hamilton Institute, Bulletin bldg .....Walnut 5608
See our Catalog Space, page 927

PITTSBURGH

Alexander Hamilton Institute, Jenkins Arcade bldg .....Grant 6867
See our Catalog Space, page 927

EXHAUST FAN AND BLOWER CONTRACTORS

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

EXHAUST FAN & BLOWER MNFRS

ILLINOIS

CHICAGO

Batterman Truitt Co, 18-20 E Kinzie..Randolph 5187

NEW YORK

NEW YORK CITY

Batterman Truitt Co (C O Hall), 147-149 W 35th .....Greeley 4040

EXHAUST FANS, ELECTRIC AND POWER DRIVEN

NEW YORK

NEW YORK CITY

Wing L J Mfg Co, 352-362 W 13th.....Chelsea 7465

EXHAUST HEADS

NEW YORK

NEW YORK CITY

Williams Franklin Inc, 39 Cortlandt.....Cortland 136

EXPANDED METAL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

NEW YORK

NEW YORK CITY

Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

EXPANDING ENVELOPES, FILING POCKETS—VERTICAL FOLDERS

NEW YORK

NEW YORK CITY

Tension Envelope Co The, 33, 34th Bush Terminal, Bklyn .....Sunset 6000
See our Catalog Space, page 949

EXPANSION BOLTS

ILLINOIS

CHICAGO

Ackerman-Johnson Co, 625 W Jackson bl..Monroe 2215
Chicago Expansion Bolt Co, 111 N Jefferson .....Franklin 1550
Star Expansion Bolt Co, 120 W Lake.....Main 2649
Van Expansion Bolt Mfg Co, 26 W Lake..Central 3612

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar.....Rector 4655
U S Expansion Bolt Co, 25 Elm.....Worth 3785

EXPANSION BOLTS, CONCRETE ANCHORS AND INSERTS

NEW YORK

NEW YORK CITY

Richmond Screw Anchor Co, World bldg.Beekman 4000

EXPANSION JOINTS (COPPER)

ILLINOIS

CHICAGO

Atlas Copper & Brass Mfg Co, 2734-38 High .....Lincoln 4017

EXPANSION SCREW ANCHORS

ILLINOIS

CHICAGO

Ackerman-Johnson Co, 625 W Jackson bl..Monroe 2215

EXPERIMENTAL WORK

CONNECTICUT

BRIDGEPORT

Electric Compositor Company (Highest grade machinery and scientific apparatus designed, built and tooled on contract) 856 Broad..Barnum 1840

ILLINOIS

CHICAGO

Alcor Mfg Co, 430 S Green.....Monroe 2388
Signalite Manufacturing Co, 522 S Clinton .....Harrison 7763
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co.....Dunbar 1998

EXPERIMENTAL WORK—ELECTRICAL

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

EXPERIMENTAL WORK TOOLS AND GAUGES

INDIANA

INDIANAPOLIS

Allison Experimental Co, Main st Bell-Belmont 3600
Speedway .....Automatic 39-150

EXPLOSIVES AND BLASTING SUPPLIES

ALABAMA

BIRMINGHAM

Du Pont de Nemours E I & Company, Brown-Marx bldg .....Main 5641

CALIFORNIA

OAKLAND

California Cap Co, Bacon bldg.....Oakland 7354

SAN FRANCISCO

Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640
Trojan Powder Co, Phelan bldg.....Sutter 998

COLORADO

DENVER

Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Du Pont bldg ..... Wilmington 1720

ILLINOIS

CHICAGO

Du Pont de Nemours E I & Company, McCormick bldg, 332 S Michigan av .. Harrison 6602
Trojan Powder Co, 29 S LaSalle .... Central 4630

MINNESOTA

DULUTH

Du Pont de Nemours E I & Company, Fidelity bldg ..... Melrose 1236

MISSOURI

JOPLIN

Du Pont de Nemours E I & Company, Frisco bldg ..... Home 838

ST LOUIS

Du Pont de Nemours E I & Company, Wright bldg ..... Main 3545

NEW YORK

NEW YORK CITY

Du Pont de Nemours E I & Company, Equitable bldg 120 Bway ..... Rector 5720
New York Blasting Supply Co, 11 Broadway ..... Bowling Green 8259

OREGON

PORTLAND

Trojan Powder Co, Yeon bldg ..... Main 8120

PENNSYLVANIA

ALLENTOWN

Trojan Powder Co, Hunsicker bldg ..... Bell-Allentown 1820 Keystone 3349

PITTSBURGH

Du Pont de Nemours E I & Company, May bldg ..... Grant 6810

SCRANTON

Du Pont de Nemours E I & Company, Traders National Bank bldg ..... Scranton 2560

WASHINGTON

SEATTLE

Du Pont de Nemours E I & Company, Maynard bldg ..... Main 3394

TACOMA

Tacoma Explosives & Development Co, Fidelity bldg ..... Main 6225

WEST VIRGINIA

HUNTINGTON

Du Pont de Nemours E I & Company, Robson-Prichard bldg ..... Huntington 336

EXPORT

NEW YORK

NEW YORK CITY

Elberon Company The (Manufacturers Export Representatives), 1790 Broadway ... Columbus 5929

EXPORT AGENTS & MERCHANTS

NEW YORK

NEW YORK CITY

American Import & Export Corp (Dye-Stuffs, Intermediates, Dyeing & Tanning Extracts, Chemicals, Fibres, Iron & Steel Products, Leather, Metals, Naval Stores Produce Provisions) 640 Bway ..... Spring 7237

EXPORT, AUTOMOBILE AND ACCESSORIES

NEW YORK

NEW YORK CITY

Saitta Charles A, 8 Bridge ..... Broad 2014

EXPORT COLORS FOR

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt ..... John 1625

EXPORT COMMISSION BROKERS

NEW YORK

NEW YORK CITY

Knauth Bros, 220, 4th av cor of 18th st ..... Stuyvesant 2523
See our Catalog Space, page 960

EXPORT—FANCY GOODS AND GENERAL DRY GOODS

NEW YORK

NEW YORK CITY

Mayer L S Son Inc, 200, 5th av ..... Gramercy 787

EXPORT FORWARDING AGENTS

ILLINOIS

CHICAGO

Gallagher & Ascher, 112 W Adams ..... Randolph 1466

EXPORT FREIGHT BROKERS

CALIFORNIA

SAN FRANCISCO

Overseas Shipping Company, Merchants Exchange bldg ..... Sutter 4459

ILLINOIS

CHICAGO

Overseas Shipping Company, 327 S Lasalle ..... Harrison 6896

NEW YORK

NEW YORK CITY

White R D & Co, 17 Battery pl ..... Rector 9451

WASHINGTON

SEATTLE

Overseas Shipping Co, L C Smith bldg ..... Elliott 1343

EXPORT-IMPORT

NEW YORK

NEW YORK CITY

Chacon Trading Co The, 82-92 Beaver ... Hanover 6278
General Traders, 11 Broadway ..... Bowl Grn 8344
Stork Chas T & Co Inc, 154 Nassau ... Beekman 7330

EXPORT & IMPORT MERCHANTS

NEW YORK

NEW YORK CITY

Northern Export & Import Co Ltd The, 13-21 Park Row ..... Barclay 8898
See our Catalog Space, page 950

EXPORT INDUSTRIAL & MUNICIPAL INSTALLATIONS

NEW YORK

NEW YORK CITY

Export Development Association of America 72 Trinity pl ..... Rector 9117

EXPORT JOURNALS

NEW YORK

NEW YORK CITY

El Comercio (Monthly-Latin America, Spanish Portuguese countries), 114 Liberty . Rector 1495

EXPORT MACHINERY—PURCHASING AGENTS

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church ..... Cortland 3756

EXPORT—MNFRS. AGENTS

OREGON

PORTLAND

American Northwest Overseas Co, Spalding bldg ..... Bell-Main 7198 Automatic 1115

EXPORT MERCHANTS

CALIFORNIA

SAN FRANCISCO

Willits & Co Inc, 16 California ..... Sutter 2895

ILLINOIS

CHICAGO

Carr & Irons Inc, 38 S Dearborn ..... Randolph 2904
Cosmo Trading Co, Chamber of Commerce .. Main 1065
Export Industrial Corporation, 38 S Dearborn ..... Central 3426

NEW JERSEY

NEW BRUNSWICK

Bond George A & Co, 46 French .. New Brunswick 1616

NEW YORK

NEW YORK CITY

A B C Export Corporation (Manufacturers' Export Sales Managers), 146 Liberty ... Rector 4495
American Bureau of Foreign Trade Inc, 44 Whitehall ..... Bowling Green 9640
Caravel Company, 13-21 Park Row ..... Barclay 8430
Carr Irons & Daenitz Inc, 25 Beaver ..... Broad 5578
Cooper & Cooper, 309 Broadway ..... Worth 851
Craigie & Co Ltd, 1 Wall ..... Rector 8986
Dodge & Seymour Ltd (We specialize in the territory of Asia and Australasia—Cable Address—"Eximco") 193 West st ..... Worth 2240
Edgertyn Aniline Corporation, 118 William ..... Beekman 964
Essgee Co of China Inc The, 621 Bway ... Spring 9133
Factory Products Export Corporation, 61 Broadway ..... Rector 9169
Federal Export Corporation, 115 Broadway . Rector 5101
Hernandez G F Sons & Co, 17 Battery pl ..... Rector 5678
Jardine Matheson & Co Ltd (General Exporters to China and Japan) 25 Madison av .. Madison Sq 3861
Johns & Co Inc, 50 Church ..... Cortland 3869
Kern Commercial Company, 114 Liberty .. Rector 4713
Kleppe, Ostervold & Co Inc, 11 Broadway ..... Bowling Green 9178
Laidlaw Kelley & Co Inc, 14 Platt ..... John 1566
Levy A A Co Inc, 43 E 19th ..... Gramercy 2344
Lopez A F & Co, 74 Hudson ..... Franklin 3990
Morris Elmer P, 136 Liberty ..... Rector 826
Muller Export Co, 80 South ..... John 3188
Taisho Trading Company The (Chemicals, Metals, Machinery, Papers) 115 Broadway ... Rector 8079
Wendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export-Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau ..... Cortland 7630

EXPORT PURCHASING AGENTS

ILLINOIS

CHICAGO

Steinberg Norman L & Co, 14 E Jackson bl .....Harrison 1147

EXPORTERS, FANCY GOODS, NOVELTIES & NOTIONS

NEW YORK

NEW YORK CITY

Levy J W Corp, 892 Broadway.....Gramercy 942

EXPORTERS—GENERAL

MASSACHUSETTS

BOSTON

United States Exports Limited, Exchange bldg .....Fort Hill 2233

NEW YORK

NEW YORK CITY

Guaranty Trading Co, 253 Bway.....Barclay 3436

EXPORTERS—GROCERIES

NEW YORK

NEW YORK CITY

Pastene P & Co Inc, 152-154 Franklin...Franklin 1261

EXPORTERS & IMPORTERS

LOUISIANA

NEW ORLEANS

Carvalho Louis C Inc, Metropolitan Bank bldg .....Main 2028
Export Trading Co, Canal Bank bldg.....Main 4835

NEW YORK

NEW YORK CITY

Levy J W Corp, 892 Broadway.....Gramercy 942

VIRGINIA

PETERSBURG

Burgess D H & Co, Mechanics bldg....Petersburg 1693

EXPORTERS, MEN'S & WOMEN'S WEARING APPAREL

NEW YORK

NEW YORK CITY

Levy J W Corp, 892 Broadway.....Gramercy 942

EXPORTERS—STEEL PRODUCTS AND RAILWAY SUPPLIES

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway.....Bowling Green 9167

EXPORTERS—TOBACCO

NEW YORK

NEW YORK CITY

Taney Tobacco Corporation (Virginia, Kentucky, Tennessee—Leaf in Hog heads) 19 South William .....Broad 1915

EXPORTS, IRON AND STEEL (ALL CLASSES)

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

EXTENSION PLANKS, MNFRS.

ILLINOIS

CHICAGO

Bunck E C & Co, 4648 Calumet av.....Oakland 845

EXTERMINATOR OF ROACHES

NEW JERSEY

NEWARK

Kaas Louis A, 40 Elm.....Waverly 6777

EXTERMINATORS

MASSACHUSETTS

BOSTON

Modern Exterminator Co The, 2 Park sq...Beach 666

NEW YORK

NEW YORK CITY

Brown's Insecticide Co, 204 East 44th.Murray Hill 2271
Guarantee Exterminating Co, 500, 5th av at 42d .....Vanderbilt 2716
See our Catalog Space, page 950
Ortner Charles, 310 W 125th.....Morngside 6904
Virus Limited Inc, 72 Front.....Hanover 960

EXTERMINATORS OF RATS, MICE, ROACHES & BUGS

ILLINOIS

CHICAGO

McCloud W B & Co, 1012 N Wells.....Superior 568

EXTRACTS FLAVORING

OHIO

DAYTON

Royal Remedy & Extract Co The, "Souders Extracts" 436-438 S Wayne av.....East 185

EXTRACTS—FOR SOFT DRINKS

PENNSYLVANIA

READING

Pabst Pure Extract Co Inc, Rose and Buttonwood .....Reading 3230

EYE GLASS HOLDERS, AUTOMATIC—MNFRS.

NEW YORK

NEW YORK CITY

Ketcham & McDougall, 15-19 Maiden Lane .....Cortland 748

EYELET AND GROMMET MFRS.

CONNECTICUT

SEYMOUR

Rimmon Eyelet Co The .....Seymour 99

EYELETS & EYELET ATTACHING MACHINES

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

EYES, ARTIFICIAL

NEW YORK

NEW YORK CITY

Fried Charles, 36 E 23d.....Gramercy 2280

EYES ARTIFICIAL FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Schoepfer G, 1423-1425 E 95th Bklyn...Canarsie 6824

FABRIC MEASURING & COST COMPUTING MACHINES

MISSOURI

ST LOUIS

Measuregraph Company The, 1819 Olive..Bomont 1300

FABRIKOID LEATHER SUBSTITUTES

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

NEW YORK

NEW YORK CITY

Du Pont Fabrikoid Company, Equitable bldg 120 Bway.....Rector 5720

FACE BRICK

PENNSYLVANIA

PITTSBURGH

Johnetta Brick & Coal Co, Chamber of Commerce bldg .....Grant 6920

FACE CREAMS MFG. WHOLESALE

INDIANA

INDIANAPOLIS

LaFord Chemical Co Inc, 10 West Ohio....Main 1683

FACE POWDER MFG.—WHOLESALE

INDIANA

INDIANAPOLIS

LaFord Chemical Co Inc, 10 West Ohio....Main 1683

FACE VEILS

ILLINOIS

CHICAGO

Hartmann Bros Inc, 180 N Wells.....Franklin 5058

MASSACHUSETTS

BOSTON

Hartmann Bros Inc, 641 Atlantic av.....Beach 6980

NEW YORK

NEW YORK CITY

Hartmann Bros Inc, 334 Fourth av....Madison Sq 8685

FACING HEADS (VARIOUS) SIZES

PENNSYLVANIA

HANOVER

Mummert-Dixon Co, Philadelphia and St P R R.....Bell-Hanover 7-R Local 207-W

FACINGS, FOUNDRY

MICHIGAN

SAGINAW

United States Graphite Co The.....Saginaw 71

FAC-SIMILE, CIRCULAR AND MULTIGRAPHED LETTERS

MISSOURI

ST LOUIS

Myler A H Miss, Security bldg.....Olive 3606

FAC-SIMILE LETTERS

ILLINOIS

CHICAGO

Imitation Typewriting & Addressing Co, 71 W Randolph.....Central 3333

FAC-SIMILE TYPEWRITTEN LETTERS

NEW YORK

BUFFALO

Buffalo Advertising Service Inc, Coal & Iron Exchange bldg .....Seneca 3000

NEW YORK CITY

A A Multigraphing Co, 80-5th av.....Chelsea 3227
Brown B Co The, 229 West 28th.....Farragut 6340
See our Catalog Space, Page 983
Rowan Richard J, 4215 Third av cor Tremont av .....Tremont 2051

FACTORIES AND FACTORY SITES

MASSACHUSETTS

BOSTON

Welsh Willard Realty Co, 15 Exchange.....Main 7153

NEW YORK

NEW YORK CITY

Corbin Floyd S, 10 Wall.....Rector 9121

FACTORY BROKERS

MASSACHUSETTS

BOSTON

Factory Exchange, 294 Washington.....Fort Hill 3456

NEW YORK

NEW YORK CITY

Factory Exchange, 43 Cedar.....John 3719
Ludden Herbert R, 873 Fulton, Bklyn.....Main 6835

FACTORY EQUIPMENT

INDIANA

INDIANAPOLIS

Vonnegut Machinery Co, 43-45 S Meridian .....Bell-Main 257 Automatic 25-312

FACTORY EQPT (STEEL) DESK, STOOLS, SHELVING & LOCKERS

OHIO

CANTON

Canton Art Metal Co The, 1221 Tuscarawas .....Bell-Main 167 Ohio State 167

FACTORY FIRST AID EQUIPMENT

PENNSYLVANIA

PHILADELPHIA

Bernstein Mfg Co, 3d & Allegheny av..Kensington 680

FACTORY RAW MATERIALS

VIRGINIA

PETERSBURG

Burgess D H & Co, Mechanics bldg....Petersburg 1693

FACTORY SITES

MINNESOTA

ST CLOUD

St Cloud Commercial Club.....St Cloud 276

FACTORY SUPPLIES

MASSACHUSETTS

BOSTON

Armstrong G R Mfrs Supplies, 257 Franklin .....Fort Hill 1182

MICHIGAN

DETROIT

Strelinger Chas A Co, 43-51 East Larned....Main 5605

FACTORY SUPLS. (STEEL) TOOL BOXES, GUARDS, HOODS, CANS

OHIO

CANTON

Canton Art Metal Co The, 1221 Tuscarawas .....Bell-Main 167 Ohio State 167

FACTORY SUPPLIES AND SIGNALLING APPARATUS

ILLINOIS

CHICAGO

National Scale Co, Kimball Hall.....Harrison 3779

MASSACHUSETTS

CHICOPEE FALLS

National Scale Co.....Chicopee Falls 744

NEW YORK

NEW YORK CITY

National Scale Co, 30 Church.....Cortland 1501

OHIO

CLEVELAND

National Scale Co, Erie bldg.....Prospect 3434

PENNSYLVANIA

PHILADELPHIA

National Scale Co, Pennsylvania bldg....Spruce 973

FANCY GOODS AND NOTIONS

NEW YORK

NEW YORK CITY

New York Merchandise Co, 110, 5th av.Gramercy 4724

FANCY GOODS, NOVELTIES & NOTIONS

NEW YORK

NEW YORK CITY

Levy J W Corp, 892 Bway.....Gramercy 942

FANCY GOODS, TABLE DECORATIONS, FAVORS, ETC.

NEW YORK

NEW YORK CITY

Benze Bros Co, Est 1890, 110-112 Fifth av.Chelsea 8310

FAN BELTS

INDIANA

INDIANAPOLIS

Hide Leather & Belting Co, 231 S Meridian .....Bell-Main 2094 Automatic 27-365

PENNSYLVANIA

PHILADELPHIA

Bond Charles Company (Fabritex) 520 Arch .....Market 3249

FAN MOTOR MANUFACTURERS, ELECTRIC

OHIO

WARREN

Peerless Electric Co The, 740 West Market.Warren 2377

FANS, BLOWERS & EXHAUSTERS —MNFRS.

ILLINOIS

CHICAGO

Batterman Truitt Co, 18-20 E Kinzie..Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting.Superior 3433

INDIANA

INDIANAPOLIS

Ilg Electric Ventilating Co, Bd of Trade bldg .....Main 1077

MASSACHUSETTS

BOSTON

Ilg Electric Ventilating Co, 136 Federal.Fort Hil 6454

FANS, BLOWERS & EXHAUSTERS—MNFRS.—CONTINUED

MICHIGAN

DETROIT

Ilg Electric Ventilating Co, 25 Montcalm av W .....Cherry 5231

MINNESOTA

MINNEAPOLIS

Ilg Electric Ventilating Co, 17 S Sixth.....Main 1269

MISSOURI

ST LOUIS

Ilg Electric Ventilating Co, Syndicate Trust bldg .....Olive 1515

NEW YORK

NEW YORK CITY

Batterman Truitt Co, (C O Hall) 147-149 W 35th .....Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row.Cortland 8739

OHIO

CLEVELAND

Ilg Electric Ventilating Co, Schofield bldg.Main 776

PENNSYLVANIA

PHILADELPHIA

Ilg Electric Ventilating Co, Commercial Trust bldg .....Spruce 2099

PITTSBURGH

Ilg Electric Ventilating Co, Union Arcade..Grant 4325

FANS AND BLOWERS MANUFACTURED AND INSTALLED

ILLINOIS

CHICAGO

Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

NEW YORK

BUFFALO

Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

PENNSYLVANIA

PHILADELPHIA

Raub C H, Wayne av and Berkley Bell-Wyoming 1328
.....Keystone-North 93

FANS AND DUST COLLECTORS

ILLINOIS

CHICAGO

Allington & Curtis Mnfg Co The, Monadnock bldg .....Harrison 335
Cyclone Blow Pipe Co, 2542-2552 W 21st .....Lawndale 1910
Schuler J F, 2428 N Ashland av.....Lincoln 1460
Vortex Blow Pipe Co, 6215 Wentworth..Englewood 3109

MASSACHUSETTS

BOSTON

Allington & Curtis Mfg Co The, 706, 2d.So. Boston 580

MICHIGAN

SAGINAW

Allington & Curtis Mfg Co The, 400 Holden .....Saginaw 464

NEW YORK

ROCHESTER

Allington & Curtis Mfg Co The, 98 Flower City Park .....Main 4044

PENNSYLVANIA

PHILADELPHIA

Allington & Curtis Mfg Co The, 210 S 11th .....Walnut 2765

FANS, ELECTRIC EXHAUST AND BLOWERS

ILLINOIS

CHICAGO

Diehl Mfg Co, Edison bldg.....Central 5532

MASSACHUSETTS

BOSTON

Diehl Mfg Co, 201 Devonshire .....Main 5397

NEW JERSEY

ELIZABETH

Diehl Mfg Co, Elizabethport .....Elizabeth 3100

NEW YORK

NEW YORK CITY

Diehl Mfg Co, Singer bldg, 149 B'way ..Cortland 1802

PENNSYLVANIA

PHILADELPHIA

Diehl Mfg Co, 1305 Race .....Spruce 1520

FANS, ELECTRIC AND POWER DRIVEN EXHAUST AND VENTG.

NEW YORK

NEW YORK CITY

Wing L J Mfg Co, 352-362 W 13th st...Chelsea 7465

FANS—EXHAUST FOR FACTORIES

RHODE ISLAND

PROVIDENCE

New England Ventilating & Heating Co (Richardson's Revolving Ventilators, send for booklet) 926 Manton av .....West 7

FANS, KEROSENE, ALCOHOL, GASOLINE, GAS

ILLINOIS

CHICAGO

Lake Breeze Motor, 564-570 W Monroe..Franklin 3462

FANS, MINE VENTILATING

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth....North 2360

FARM AND BUSINESS BROKERS

PENNSYLVANIA

PITTSBURGH

Western Sales Agency, Union Arcade bldg P O Box 988.....Grant 4569

FARM LANDS

GEORGIA

LA GRANGE

Wilson O E, 110 Church.....LaGrange 336

OHIO

CINCINNATI

Crowe Frank R, Johnston bldg.....Main 1675

FARM LANDS AND GENERAL REAL ESTATE

ALABAMA

OPELIKA

Opelika Real Estate & Renting Agency, 221 S 8th .....Opelika 169

FARM MACHINERY, TRACTORS, OIL AND GAS ENGINES

ARKANSAS

LITTLE ROCK

Southwestern Supply Co, 112-122 N Louisiana .....Main 233

FARM TRACTORS

MASSACHUSETTS

BOSTON

Jewel Tractor & Truck Co The, 121 Dedham.Beach 4275
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FASHION PLATES & SAMPLE BOOKS

PENNSYLVANIA

PHILADELPHIA

U S Fashion and Sample Book Co, 10th and Diamond .....Diamond 4908

FASTENER REINFORCEMENT

NEW YORK

GLOVERSVILLE

Button Stay Co, 53 S Main.....Gloversville 3775-J

FASTENERS

NEW YORK

NEW YORK CITY

Bird Fastener Co Inc The, 1133 Broadway.Farragut 3778

FASTENERS FOR CAPS & LEATHER GOODS

NEW YORK

NEW YORK CITY

King James E & Co, 1133 Bway.....Farragut 3778

FASTENERS, SNAP (DRESS)

ILLINOIS

CHICAGO

Columbia Fastener Company, 3229-31 S Ashland av .....McKinley 1365

FASTENERS, SNAP—GLOVE, POCKET BOOK, BELT, ETC.

CONNECTICUT

WATERBURY

Lane Mfg Co, 50 North Elm.....Waterbury 244

FATTY ACIDS

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

FAVORS

NEW YORK

NEW YORK CITY

Beegee Company (Erasers, Clutch Pencils & Specialties), 1133 Broadway.....Farragut 8985
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FAVORS, PAPER HATS AND SNAPPERS—MANUFACTURERS

NEW YORK

NEW YORK CITY

Davidsohn Mrs I, 201 W 145th.....Audubon 7388

FEATHER DUSTER MNFRS. OSTRICH AND TURKEY

NEW YORK

NEW YORK CITY

Hayes Duster Co, 5-7 W 4th.....Spring 383

FEATHER DYES

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

FEATHER PILLOWS—MNFRS

ILLINOIS

CHICAGO

Emmerich Chas & Co, 501 W Huron....Superior 2060

NEW YORK

NEW YORK CITY

Buchman L & Co, 107 N 1st, Bklyn...Greenpoint 4819

FEATHERS, FANCY

NEW YORK

NEW YORK CITY

Fletscher Fred R, 187 Mercer.....Spring 1386

FEATHERS, FANCY AND MILITARY

NEW YORK

NEW YORK CITY

Cape Trading Co Inc, 64-66 E 11th..Stuyvesant 1139

FEATHERS AND FEATHER PRODUCTS

ILLINOIS

CHICAGO

Illinois Feather Co The, 1509-1511 Blue Island av .....Canal 4206

NEW YORK

NEW YORK CITY

Buchman L & Co, 107 N 1st, Bklyn....Greenpoint 4819

OHIO

CINCINNATI

Mitchell P R Co The, Harrison & Spring Grove ave .....West 3245

FEED

NEW JERSEY

BURLINGTON

Neu-Life Food Company (Special Formula, Dairy, Horse & Hog) 338-342 West Broad.Burlington 183

FEED—DRIED GRAINS FOR CATTLE

DISTRICT OF COLUMBIA

WASHINGTON

Corby Co Inc, Langdon Station.....Lincoln 1706

FEED, FLOUR AND CORN MILL MACHINERY NEW & REBUILT

ILLINOIS

CHICAGO

Noth George J, 9 S Clinton.....Franklin 3949

FEED MILLS

ARKANSAS

TEXARKANA

Williams Mill Mfg Co of Arkansas, East Broad & Oak .....Texarkana 832

FEED SAMPLER

INDIANA

LA FAYETTTE

Horat J (Indiana), 417-423 Ferry . Bell-Lafayette 228
.....Home 3228

FEED WATER HEATERS

ILLINOIS

CHICAGO

Baragwanath Wm & Son, Monadnock blk.Harrison 5744

NEW YORK

NEW YORK CITY

Whinery S B, 95 Liberty.....Cortland 5326

PENNSYLVANIA

ERIE

Sims Co The, 19th and Whitley Bell-Erie 2542
..... Mutual 2607

PITTSBURGH

Rederer B S & Co, Arrott bldg.....Court 485

WISCONSIN

MILWAUKEE

Milwaukee Reliance Boiler Works, 1102-30, 32d .....Kilbourn 262

FEED WATER HEATERS & PURIFIERS

OHIO

DAYTON

Moffat Feed Water Heater & Purifier Co, Bell-East 140
716-22 E Monument av.....Ohio State 2178

FELT

CALIFORNIA

SAN FRANCISCO

Standard Felt Company, 417 Market....Garfield 525

WEST ALHAMBRA

Standard Felt Company.....Home-East 9

ILLINOIS

CHICAGO

American Felt Company, 825 S Market...Wabash 3279
Standard Felt Company, 404 S Wells....Wabash 1081
Stroock S & Co (Manufacturers of Felts of all kinds) 103 S Wells.....Main 4180

MASSACHUSETTS

BOSTON

American Felt Company, 100 Summer....Fort Hill 6220
Boston Felt Mfg Co, 110 Beach.....Beach 365

NEW YORK

NEW YORK CITY

American Felt Company, 114 E 13th..Stuyvesant 1970
Brawley T R, Adams & York, Bklyn.....Main 488
See our Catalog Space, page 952
Brown W E, 369 Broadway .....Franklin 2842
Felt Specialty Mfg Co, Adams & York, Bklyn .....Main 488
See our Catalog Space, page 952
Standard Felt Company, 115-117 E 23d..Gramcy 4432
Stroock S & Co (Manufacturers of felts of all kinds), 11 E 26th.....Mad Sq 8256

FELT—ALL KINDS

ILLINOIS

CHICAGO

American Tar Products Company, 208 S LaSalle .....Wabash 6396

FELT SHOES AND SLIPPERS

CALIFORNIA

SAN FRANCISCO

Standard Felt Company, 417 Market....Garfield 525

WEST ALHAMBRA

Standard Felt Company.....Home-East 9

ILLINOIS

CHICAGO

Standard Felt Company, 404 S Wells...Wabash 1081

NEW YORK

NEW YORK CITY

Standard Felt Company, 115-117 E 23d..Gramcy 4432

FELT SPECIALTIES

NEW YORK

NEW YORK CITY

Braunsdorf Geo W, Inc, 430 E 53d .....Plaza 1386
Brawley T R, Adams & York, Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams & York, Bklyn .....Main 488
See our Catalog Space, page 952

FENCE POSTS, STEEL

ILLINOIS

CHICAGO

Chicago Steel Post Co, 208 S LaSalle..Harrison 4001

NEW YORK

NEW YORK CITY

Downs J H, 39 Cortlandt.....Cortland 6328

FENCES

ILLINOIS

CHICAGO

Chicago Steel Post Co, 208 S LaSalle....Harrison 4001

OHIO

CINCINNATI

Cincinnati Iron Fence Co, 3300 Spring Grove av .....Park 506
Nimmo Fence & Wire Works Co The, 1629 Dana av .....Ridge 3007

CLEVELAND

Acme Fence & Iron Co The, 8506 Lake av N W.....Bell-Edgewater 1157 Ohio State-Lorain 689-W

FENCES ALL KINDS IRON & WIRE

OHIO

CINCINNATI

Davis & Siehl Co The, 4030 Hamilton av..Park 908

FENCES, BUILDERS—IRON

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th .....Bell-Woodruff 177 Automatic 41-331

FENCES, BUILDERS—WIRE

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th .....Bell-Woodruff 177 Automatic 41-331

FENCES, BUILDERS, WIRE NON-CLIMBABLE

NEW YORK

NEW YORK CITY

Downs J H, 39 Cortlandt.....Cortland 6328

FENCES—FENCE STRETCHER—MNFRS.

ILLINOIS

STERLING

North Western Barb Wire Co, Avenue B and Wallace .....Main 390

FENCES, IRON

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

FENCES, IRON & WIRE

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026
Smith F P Wire & Iron Works, 54 W Lake.Central 438

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th .....Bell-Woodruff 177 Automatic 41-331

MASSACHUSETTS

HOLYOKE

Haarmann G & Co Inc, cor Commerce & Jackson .....Holyoke 1117

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

NEW YORK

NEW YORK CITY

American Fence Construction Co, Church cor Barclay .....Barclay 6753
Brook A T Fence Co (Fence for all purposes Erected anywhere) 37 Barclay.....Barclay 6278

FENCES, IRON & WIRE, ALSO CHAIN LINK NETTING

CONNECTICUT

HARTFORD

Anchor Post Iron Works, 902 Main .....Charter 248

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th .....Bell-Woodruff 177 Automatic 41-331

MASSACHUSETTS

BOSTON

Anchor Post Iron Works, 79 Milk .....Fort Hill 2359

NEW YORK

NEW YORK CITY

American Fence Construction Co (Manufacturers & Erectors—Work erected in all parts United States and Canada) Church cor Barclay .....Barclay 6753
Anchor Post Iron Works, 165 Broadway..Cortland 4886

OHIO

CLEVELAND

Anchor Post Iron Works, New Guardian bldg, 627 Euclid av .....Main 5955

PENNSYLVANIA

PHILADELPHIA

Anchor Post Iron Works, Real Estate Trust Co. bldg, Broad and Chestnut ...Walnut 4633

FENCES AND RAILINGS—ORNAMENTAL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc (Also Stairs, Grilles, Marquees, Lamp Brackets), 28 ChurchCortland 7673

FENCES—WIRE AND IRON

CALIFORNIA

OAKLAND

Cyclone Fence Co, 310, 12th.....Oakland 475
See our Catalog Space, page 953

ILLINOIS

CHICAGO

Cyclone Fence Co, 175 W Jackson bl...Wabash 2020
See our Catalog Space, page 953
Page Steel & Wire Co, 175 W Jackson bl.Harrison 1197

WAUKEGAN

Cyclone Fence Co .....Waukegan 170
See our Catalog Space, page 953

MICHIGAN

ADRIAN

Page Steel & Wire Co.....Adrian 116

DETROIT

Cyclone Fence Co, Penobscot bldg.....Cherry 5040
See our Catalog Space, page 953
Page Steel & Wire Co, 660 Fort W.....West 1621

NEW YORK

NEW YORK CITY

Cyclone Fence Co, Woolworth bldg.....Barclay 3595
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Page Steel & Wire Co, 30 Church.....Cortland 3541

OHIO

CLEVELAND

Cyclone Fence Co, 1230 E 55th.....Rosedale 3012
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OREGON

PORTLAND

Cyclone Fence Co, 372-74 E Oak.....East 7073
See our Catalog Space, page 953

PENNSYLVANIA

MONESSEN

Page Steel & Wire Co, Pittsburg, Pa.....Grant 1694

PHILADELPHIA

Cyclone Fence Co, Stock Exchange bldg.Locust 3434
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PITTSBURGH

Page Steel & Wire Co, Union Arcade.....Grant 4467

FENCES, WOVEN WIRE—LAWN

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce, N W cor .....Main 1704

FENCES, WOVEN WIRE, MNFRS.

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

FENCES, WROUGHT IRON

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

FERRO ALLOYS (50 PER CENT FERRO SILICON)

TENNESSEE

CHATTANOOGA

Southern Ferro Alloys Co, cor 21st and Chestnut .....Main 6955

FERRO CHROME

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

FERRO SILICON

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

FERTILIZER

NEW YORK

NEW YORK CITY

Alphano Humus Co, 17 Battery pl .....Rector 8636
Long Island Manure Export Co, 753 Flushing av Bklyn.....Stagg 115
O'Rourke James F Manure Co Inc, 755 Flushing av Bklyn.....Stagg 114

FERTILIZER (BROKERS)

NEW YORK

NEW YORK CITY

Goldsmith Simon M, 62 William.....John 1971

FERTILIZER (MNFRS.)

OHIO

CLEVELAND

Stadler J L & H Rendering & Fertilizer Co The, 908 Denison av.Bell-Harvard 722 Ohio State-Central 3278

SOUTH CAROLINA

CHARLESTON

Wulbern Fertilizer Co, Charleston....Charleston 3722

FERTILIZER (MNFRS)—TALLOW & GREASE

OHIO

MARIETTA

Marietta Bone & Phos Co, Mile Run.....Marietta 73

FERTILIZER MACHINERY

GEORGIA

ATLANTA

Atlanta Utility Works, East Point.....East Point 79

FERTILIZER MATERIAL

GEORGIA

ATLANTA

Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance
Treadwell A P & Co, Healey bldg.....Ivy 7580

NEW YORK

NEW YORK CITY

Alexander G S & Co Inc, 61 Bway.....Rector 6170

FERTILIZER MATERIAL—ACID PHOSPHATE

MARYLAND

BALTIMORE

Wilson Chemical Co, Garrett bldg.....St Paul 7040

FERTILIZER MATERIAL—SODIUM SILICA FLUORIDE

MARYLAND

BALTIMORE

Wilson Chemical Co, Garrett bldg.....St Paul 7040

FERTILIZER MIXERS

WISCONSIN

MILWAUKEE

Smith T L Co The, 1105, 32nd.....Kilbourn 4100

FERTILIZER SAMPLER

INDIANA

LAFAYETTE

Horat J (Indiana), 417-423 Ferry..Bell-Lafayette 228
.....Home 3228

FIBRE

CALIFORNIA

SAN FRANCISCO

American Vulcanized Fibre Co (Western Electric Co, Agts), 680 Folsom.....Sutter 6546

DELAWARE

WILMINGTON

American Vulcanized Fibre Co, Equitable bldg .....Wilmington 123
Brandywine Fibre Products Co (Tubing our Specialty), 1404 Walnut.....Wilmington 629
Wilmington Fire Specialty Co, Wilmington .....New Castle 148

YORKLYN

National Fibre & Insulation Co, Yorklyn.Hockessin 36

ILLINOIS

CHICAGO

American Vulcanized Fibre Co, 600 W Lake .....Monroe 63
Fleig L L & Co, 216 W Austin av.....Franklin 2637
National Fibre & Insulation Co, 212 West Austin av .....Franklin 2637
Russell Specialty Mfg Co, 317 S Clinton.Harison 2538

MASSACHUSETTS

BOSTON

American Vulcanized Fibre Co, 12 Pearl....Main 3843
National Fibre & Insulation Co, 117 Lincoln st .....Beach 224

MICHIGAN

DETROIT

American Vulcanized Fibre Co, Kresge bldgCadillac 816

MISSOURI

ST LOUIS

White T C Electric Supply Co, 1122 Pine..Olive 572

NEW YORK

NEW YORK CITY

American Vulcanized Fibre Co, Woolworth bldg .....Barclay 6209
Cone, Frederick H, 181 Front .....John 1998
National Fibre & Insulation Co, 50 Church.Cortland 3862

OHIO

CLEVELAND

American Vulcanized Fibre Co, Engrs bldg...Main 4582

PENNSYLVANIA

PHILADELPHIA

American Vulcanized Fibre Co, Widener bldg .....Walnut 1411

PITTSBURGH

American Vulcanized Fibre Co, Oliver bldg.Grant 688

FIBRE BASKETS, BOXES, CANS, TRUCKS & WASTE BASKETS

NEW YORK

NEW YORK CITY

Fowl Julius, 119 West 17th.....Chelsea 6186

FIBRE BOARD—SPECIALTIES, ETC.

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramrcy 5400

FIBRE—COCO HAIR & COCOANUT FIBRE

NEW YORK

NEW YORK CITY

Coamo Export & Trading Corp, 154 Nassau .....Beekman 4505

FIBRE CONTAINERS

CALIFORNIA

LOS ANGELES

American Can Co, 4801 Santa Fe.....South 420

SAN FRANCISCO

American Can Co, Mills bldg.....Douglas 1300

COLORADO

DENVER

American Can Co, Foster bldg.....Main 3049

GEORGIA

ATLANTA

American Can Co, Marietta st & Jones av...Main 1225

ILLINOIS

CHICAGO

American Can Co, Monroe bldg.... Randolph 2191

INDIANA

INDIANAPOLIS

American Can Co, Merchants Natl Bank bldg.Main 3164

LOUISIANA

NEW ORLEANS

American Can Co, Cortez & Toulouse sts..Galvez 80

MARYLAND

BALTIMORE

American Can Co, Packers Can Dept (Cans for Packers) Maryland Trust bldg....St Paul 5880
American Can Co, Oak & 26th st.....Homewd 500

MASSACHUSETTS

BOSTON

American Can Co of Mass, 9 Binford st....Main 4872

MICHIGAN

DETROIT

American Can Co, Russell & Twombley sts.North 5560

MINNESOTA

ST PAUL

American Can Co, 747 Prior av.....Midway 283

MISSOURI

KANSAS CITY

American Can Co, 14 Campbell st No.....North 8

ST LOUIS

American Can Co, Branch & Hall sts.....Tyler 3040

NEW JERSEY

NEWARK

American Can Co, Johnson & McWhorter sts .....Mulberry 105

NEW YORK

BUFFALO

American Can Co, Marine Bank bldg....Seneca 819

NEW YORK CITY

American Can Co, (General Offices), 120 Broadway .....Rector 6900
American Can Co, (Atlantic District Sales Office), 447 W 14th .....Chelsea 4700

ROCHESTER

American Can Co, Powers bldg.....Main 2670

FIBRE CONTAINERS—CONT'D.

OHIO

CINCINNATI

American Can Co, 2d Natl Bank bldg.....Canal 4092

CLEVELAND

American Can Co, 1677 E 40th.....Rosedale 5850

TOLEDO

American Can Co.....Forest 29

OREGON

PORTLAND

American Can Co, Failing bldg.....Marshall 2800

PENNSYLVANIA

PHILADELPHIA

American Can Co, Allen, Palmer & Beach.Kensgtn 871

PITTSBURGH

American Can Co, Westinghouse bldg.....Grant 970

TEXAS

DALLAS

American Can Co, Southwestern Life bldg..Main 4108

VIRGINIA

RICHMOND

American Can Co, 2401 Venable.....Madison 5445

WISCONSIN

MILWAUKEE

American Can Co, 428 Grand av.....Grand 2508

FIBRE CONTAINERS, SOLID & CORRUGATED

MINNESOTA

ST PAUL

Waldorf Paper Products Co, Hampden and Myrtle av.....Bell-Midway 6110 Tri State 83050

FIBRE EXTRACTING MACHINERY

NEW YORK

NEW YORK CITY

Prieto Machine Co Inc, 289 Pearl.....Beekman 3581

FIBRE, HARD, SOFT & STIFF

NEW YORK

NEW YORK CITY

Josephic Geo Co Inc The, 227-229 Water.....Beekman 3579

FIBRE, INSULATING

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramcy 5400

FIBRE SAMPLE CASES & NOVELTIES

NEW YORK

NEW YORK CITY

Fibre Case & Novelty Co The, 274 Church.....Franklin 335

FIBRE—SAMPLE TRUNKS AND CASES

NEW YORK

NEW YORK CITY

Fibre Sample Case & Trunk Co, 535 Broadway.....Spring 8072

FIBRE SHIPPING BOXES (CORRUGATED)

OHIO

SANDUSKY

Hinde & Dauch Paper Co The, 194 West Water.....Bell-Main 720 Ohio State 199

FIBRE SHIPPING CASES

MICHIGAN

GRAND RAPIDS

American Fibre Package Co, Market & Godfrey av.....Main 296

FIBRE SHIPPING CONTAINERS

COLORADO

DENVER

Chicago Carton Company (T A Dixon Co, Reps), 1526 Blake.....Champa 645
See our Catalog Space, page 989

ILLINOIS

CHICAGO

Chicago Carton Company, 4433 Ogden av.Lawndale 906
See our Catalog Space, page 989
Mid-West Box Co, 111 W Washington.....Main 4334
See our Catalog Space, page 926

INDIANA

ANDERSON

Mid-West Box Co.....Main 406
See our Catalog Space, page 926

KOKOMO

Mid-West Box Co.....Kokomo 398
See our Catalog Space, page 926

MICHIGAN

DETROIT

Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926

MISSOURI

ST LOUIS

Chicago Carton Company (Julian Maas, Rep), Chemical bldg.....Bell-Olive 4921 Kinloch-Central 1521
See our Catalog Space, page 989
Mid-West Box Co, Continental Bank bldg...Olive 1659
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Fibre Case & Novelty Co The, 274 Church.Franklin 335
Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

OHIO

CINCINNATI

Mid-West Box Co, Gwynne bldg.....Canal 1751
See our Catalog Space, page 926

CLEVELAND

Mid-West Box Co, 1133 E 152d.....Eddy 2780
See our Catalog Space, page 926

PENNSYLVANIA

PITTSBURGH

Mid-West Box Co, Park bldg.....Grant 1629
See our Catalog Space, page 926

UTAH

SALT LAKE CITY

Chicago Carton Company (Paul J Dixon, Rep), Felt bldg.....Wasatch 8633
See our Catalog Space, page 989

FIBRE—SUIT CASE

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramcy 5400

FIBRE, SULPHITE

ILLINOIS

CHICAGO

Brown Company, 110 S Dearborn.....Central 6494

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company, Woolworth bldg.....Barclay 6185

FIBREWARE—INDURATED PAILS, TUBS, ETC.

NEW YORK

NEW YORK CITY

Cordley & Hayes, 7-9 Leonard.....Franklin 6015

FIBRE WOOD CARVING & CASKET ORNAMENTATION

NEW YORK

SYRACUSE

Syracuse Ornamental Co, 581 S Clinton..Warren 1079

FILE CLEANERS

ILLINOIS

CHICAGO

Munger H H, 120 W Lake.....Main 2649

FILE HANDLES—TAPERFIT

ILLINOIS

MOLINE

Strombeck-Becker Mfg Co, 51st & 4th av.Moline.1475

FILES

MICHIGAN

DETROIT

Detroit Vixen Company ("Vixen") Congress bldg, 34 Congress W.....Cherry 3110

PENNSYLVANIA

PHILADELPHIA

McCaffrey File Co (Mechanics, Swiss Pattern, Jewelers, Automobile Coil) 5th and Berks.....Bell-Kensington 2333 Keystone-Park 216

FILES FOR NEWSPAPERS AND MAGAZINES

NEW YORK

NEW YORK CITY

Universal Binder The, 7 East 14th....Stuyvesant 2639

FILES ROTARY SPARK METAL, SPECIAL MECHANICS FILES

NEW JERSEY

NEWARK

Parkes File Co The, 117-121 Verona av ..... Branch Brook 3419

FILING APPLIANCES

NEW YORK

NEW YORK CITY

Diemer John F Co, 67 Cortlandt..... Cortland 5608
See our Catalog Space, page 948

FILING CABINET SUPPLIES, GUIDES, FOLDERS, ETC.

NEW YORK

NEW YORK CITY

Koller & Smith Company Inc, 159 Leonard. Franklin 980

FILING CABINETS

ILLINOIS

CHICAGO

Amberg File & Index Co, 1400 Fulton.... Monroe 2850
Manufacturers Office Equipment Co, 101 S Wells ..... Franklin 5673

MASSACHUSETTS

BOSTON

Amberg File & Index Co, 14 Federal..... Fort Hill 3230
Bank & Office Equipment Co, 161 Summer. Beach 4632

NEW YORK

NEW YORK CITY

Amberg File & Index Co, 79-81 Duane.... Worth 5164

OHIO

YOUNGSTOWN

General Fireproofing Co The (All Steel) East Dennick..... Bell-Main 1250 Ohio State 2250

PENNSYLVANIA

PHILADELPHIA

Amberg File & Index Co, Widener bldg... Walnut 4674

PITTSBURGH

Amberg File & Index Co, First Natl Bankbldg. Court 1949

FILING CABINETS, CATALOGUE

PENNSYLVANIA

PITTSBURGH

Wells Adjustable Catalog Cabinet Co, 919 Liberty av ..... Grant 1512

FILING CABINETS, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

FILING CABINETS STEEL AND WOOD

PENNSYLVANIA

PHILADELPHIA

Art Direct Filing Co, 825 Chestnut ..... Bell-Walnut 7460 Keystone-Race 2521
See our Catalog Space, page 954

FILING CABINETS, SUPPLIES & OFFICE FURNITURE

ALABAMA

BIRMINGHAM

Roberts & Son, Mfg Stationers, 1810-1812, 3d av N..... Main 8461

FILING CASES, STEEL—DOUBLE AND SINGLE WALL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-12, 10th av S ..... Bell-Nicollet 534 Tri State 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, se cor 22d and 11th av ..... Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E ..... Bell-Main 3000 Ohio State 271

FILING SYSTEMS

NEW YORK

TONAWANDA

American Kardex Company, Main, Wheeler and Franklin ..... Tonawanda 869
See our Catalog Space, page 928

FILM COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt..... John 1625

FILM DISTRIBUTORS TO FOREIGN MARKETS

NEW YORK

NEW YORK CITY

Allen L H (Producers' Representative Buyers' Confidential Agent Translations), 110 W 40th..... Bryant 4279

FILM STORAGE

NEW YORK

NEW YORK CITY

Lloyds Film Storage Corpn, 345 W 40th... Bryant 5600

FILM TITLES

NEW YORK

NEW YORK CITY

Stern Ernest Inc (Illustrated & Plain Titles. Program Announcements), 729, 7th av ..... Bryant 8973

FILM-TITLES—TRICK-CARTOONS, DLRS NAMES INSERTED

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty ..... Canal 2415

FILMS (MANUFACTURERS)

INDIANA

INDIANAPOLIS

Coburn Photo & Film Co, 333 E Market ..... Bell-Main 3044 Automatic 22-144

FILMS (PRODUCERS)

ILLINOIS

CHICAGO

American Film Co Inc, 6227 Broadway.. Sunnyside 2740

FILMS, ADVERTISING AND COMMERCIAL

INDIANA

INDIANAPOLIS

Coburn Photo & Film Co, 333 E Market ..... Bell-Main 3044 Automatic 22-144

NEW YORK

NEW YORK CITY

Leggett-Gruen Corporation, 220 W 42d.. Bryant 9167

FILMS, ADVERTISING AND COMMERCIAL MFRS.

ILLINOIS

CHICAGO

Rothacker Film Mfg Co, 1339 Diversey Parkway ..... Diversey 2272
See our Catalog Space, page 982

FILMS, ADVERTISING, EDUCATIONAL AND INDUSTRIAL

NEW YORK

NEW YORK CITY

Novelty Films, 115 E 23d..... Gramercy 3671

FILMS, ADVERTISING IN MOTION PICTURE THEATRES

NEW YORK

NEW YORK CITY

Novelty Films, 115 E 23d..... Gramercy 3671

FILMS CARTOON ADVERTISING

ILLINOIS

CHICAGO

Camel Film Co, 3715 Grand av..... Albany 4928

FILMS, COMMERCIAL ADVERTISING—MANUFACTURERS

ILLINOIS

CHICAGO

National Advertising Film Co, 208 N Wells ..... Franklin 4606

INDIANA

INDIANAPOLIS

Coburn Photo & Film Co, 333 E Market ..... Bell-Main 3044 Automatic 22-144

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty ..... Canal 2415

FILMS, EDUCATIONAL AND INDUSTRIAL

INDIANA

INDIANAPOLIS

Coburn Photo & Film Co, 333 E Market ..... Bell-Main 3044 Automatic 22-144

NEW YORK

NEW YORK CITY

Leggett Gruen Corporation (Exclusive Industrial Agents for Pathe) 220 W 42d. Bryant 9167

FILTER CLOTH

NEW JERSEY

HARRISON

Shriver T & Co, 850 Hamilton..... Harrison 2140

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane..... Worth 4770

FILTER PAPER

NEW JERSEY

HARRISON

Shriver T & Co, 850 Hamilton..... Harrison 2140

FILTER PRESS CLOTHS ALL KINDS—MNFRS.

NEW YORK

NEW YORK CITY

Stanley W W, 50 Church..... Cortland 5119

FILTER PRESSES

ILLINOIS

CHICAGO

Perrin William R & Company, Old Colony bldg, 37 W VanBuren..... Harrison 4374

NEW JERSEY

HARRISON

Shriver T & Co, 850 Hamilton..... Harrison 2140

NEW YORK

NEW YORK CITY

Kelly Filter Press Co (Emil E Lungwitz, Eastern Rep), 90 West..... Rector 9848

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av N E..... Rosedale 6301

UTAH

SALT LAKE CITY

Kelly Filter Press Co, Felt B..... Wasatch 6068

FILTERING PAPER

NEW YORK

NEW YORK CITY

Dupont E & Co Inc (Prat Dumas French Filtering Paper) 90 Beekman..... Beekman 1170

FILTERS

ILLINOIS

CHICAGO

Allen Filter Service (The), 359 N State. Randolph 835

National Water Filters (Klemm & Co) 1364 W Grand av..... Monroe 3087

NEW YORK

NEW YORK CITY

Berkefeld Filter Co (August Giese & Son, Props) 4 and 6 Cedar..... John 1592

PENNSYLVANIA

PITTSBURGH

Scaife Wm B & Sons Co, 1st Nat Bk bldg. Oakmont 9

See our Catalog Space, page 1014

FILTERS—(FEED WATER)

NEW YORK

NEW YORK CITY

Row & Davis, Engineers Inc, 140 Cedar... Rector 9135

FILTERS—PRESSURE & VACUUM

ILLINOIS

CHICAGO

United Filters Corporation, 122 S Michigan av ..... Harrison 5990

NEW YORK

BROOKLYN

United Filters Corporation, 36 Flatbush av.. Main 8951

UTAH

SALT LAKE CITY

United Filters Corporation, Felt bldg.... Wasatch 6068

FILTERS, WATER

ILLINOIS

CHICAGO

Greer Chemical Co The, Great Northern bldg ..... Harrison 6970

Loomis-Manning Filter Distributing Co, (Anson-Byrne Co), 10 S Lasalle..... Main 35

MARYLAND

BALTIMORE

Loomis-Manning Filter Distributing Co, Law bldg ..... St Paul 1790

MASSACHUSETTS

BOSTON

Loomis-Manning Filter Distributing Co, Exchange bldg, 53 State..... Main 3850

MISSOURI

KANSAS CITY

Seneca Filter Co, 407 Jackson..... Bell-East 1994 av ..... Home-East 661

NEW YORK

NEW YORK CITY

Loomis-Manning Filter Distributing Co, Transit bldg Annex, 10 E 43d.... Vanderbilt 2225

PENNSYLVANIA

PHILADELPHIA

Loomis-Manning Filter Distributing Co, Main ofc 1421-55 South 37th..... Dickinson 1152

PITTSBURGH

Cummings Filter Co. The, 2701 Liberty av.. Grant 6594

FILTERS—WATER DISTILLING APPARATUS

ILLINOIS

CHICAGO

Jewell Polar Co, 24-30 S Clinton..... Franklin 5545

See our Catalog Space, page 1022

FIRE ALARM SYSTEMS

MASSACHUSETTS

BOSTON

Boston Fire & Police Notificiation Co, 11 High ..... Main 2775

FIRE ALARMS

NEW YORK

NEW YORK CITY

Metropolitan Electric Protective Co, 130 W 26th ..... Farragut 3144

FIRE APPARATUS

PENNSYLVANIA

PHILADELPHIA

Clay John H (Engine House Door Equipment), 1320 Ridge av..... Poplar 5274

FIRE APPARATUS—LADDERS AND CHEMICAL TANKS

WISCONSIN

KENOSHA

Pirsch Peter & Company, Fairfield av.... Kenosha 555

FIRE APPARATUS AND SUPPLIES, HOSE CARTS LADDERS

RHODE ISLAND

PROVIDENCE

Combination Ladder Co, 366 Fountain.... Gaspee 1488

FIRE APPLIANCES

GEORGIA

ATLANTA

Pyrene Manufacturing Co, 259 Peach Tree... Ivy 7377

ILLINOIS

CHICAGO

Pyrene Manufacturing Co, 175 W Jackson bl ..... Wabash 6310

MISSOURI

KANSAS CITY

Pyrene Manufacturing Co, 1712 Grand av. Grand 204

NEW YORK

NEW YORK CITY

Fire Fighting Devices Co, 70, 5th av... Chelsea 707

Pyrene Manufacturing Co, 52 Vanderbilt av ..... Murry Hill 358

OHIO

CLEVELAND

Pyrene Manufacturing Co, 1223 Prospect av ..... Prospect 33

FIRE BRICK

CONNECTICUT

NEW HAVEN

Howard Company The, 250 Boulevard..Liberty 833

MARYLAND

FROSTBURG

Savage Mountain Fire Brick Co, 35 Bowery .....Frostburg 212

MICHIGAN

DETROIT

Detroit Clay Products & Sand Co, 816 Kresge .....Cadillac 5381
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758

NEW JERSEY

PERTH AMBOY

Didier-March Co, Box 327.....Perth Amboy 476

NEW YORK

BUFFALO

Hall & Sons Inc, 69 Tonawanda.....North 66

NEW YORK CITY

Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn .....Hamilton 14
Puls Charles H (Fire Brick of Every Description. Export or domestic delivery. Packed or Loose) 131-133 E 23d.....Gramercy 5360

OHIO

CLEVELAND

Stowe Fuller Co The, Rockefeller bldg.....Main 2644

IRONTON

Ironton Fire Brick Co The, Ironton....Bell-Main 109

PORTSMOUTH

Carlyle-Labold Co The.....Bell-Portsmouth 47
.....Ohio State 173

PENNSYLVANIA

CONNELLSVILLE

Soisson Jos Fire Brick Co, 149 W Crawford av.....Bell-Connellsville 18
.....Tri State 185

PITTSBURGH

MacDonald & Overend (Clay Brick, Silica Brick, Fire Clay), 2d Natl Bk bldg....Grant 3932
West Virginia Fire Clay Mfg Co, Diamond Natl Bank bldg ..... Court 620

SCRANTON

Wagner Fire Brick Co The, Lackawanna av .....Bell-Scranton 7278
.....Independent 1603

WEST VIRGINIA

FAIRMONT

Hammond Fire Brick Co, Jacobs bldg....Fairmont 161

FIRE BRICK (HIGH GRADE)

PENNSYLVANIA

MT BRADDOCK

Eureka Fire Brick Works.....Dunbar 49

FIRE BRICK—BAUXITE (MAGNALITE) ACID PROOF

MISSOURI

ST LOUIS

Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 955

FIRE BRICK CEMENT

NEW YORK

NEW YORK CITY

Hoffman Chas V Co Inc, 95 Liberty st..Cortland 1967

FIRE BRICK AND CLAY

PENNSYLVANIA

NEW BRIGHTON

Brighton Fire Brick Company .....Bell-New Brighton 1220
.....Beaver County 1413

PITTSBURGH

McLain Fire Brick Co The, Fulton bldg...Grant 1721

FIRE BRICK & LADLE BRICK

PENNSYLVANIA

PITTSBURGH

Johnetta Brick & Coal Co, Chamber of Commerce bldg .....Grant 6290

FIRE BRICK, SILICA, MAGNESITE AND CHROME

ALABAMA

BIRMINGHAM

Harbison-Walker Refractories Co, Brown Marx bldg .....Main 7068

ILLINOIS

CHICAGO

Harbison-Walker Refractories Co, Continental and Commercial Bk bldg ....Wabash 6218

NEW YORK

BUFFALO

Harbison-Walker Refractories Co, Marine Natl Bk bldg.....Seneca 4294

NEW YORK CITY

Harbison-Walker Refractories Co, Natl Bk of Commerce .....Cortland 3777

OHIO

CLEVELAND

Harbison-Walker Refractories Co, Rockefeller bldg .....Main 5263

PENNSYLVANIA

PHILADELPHIA

Harbison-Walker Refractories Co., Morris bldg .....Spruce 4794

PITTSBURGH

Harbison-Walker Refractories Co, Farmers Bank bldg .....Grant 942

FIRE BRICK—STOVE LININGS

NEW YORK

PEEKSKILL

Peekskill Fire Brick Works Inc, 44 Water.Pkskill 257-J

FIRE CLAY

MICHIGAN

DETROIT

Detroit Clay Products Co, 816 Kresge..Cadillac 5381

NEW YORK

NEW YORK CITY

Hoffman Chas V Co Inc, 95 Liberty...Cortland 1967
Puls Charles H, (Ground, packed in bags or barrels) 131-133 E 23d.....Gramercy 5360

PENNSYLVANIA

PITTSBURGH

West Virginia Fire Clay Mfg Co, Diamond Natl Bank bldg.....Court 620

FIRE CLAY—FURNACE, GLASS POT, CRUCIBLE & ENAMELING

MISSOURI

ST LOUIS

Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 955

FIRE CLAY, GROUND OR FLAKED

WEST VIRGINIA

WHEELING

Mack Manufacturing Co, German Bank bldg .....Wheeling 888

FIRE CLAY, HIGH GRADE PLASTIC

MISSOURI

ST LOUIS

Oak Hill Fire Clay Co, 39th & Neosho.Riverside 653

FIRE, DECK AND WATER HOSE, ETC.

NEW YORK

NEW YORK CITY

Danubil Co The, 253 Broadway.....Barclay 6017
See our Catalog Space, page 915

FIRE DEPARTMENT SUPPLIES

NEW JERSEY

NEWARK

Wheaton A W Brass Works, Walnut and NJ RR av.....Market 4496

NEW YORK

NEW YORK CITY

Woodhouse Mfg Co, The, 54 W Bway....Barclay 7092

FIRE DOOR HANGERS

INDIANA

RICHMOND

Richmond Safety Gate Co, N 15th & Penn R R.....Richmond 1809

FIRE DOORS

ILLINOIS

CHICAGO

Guaranty Iron & Wire Co, 2851 W Lake..Garfield 7259
Hanke Iron & Wire Works, 840 N Albany av .....Garfield 970

INDIANA

RICHMOND

Richmond Safety Gate Co, N 15th & Penn R R.....Richmond 1809

FIRE DOORS (TINCLAD AND KALEMEIN)

MASSACHUSETTS

BOSTON

Penn Metal Co, 201 Devonshire.....Fort Hill 4800

FIRE DOORS, FIRE ESCAPES & ORNAMENTAL IRON WORKS

MINNESOTA

ST PAUL

St Paul Iron Works, 1161 University av ..... Bell-Dale 9448, Tri State 84928

FIRE EQUIPMENT

PENNSYLVANIA

PHILADELPHIA

Wirt & Knox Mfg Co, 23d and York ..... Bell-Diamond 4869, Keystone-Park 830

FIRE ESCAPES

ILLINOIS

CHICAGO

Central Iron Works Lake and Sangamon .. Monroe 2327
Hanke Iron & Wire Works, 840 N Albany av ..... Garfield 970
Standard Fire Escape Co, 168 N May . Haymarket 585

MASSACHUSETTS

BOSTON

American Architectural Iron Works, 121 Liverpool ..... East Boston 295

MISSOURI

ST LOUIS

American Fire Escape Co, 3941-51 Forest Park bl ..... Lindell 1138
Lasar Mfg Co, 1314 N 16th ..... Tyler 118

PENNSYLVANIA

PHILADELPHIA

Tierney J P, 269 S 4th ..... Lombard 3115

FIRE ESCAPES—IRON STAIR & LADDER CONSTRUCTION

ILLINOIS

CHICAGO

Smith F P Wire and Iron Works, 54 W Lake ..... Central 438

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis ..... Mt Vernon 980

FIRE ESCAPES, ROPE & CABLE

PENNSYLVANIA

PHILADELPHIA

Rope Fire Escape Co (Largest stock in the Last. Sold as low as $3.00) 1602 Market ... Spruce 4955
Tierney J P, 269 S 4th ..... Lombard 3115

FIRE ESCAPES, STAIRS, IRON FENCES AND GATES

CONNECTICUT

BRIDGEPORT

Kruchkow Bro, 157 Stratford av ..... Barnum 6351

TEXAS

DALLAS

Southern Wire & Iron Co (Harwood & Lemmon) R R ..... Edgewood 232

FIRE ESCAPES & STRUCTURAL STEEL

IOWA

DUBUQUE

Voggenthaler E J Co, 820, 8th ..... Dubuque 457

FIRE EXTINGUISHER APPLIANCES

NEW YORK

NEW YORK CITY

Safety Fire Extinguisher Co ("Safety Fire Bucket Tank"—"Safety Fire Extinguisher", Chemical Engines, Underwriters Hose), 291-293, 7th av ..... Farragut 3356

FIRE EXTINGUISHERS

CALIFORNIA

SAN FRANCISCO

Gorham Fire Apparatus Co, Ltd (H E Schottler, Mgr The Fyr-Fyter Co), 127-129 Mission Sutter 312

ILLINOIS

CHICAGO

Fyr-Fyter Co The (B H Phister, Mgr) 175 W Jackson bl ..... Wabash 2020
Harden Hand Grenade Fire Extinguisher Co, 6213 Wentworth av ..... Englewood 8614
McMorran Edw E & Co, 126 N Union .. Haymarket 66
Miller Chemical Engine Co (Miller Acid-Standard Miller Non Freezing Pump, Type-Underwriters Label) 220-222 W Huron ..... Superior 833
Pyrofoam Co The, 126 N Union ..... Haymarket 66

INDIANA

INDIANAPOLIS

Fyr-Fyter Co The (A D Jones, Mgr) 309 Penn ..... Bell-Main 4084, Automatic 25-284

MASSACHUSETTS

BOSTON

Knight & Thomas Inc, 212 Summer ..... Main 7694

MICHIGAN

DETROIT

Fyr-Fyter Co The (H J Lindsley, Mgr) Moffat bldg ..... Main 2668

MISSOURI

KANSAS CITY

Fyr-Fyter Co The (K D Frisby, Mgr) 117-121 W 14th ..... Bell-Grand 4327, Independent-Main 4319

NEW YORK

NEW YORK CITY

Columbia Fire Extinguisher Co, 174 Centre ..... Franklin 26
Fire Fighting Devices Co (Non-freezing portable extinguishers and automatic chemical sprinklers for every kind of fire) 70, 5th av .... Chelsea 7070
Fyr-Fyter Sales Co, 26 Cortlandt ..... Cortland 6183
Knight & Thomas Inc, 35 Reade ..... Worth 3567
Lewis Samuel, 73 Barclay ..... Barclay 5406

OHIO

CINCINNATI

Fyr-Fyter Co The (J F Story, Mgr), 805 Sycamore ..... Canal 60
Harker Manufacturing Co (Queen) 410 E Pearl ..... Canal 1355

CLEVELAND

Fyr-Fyter Co The (M F Kane, Mgr) 1512 Prospect av N E ..... Prospect 2590

DAYTON

Fyr-Fyter Co The (Roscoe C Iddings, Genl Mgr) 32 S Jefferson ..... Bell-Main 6100, Ohio State 6100

PENNSYLVANIA

PHILADELPHIA

Castle Jas M Inc (The Fyr-Fyter Co) Lincoln bldg ..... Filbert 4512

PITTSBURGH

Brosius W E Co (The Fyr-Fyter Co) Fulton bldg ..... Grant 1528

TEXAS

SAN ANTONIO

Burke & Simms (The Fyr-Fyter Co) Hicks bldg ..... Crockett 696

WISCONSIN

RACINE

Racine Iron & Wire Works, Prospect cor Superior ..... Racine 1254

FIRE EXTINGUISHERS (FOAM TYPE ALL SIZES)

WISCONSIN

MILWAUKEE

Erwin Mfg Co, Montgomery bldg ..... Main 1157

FIRE EXTINGUISHERS (1 QUART CHEMICAL) APPROVED

ILLINOIS

CHICAGO

Justrite Manufacturing Co, 2062 Southport av ..... Diversey 2114

FIRE EXTINGUISHERS AUTOMATIC

NEW YORK

NEW YORK CITY

Automatic Sprinkler Co of America, 128 William ..... John 4983

FIRE EXTINGUISHERS AUTOMATIC FOR TANKS

NEW YORK

NEW YORK CITY

Fire Fighting Devices Co, 70, 5th av ..... Chelsea 7070

FIRE EXTINGUISHERS, FIRE BUCKETS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av ..... Kedzie 2266

FIRE GONGS, MECHANICAL & ELECTRICAL

PENNSYLVANIA

PHILADELPHIA

Rope Fire Escape Co, 1602 Market ..... Spruce 4955
Tierney J P, 269 S 4th ..... Lombard 3115

FIRE HOSE, SECOND HAND, ALL SIZES

NEW YORK

NEW YORK CITY

Kane Edward J, 59 Ann ..... Beekman 5436

FIRE PLACE FIXTURES

NEW YORK

NEW YORK CITY

Jackson's Mantel & Grate Wks Inc, 2-16 W 38d ..... Mad Sq 4216

FIRE PLACE FOLDING SCREENS AND SPARK GUARDS

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th..... Bryant 8430

FIRE PLACES

COLORADO

DENVER

McElhinney Tile & Marble Co The (Complete Fireplaces including Dampers, Grates & Fixtures) 425, 17th st..... Main 5599

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th..... Bryant 8430

FIRE PLACES AND MANTEL PIECES

NEW YORK

NEW YORK CITY

'ackson Edwin A & Bro Inc, 50 Beekman. Beekman 1841

FIRE SCREENS FOR OPEN FIRE PLACES

NEW YORK

NEW YORK CITY

agy Frank, 351 E 133d..... Melrose 6381

IRE WORKS

ILLINOIS

CHICAGO

ıearle-Duffield Fireworks Display Co, 36 S State ..... Randolph 1621

NEW YORK

NEW YORK CITY

ıgner M, 34 Park pl..... Barclay 7815

IRE WORKS MFRS. DISPLAYS FOR CELEBRATIONS, ETC.

ILLINOIS

CHICAGO

'th American Fire Works Co, 220 S State ..... Harrison 666

RELESS COOKERS

NEW YORK

NEW YORK CITY

ison Edwin A & Bro Inc, 50 Beekman. Beekman 1841

FIREPROOF BUILDING MATERIALS

DISTRICT OF COLUMBIA

WASHINGTON

General Fireproofing Co The, Woodward bldg ..... Main 3044

GEORGIA

ATLANTA

General Fireproofing Co The, The Third National Bank bldg..... Ivy 8971

ILLINOIS

CHICAGO

General Fireproofing Co The, 325 W Madison ..... Franklin 5374

NEW YORK

BUFFALO

General Fireproofing Co The, Ellicott Square bldg ..... Seneca 1092

NEW YORK CITY

General Fireproofing Co The, 395 Broadway ..... Franklin 2783

UTICA

General Fireproofing Co The, Clarendon bldg ..... Utica 3230-W

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250, Ohio State 2250

PENNSYLVANIA

PHILADELPHIA

General Fireproofing Co The Pennsylvania bldg ..... Bell-Spruce 1073, Keystone-Race 2874

FIREPROOF BUILDING SPECIALTIES

OHIO

TOLEDO

Building Products Co The, 222 Sycamore ..... Bell-Main 6297, Ohio State-Main 4217

FIREPROOF BUILDINGS—ENGINEERS AND CONTRACTORS

NEW YORK

BUFFALO

Monarch Engineering Co, Chamber of Commerce bldg ..... Seneca 3012

FIREPROOF DOORS

NEW YORK

NEW YORK CITY

World Fire Proof Door Corp, 145th & Southern bl ..... Melrose 8730

FIREPROOF DOORS & SHUTTERS

NEW YORK

NEW YORK CITY

Brodie William H Co, 38 Park pl..... Barclay 7616

Standard Fireproof Sash & Door Co, 16 Eckford ..... Greenpoint 1087

FIREPROOF DOORS & WINDOWS

DISTRICT OF COLUMBIA

WASHINGTON

Reliance Fireproof Door Co (C A Hofferberth) Real Estate Trust bldg..... Main 8619

ILLINOIS

CHICAGO

Reliance Fireproof Door Co, (M R Duffy) 189 W Madison..... Franklin 1779

INDIANA

INDIANAPOLIS

Baker Hugh J & Company, Majestic bldg ..... Bell-Main 1728, Automatic 25-913

MASSACHUSETTS

BOSTON

Reliance Fireproof Door Co, (Thayer, Kohn & Beyer Co) 6 Beacon..... Haymarket 900

MICHIGAN

DETROIT

Reliance Fireproof Door Co (J W Rollinson) Penobscot bldg..... Main 4135

MISSOURI

ST LOUIS

Reliance Fireproof Door Co (St Louis Sales Co), Chemical bldg ..... Main 150

NEW YORK

NEW YORK CITY

Clark William F Co, 305-313, 4th av Bklyn ..... South 5097

Gabler F M Inc, 118 Leroy..... Spring 9340

National Sash & Door Co Inc, 139-141 Bayard, Bklyn ..... Greenpoint 1646

Reliance Fireproof Door Co, West and Milton and Greenpoint av, Bklyn.. Greenpoint 2211

ROCHESTER

Reliance Fireproof Door Co (Building Specialties Co Inc), 176 Clinton av S ..... Bell-Main 653, Rochester-Stone 704

OHIO

CINCINNATI

Reliance Fireproof Door Co (The Builders Material Co), Johnston bldg..... Main 228

CLEVELAND

Reliance Fireproof Door Co (The Geis-Hasse Co) Swetland bldg..... Prospect 611

PENNSYLVANIA

PHILADELPHIA

Reliance Fireproof Door Co (F J Wilson Co) Land Title bldg..... Locust 2313

PITTSBURGH

Reliance Fireproof Door Co (All Steel Equipment Co), Union Arcade bldg.... Grant 6177

FIREPROOF FLOORS, FLAT SLAB

MASSACHUSETTS

BOSTON

Tucker Edward A Co (Akme Flat Slab) 683 Atlantic av..... Beach 4670

FIREPROOF STAIRS

ILLINOIS

CHICAGO

Aetna Iron & Wire Company, 119-123 N Sheldon ..... Haymarket 1877

FIREPROOF WINDOWS

NEW YORK

NEW YORK CITY

World Fire Proof Door Corp, 145th and Southern bl ..... Melrose 8730

FIREPROOF WINDOWS & SASH

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av..Vanderbilt 1719

FIREPROOFERS, COTTON AND LINEN FABRICS

NEW YORK

NEW YORK CITY

Antipyros Company The (Scenery Canvas, Burlaps, Bunting, Denim, Duck, Velvet, Etc, Fireproofing Solutions and Compounds), 170 Greene.Spring 5410

FIRST AID, ARMY & NAVY KITS, FACTORY KITS, ETC.

NEW YORK

NEW YORK CITY

National Safety First Aid Kit Co, 79 Fifth av .....Stuyvesant 2009

FIRST AID CABINETS KITS AND SUPPLIES

MASSACHUSETTS

BOSTON

First Aid Equipment Co, 157 Federal.....Main 1500

FIRST AID CABINETS & SUPPLIES

NEW YORK

NEW YORK CITY

First Aid Equipment Co, 16 East 23d.Gramercy 6428

FIRST AID EQUIPMENTS

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor of 18th...Styvsnt 2523
See our Catalog Space, page 960

FIRST AID SUPPLIES

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 E 27th .....Chelsea 5449
Walters Laboratories The, 53-55, 5th av .....Stuyvesant 746

FIRST AID SUPPLIES & EQUIPMENT

PENNSYLVANIA

PITTSBURGH

Mine Safety Appliances Co, Chamber of Commerce bldg .....Grant 5872

FISH

ILLINOIS

CHICAGO

Boak R B & Co, 342 N Lasalle.....Main 4996
Lake Superior Fish Co, 546 Fulton.....Main 3828

FISH (BONELESS SALT-ATLANTIC COAST)

MAINE

PORTAND

Lord Bros Co The, 1 Central Wharf.....Portland 722

FISH—CATCHERS AND DISTRIBUTORS, ALL KINDS LAKE FISH

OHIO

SANDUSKY

United Fisheries Co The, Ft Decatur st Bell-Main 41
.....Ohio State 41

FISH DEALERS, HOTELS & RESTAURANTS SUPPLIED

ILLINOIS

CHICAGO

Sloan Geo S & Sons, 62 W South Water..Central 1511

FISH GLOBES, ORNAMENTS, ETC

NEW YORK

NEW YORK CITY

Wapler Nicholas, 28 Warren.....Barclay 5920

FISH & OYSTERS (FRESH)

IOWA

DAVENPORT

Davenport Fish Co, 228-230 E Third...Davenport 3889

FISH, OYSTERS & POULTRY

OHIO

CINCINNATI

Anderson Independent Fish Co., 138 W Court .....Canal 2274

FISH SMOKED, SALTED WHOLESALE

NEW YORK

NEW YORK CITY

Schnibbe Richard Inc, 257 Metropolitan av Bklyn .....Greenpoint 3066

FISH, SMOKED & PRESERVED, WHOLESALE

MINNESOTA

MINNEAPOLIS

The Kildall Company (Corporate title Kildall Fish Co) cor 5th av N and Washington .....Bell-Main 1400
.....Tri State 39111

NEW YORK

NEW YORK CITY

Schmidt S & Co, 148-152 W 19th .....Chelsea 5250

FISHING RODS

NEW YORK

UTICA

Divine Fred D Co The, 505 Roberts.....Utica 2370-J

FITTINGS

CALIFORNIA

SAN FRANCISCO

California Steam & Plumbing Supply Co, 671-79, 5th .....Sutter 737

ILLINOIS

CHICAGO

Kelly & Jones Co, 157 N Clark.....Central 1327

NEW YORK

NEW YORK CITY

Kelly & Jones Co, Park Row bldg.....Barclay 8360

PENNSYLVANIA

PITTSBURGH

Kelly & Jones Co, 135 Water.....Court 203

FITTINGS—CAST IRON B & S AND FLANGE

MASSACHUSETTS

BOSTON

Donaldson Iron Co (Chas F Glavin) 24 Milk .....Main 1795

NEW YORK

NEW YORK CITY

Donaldson Iron Co (John Fox & Co) 253 Broadway .....Barclay 6215

PENNSYLVANIA

EMAUS

Donaldson Iron Co, Emaus.....Emaus 23-B

FITTINGS—CAST IRON B & S FLANGE, FLEXIBLE JOINT

ALABAMA

BIRMINGHAM

United States Cast Iron Pipe & Foundry Co, 1st av and 20th.....Main 3738

CALIFORNIA

SAN FRANCISCO

United States Cast Iron Pipe & Foundry Co, 3d and Market.....Kearney 562

ILLINOIS

CHICAGO

United States Cast Iron Pipe & Foundry Co, 122 S Mich bl.....Harrison 6863

MISSOURI

ST LOUIS

United States Cast Iron Pipe & Foundry Co, 319 N 4th.....Olive 549

NEW YORK

BUFFALO

United States Cast Iron Pipe & Foundry Co, 957 E Ferry.....Oxford 239

NEW YORK CITY

United States Cast Iron Pipe & Foundry Co, 71 Broadway.....Rector 655

OHIO

CLEVELAND

United States Cast Iron Pipe & Foundry Co, 1150 E 26th.....Prospect 761

PENNSYLVANIA

PHILADELPHIA

United States Cast Iron Pipe & Foundry Co, 1421 Chestnut.....Spruce 1000
Wood R D Co, 400 Chestnut.....Lombard 1020

PITTSBURGH

United States Cast Iron Pipe & Foundry Co, 6th and Smithfield.....Grant 767

FITTINGS—CAST IRON, FLANGE

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive.....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Broadway .....Cortland 8110

FITTINGS, EXTRA HEAVY, FOR NATURAL GAS & OIL

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg..Grant 1516
See our Catalog Space, page 976

FITTINGS, IRON PIPE, SCREWED AND FLANGED

ILLINOIS

CHICAGO

Limbert Geo B & Co, 558-570 Fulton.....Main 3984

FITTINGS STEAM & HYDRAULIC

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

FITTINGS, UNIONS & NIPPLES—MFRS.STANDARD & EXTRAHEAVY

PENNSYLVANIA

PITTSBURGH

Acheson Mfg Co, Rankin Pa., Braddock P O .....Braddock 64

FITTINGS, VALVES ACCUMULATORS, PUMPS, PRESSES, HYDRLC

NEW YORK

NEW YORK CITY

Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

OHIO

MT GILEAD

Hydraulic Press Mfg Co The .....Independent 35

FIXTURES—BANK, STORE AND OFFICE

ILLINOIS

CHICAGO

Chick Johnson Company, 1737-45 N Paulina .....Haymarket 3957

FIXTURES, ELECTRIC LIGHTING, FOR ALL PURPOSES

TEXAS

HOUSTON

Reflectolyte Company The (Tel-Electric Co Distributors), 602 Preston av.....Preston 676
See our Catalog Space, page 969

FIXTURES FOR TOILET AND TOWEL PAPERS

NEW YORK

HERKIMER

Bens S J Mfg Corp The (New Idea. Real Handy Improvement. Catalog) Prospect st.Herkimer 131-W

FIXTURES, LIGHTING, FOR ALL PURPOSES

MISSOURI

ST LOUIS

Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

FLAG POLES

ILLINOIS

CHICAGO

Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167, 1st av...Plaza 35

OHIO

CINCINNATI

U S Flag Co, 329-331-333 Lock.....Canal 3099

FLAG POLES AND SPAR MAKERS

NEW JERSEY

CAMDEN

Lingo John E & Son, Foot of Elm.....Camden 487

FLAG POLES, SPARS & BOOMS

NEW YORK

NEW YORK CITY

Corbett & Co, 109th and East River.....Harlem 1711

FLAG STAFFS STEEL RIVETED

IOWA

DUBUQUE

Marshall Wm Steam Boiler Works, 10th and Washington .....Dubuque 300

FLAGS

ILLINOIS

CHICAGO

Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

INDIANA

ANDERSON

Ward-Stilson Co The.....Anderson 572

MASSACHUSETTS

BOSTON

American Awning & Tent Co, 235 State.Richmond 1575
Hoyt George T Co, 52 South Market....Richmond 1615
Trundy & Co, 165 Milk.....Main 2242

NEW YORK

NEW YORK CITY

Aetna Flag and Banner Co (Pennants, Badges, Novelties, Flags with Special Lettering and Designs Made to Order), 123 E 23d Gramercy 5931
Columbus Mfg & Supply Co, Inc, 830 9th av .....Columbus 7171
Federal Flag Co (Signal Flags, Foreign Ensigns, Service Flags, Jacks, Burgees, Pennants & Special Designs), 37 Union Sq.....Stuyvesant 4504

OHIO

CINCINNATI

U S Flag Co, 329-331-333 Lock.....Canal 3099

PENNSYLVANIA

PHILADELPHIA

Fink Louis Sons, 56 N 7th.....Market 2406

RHODE ISLAND

PROVIDENCE

American Pennant Mfg Co, 281-285 Broad .....Union 4080-W

WISCONSIN

MILWAUKEE

Munson Kenney Company, 460 Broadway...Main 660

FLAGS, BADGES & PENNANTS

ILLINOIS

CHICAGO

Lauterer Geo Co, 222 W Madison.....Main 4728

FLAGS AND BANNERS

NEW YORK

NEW YORK CITY

Eagle Regalia Co, 115 Nassau.....Cortland 5096

PENNSYLVANIA

PITTSBURGH

Bunting Stamp Co, 713 Liberty.....Grant 6878

FLAGS AND BANNERS (MANUFACTURERS)

ILLINOIS

CHICAGO

American Flag Co, 54-56 W Lake.....Central 212

NEW YORK

NEW YORK CITY

American Flag Co, 73-77 Mercer.....Spring 4276

PENNSYLVANIA

PHILADELPHIA

Stilz Louis E & Bro Co, 151-55 N Fourth.Market 3873

FLAGS, BANNERS & PENNANTS

NEW YORK

NEW YORK CITY

McHugh Mfg Co The, 242 West 41st.....Bryant 2693

PENNSYLVANIA

PHILADELPHIA

Humphrys D C Co, 909 Filbert st Bell-Walnut 510
..... Keystone-Race 3528
Kenney Co The, 1314 Arch.....Walnut 4018
Philadelphia Badge Co, 942 Market.....Filbert 3976

FLAGS—BANNERS & PENNANTS (CLOTH & PAPER ONLY)

OHIO

CINCINNATI

Runey Show Print, 216 W Liberty.....Canal 2415

FLAGS & DECORATIONS

ILLINOIS

CHICAGO

Old Glory Manufacturing Co, 26 S Wells .....Franklin 5030

FLAGS, GENERAL & SPECIAL DECORATIONS

NEW YORK

NEW YORK CITY

Hamilton W F Co, 49 W 58th.....Plaza 9751

FLAGS—METAL STAFFS—PENNANTS FOR RADIATORS

NEW YORK

NEW YORK CITY

Block Metal Stamping Co, Inc, 88 Walker. Franklin 630

FLAGS OF EVERY DESCRIPTION

PENNSYLVANIA

PHILADELPHIA

Lindh Charles E Inc, 9th and Spring Garden. Poplar 5091

FLAGS—SILK

NEW YORK

NEW YORK CITY

New York Flag & Banner Co, 257, 4th av .....Gramercy 3163

FLASHERS FOR ELECTRIC SIGNS

ILLINOIS

CHICAGO

Reynolds Electric Flasher Mfg Co, 422 S Talman av .....West 35

NEW YORK

NEW YORK CITY

Reynolds Electric Co, 1123 Bway.....Farragut 8866

FLASHLIGHTS

NEW YORK

NEW YORK CITY

Franco Flashlights, 104 S 4th Bklyn .....Greenpoint 4700
Interstate Electric Novelty Co, 104 S 4th Bklyn .....Greenpoint 4700

FLASHLIGHTS AND BATTERIES

NEW YORK

NEW YORK CITY

American Eveready Works, Thomson and Orton, L I City .....Hunters Point 5100
Neco Manufacturing Co, 424-438 W 33d. Chelsea 9380

FLAT IRONS, ELECTRIC

ILLINOIS

CHICAGO

Lincoln Electric Works (R J Morgan), Heyworth bldg .....Randolph 4142

FLAT SLAB—REINFORCED CONCRETE FLOORS

ILLINOIS

CHICAGO

Barton Spider Web System, Kimball bldg. Wabash 2188

FLAVORING EXTRACTS

NEW YORK

BUFFALO

Pickering Company Inc, 67 S Main....Seneca 3555-W

NEW YORK CITY

Florasynth Laboratories Inc, 231 Pearl....John 5303

FLAVORS, CONCENTRATED, OF EVERY DESCRIPTION

NEW YORK

NEW YORK CITY

Fries & Fries, 242 Pearl.....John 737
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OHIO

CINCINNATI

Fries & Fries, 121-123 W 3d.....Main 2777
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FLAX, HEMP & JUTE

NEW YORK

NEW YORK CITY

Andrews Robert Company, 115-117 Franklin .....Franklin 3880

FLAX PACKING

NEW YORK

NEW YORK CITY

Danubil Co The, 253 Broadway.....Barclay 6017
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FLEXIBLE ARMS

NEW JERSEY

NEWARK

Breeze Manufacturing Company, The, 248-250 South .....Market 4734

FLEXIBLE GLUES

NEW YORK

NEW YORK CITY

Bayard & Co Inc, 29 Broadway.....Whitehall 620

FLEXIBLE METAL HOSE

NEW JERSEY

NEWARK

Breeze Manufacturing Company, The 248-250 South .....Market 4734

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Broadway...Rector 8024

FLEXIBLE METAL HOSE (MFRS.) SPECIALISTS

NEW YORK

NEW YORK CITY

Metal Hose & Tubing Co, 253 Tillary, Bklyn .....Main 9975

FLEXIBLE OIL CONVEYORS

NEW JERSEY

NEWARK

Breeze Manufacturing Company, The, 248-250 South .....Market 4734

FLEXIBLE SHAFTING FOR ALL PURPOSES

NEW JERSEY

NEWARK

Webb Manufacturing Company, Foot of Centre .....Mulberry 2147

FLOAT AND BALANCE VALVES

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
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FLOATS, SPECIAL, DECORATIONS DESIGNED & BUILT

NEW YORK

NEW YORK CITY

Hamilton W F Co, 49 W 58th.....Plaza 9751

FLOOD-LIGHT PROJECTORS

ILLINOIS

CHICAGO

Harter Mfg Company, 522 S Clinton....Harrison 2436

FLOOR COVERINGS, RUGS

NEW YORK

NEW YORK CITY

Gary Theo H Co, 67-69 Irving pl...Stuyvesant 7761

FLOOR DRAINS

ALABAMA

ANNISTON

Central Foundry Company The ("Lynn") 10th and Montrose .....Anniston 38
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BESSEMER

Central Foundry Company The ("Lynn") 730, 22d .....Bessemer 44
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HOLT

Central Foundry Company The ("Lynn") Tuscaloosa 932
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CALIFORNIA

SAN FRANCISCO

Central Foundry Company The ("Lynn") Rialto bldg .....Kearney 1954
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GEORGIA

ATLANTA

Central Foundry Company The ("Lynn") Trust Co of Ga bldg.....Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The ("Lynn")
332 S Michigan av .....Harrison 2181
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INDIANA

VINCENNES

Central Foundry Company The ("Lynn")
1719 N 2d Main-566
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MARYLAND

BALTIMORE

Central Foundry Company The ("Lynn")
Dundalk .....Wolfe 73
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MASSACHUSETTS

BOSTON

Central Foundry Company The ("Lynn")
105 Cummings .....Roxbury 1310
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MISSOURI

KANSAS CITY

Central Foundry Company The ("Lynn")
Commerce bldg .....Main 4633
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Crampton-Farley Brass Co, 221 Main.Home-Main 2359
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NEW JERSEY

NEWARK

Central Foundry Company The ("Lynn")
Foot of Lockwood.....Market 6510
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NEW YORK

MEDINA

Central Foundry Company The ("Lynn")
Glenwood av .....W-Medina 277
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NEW YORK CITY

Central Foundry Company The ("Lynn")
90 West .....Rector 1860
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PENNSYLVANIA

LANSDALE

Central Foundry Company The ("Lynn").Lansdale 56
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TEXAS

DALLAS

Central Foundry Company The ("Lynn")
Praetorian bldg .....Main 4431
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FLOOR MACHINES

NEW YORK

BUFFALO

Kelley Electric Machine Co, 1407 West av.North 2100

FLOOR OIL

NEW YORK

NEW YORK CITY

Lewis Samuel, 73 Barclay.....Barclay 5406

FLOOR PLATES—CHECKERED

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
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FLOOR PLATES, SAFETY

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50
Church .....Cortland 7444

FLOOR SCRAPERS

ILLINOIS

DWIGHT

Kipplinger G J.....Main 73

FLOOR SURFACING MACHINES—MNFRS.

ILLINOIS

CHICAGO

Schlueter M L, 225 W Illinois.....Main 2349

FLOOR SURFACING & PLANING MACHINE MNFRS.

NEW YORK

NEW YORK CITY

Wagner Frank, 447 W 38th.....Greeley 4280

FLOOR WALL TERRAZZO AND MOSAIC TILES

TENNESSEE

CHATTANOOGA

Standard Tile Company, Chamberlain bldg..Main 1318

FLOORING

MISSOURI

KANSAS CITY

Carter C J Lumber Co ("Bloxonend") Bell-Main 1177
R A Long bldg.....Home-Main 2369

NEW YORK

NEW YORK CITY

Linotol Flooring Co, 26 Reid Bklyn.....Hamilton 2309

FLOORING, COMPOSITION

ILLINOIS

CHICAGO

Muller Franklyn & Co (Genuine "Asbestone" Sanitary Fireproof Composition Flooring) 8 S Dearborn.....Randolph 798

ROCKFORD

Flexotile Floor Co.....Main 693

WAUKEGAN

Muller Franklyn R & Co, Madison and
Sand .....Waukegan 481

NEW YORK

NEW YORK CITY

Asbestolith Manufacturing Company (Resilient, fireproof, sanitary, Flooring, Wainscoting, stairs) 1 Madison av.....Gramercy 3794
"Troegerlith" Cheney & Company, 519
W 21st .....Farragut 4527

FLOORING COMPOSITION SANITARY FIREPROOF

MICHIGAN

DETROIT

Marbleloid Company The, Dime Bank
bldg .....Cadillac 6658

NEW YORK

NEW YORK CITY

Marbleloid Company The, Marbridge bldg
47 W 34th .....Greeley 4787

OHIO

CLEVELAND

Marbleloid Company The, Erie bldg.....Prospect 2307

PENNSYLVANIA

PHILADELPHIA

Marbleloid Company The, Pennsylvania bldg
15th & Chestnut .....Spruce 973

PITTSBURGH

Marbleloid Company The, Commonwealth
bldg .....Court 1385

FLOORING, CORK TILES

NEW YORK

NEW YORK CITY

Beaver Tile & Specialty Co Inc (Made from pure shavings; also colored Cork Rubber Composition Tile, Sanitary Base), 44 Cliff .....Beekman 4241

FLOORING, ROOFING, STUCCO AND POINTING MATERIALS

ILLINOIS

SPRINGFIELD

Lyko Co Inc, 9th and Monroe.....Main 1286

FLOORING SANITARY ASBESTOS COMPOSITION

NEW YORK

NEW YORK CITY

Asbestuslite Flooring Co, 450 Atlantic
av Bklyn .....Main 4588

FLOORS, ACID PROOF

ILLINOIS

CHICAGO

Fulton Asphalt Co, Monadnock blk.....Harrison 7114

FLOORS, ASPHALT

ILLINOIS

CHICAGO

Fulton Asphalt Co, Monadnock blk.....Harrison 7114

FLOORS—CEMENT FLOOR FINISH

MICHIGAN

DETROIT

Grauer Albert & Co (Bruner System),
216 Columbia E.....Main 2694

FLOORS, FIREPROOF METAL RIB LONG SPAN

MASSACHUSETTS

BOSTON

Tucker Edward A Co, 683 Atlantic av.....Beach 4670

FLOORS, HARDWOOD, SURFACING, FINISHING, HAND OR MACH.

ILLINOIS

CHICAGO

Rolfe Floor Co, 329 Plymouth ct .....Wabash 4932

MISSOURI

ST LOUIS

Preiss J H Hardwood Floor Co, 105 N 7th.....Bell-Olive 1412 Kinloch-Central 4544

FLOORS, MASTIC, ACID, ALKALINE, WATER & WEARPROOF

ILLINOIS

CHICAGO

Wearcrete Engineering Co (Rezilite), Peoples Gas bldg .....Harrison 2223

FLORISTS

CALIFORNIA

LOS ANGELES

Wolfskills & Morris Goldenson, 229 W 3d .....Manual-Main 782 Home-A 5038

ILLINOIS

CHICAGO

Fleischman Floral Co, 84 E Jackson bl ..Harrison 3341
Friedman, Congress Hotel.....Harrison 353
Lange A, 25 E Madison .....Central 3777

MASSACHUSETTS

BOSTON

Galvin Thos F Inc, 1 Park.....Haymarket 255
Hoffman 61 Massachusetts av.....Back Bay 702

MICHIGAN

DETROIT

Breitmeyer's John Sons, 26 Broadway.....Main 4260

NEW JERSEY

MADISON

Totty Charles H, Ridgedale av.....Madison 369

RUTHERFORD

Bobbink & Atkins.....Rutherford 700
Roehrs Julius Co.....Rutherford 90

NEW YORK

NEW YORK CITY

Myer, 611 Madison av.....Plaza 5296
Stumpp G L M, (New York's Favorite Flower Shop) 761, 5th av.....Plaza 8190

PENNSYLVANIA

PITTSBURGH

Williams Mrs E A, 621 Penn av .....Grant 915

FLORISTS (WHOLESALE AND RETAIL)

ILLINOIS

BATAVIA

Batavia Greenhouse Co, Batavia .....Bell-Batavia 142-R Interstate 99-M

ROCKFORD

Buckbee H W, 5000 Buckbee .....Main 111

FLORISTS DESIGNS (WIRE)

MICHIGAN

DETROIT

Detroit Wire Lamp Shade Co, 26½ Park pl Cherry 1151

FLORISTS' GLASS CLEANERS, DAYLIGHT

ILLINOIS

CHICAGO

Andersen Specialty Co, 6 E Lake.....Central 630

FLORISTS STORE FIXTURES & REFRIGERATORS, MNFRS

ILLINOIS

CHICAGO

Buchbinder Bros, 518-520 Milwaukee av..Monroe 5616

FLORISTS SUPPLIES

ILLINOIS

CHICAGO

Randall A L Company, 180 N Wabash av .....Central 7720

FLOTATION OILS, (WOOD CREO SOTE, CRUDE AND REFINED)

TENNESSEE

MEMPHIS

Forest Products Chemical Company, 1 C & Speed av.....Hemlock 227

FLOUR FEED MEAL (MNFRS. AND JOBBERS)

SOUTH CAROLINA

SPARTANBURG

Spartanburg Roller Mills, Gross and Pollard .....Spartanburg 612

FLOUR AND MEAL BAGS

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott Tyler and Sou Ry.....Main 1163

FLOUR MILL MACHINERY

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton.....Wabash 965

MICHIGAN

DETROIT

Dutton J B Machinery Co, 58 Washington bl .....Cherry 2153

NEW YORK

SILVER CREEK

Huntley Manufacturing Co, 10 Mechanic .....Silver Creek 163

FLOUR MILLS

INDIANA

EVANSVILLE

Igleheart Bros (Swans Down Cake Flour, Address Dept D), 1st av and Belt RR.Evansville 5600

MICHIGAN

ALLEGAN

Allegan Milling Co. .....Allegan 70

MISSOURI

KANSAS CITY

Kirk David B & Co, 622 Wyndotte....Home-Main 3890

FLOUR MILLS—COMPLETE EQUIPMENT

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

FLOUR SACK MANUFACTURERS

NEW YORK

NEW YORK CITY

Miller, Tompkins & Co, 487 Washington...Canal 9075

OHIO

MIDDLETOWN

Raymond Bag Co The, 410 E 6th....Middletown 727

FLOUR STOCK FEED AND CEREAL MILL MACHINERY

ILLINOIS

CHICAGO

Noth George J, 9 S Clinton.....Franklin 3949

FLOW METERS

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 4th av Peoples Bank bldg .....Court 3057
See our Catalog Space, page 956

FLOWER BASKETS

ILLINOIS

CHICAGO

Borcze Flower Basket Co, 1841 Milwaukee av .....Armitage 3368

FLOWER BOXES, MNFRS.

ILLINOIS

CHICAGO

Chicago Curtain Stretcher Co, 3725 Wall..Yards 4349
Savo Manufacturing Co, 39 S LaSalle....Central 2410

FLOWER & PLANT GROWERS, PALMS, ETC.

CONNECTICUT

CROMWELL

Cromwell Gardens, A N Pierson Inc..Middletown 224

FLOWERS—ARTIFICIAL FOR DECORATIVE PURPOSES

NEW YORK

NEW YORK CITY

Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition, 1915), 949 Bway, 175, 5th av .....Gramrcy 2713

FLOWERS (CUT) & DESIGNS

NEW JERSEY

TRENTON

Ribsam Martin C (Telegraph Delivery any part U S), Broad and Front.....Trenton 111

FLUE BLOWERS—FOR FIRE AND WATER TUBE BLOWERS

PENNSYLVANIA

CHAMBERSBURG

Hafer Foundry & Machine Wks, 707 Fair Ground av.....Bell-Chambersburg 307-Y Independent 438-Y

FLUE CLEANER MFRS.

NEW JERSEY

TRENTON

National Flue Cleaner Co Inc (Patented Stationary System for cleaning High Pressure Boilers) 407-09 S Broad.....Trenton 2876

FLUE STOPPERS

ILLINOIS

ROCKFORD

Andrews Wire & Iron Co, 1802 Preston.....Main 347

FLUSHING VALVES

ILLINOIS

CHICAGO

Universal Pure Air Pump Co, 1607-1611 Prairie av.....Calumet 1545

FLY BARS, BED PLATES & KNIVES FOR PAPER MILLS, MNFRS.

OHIO

DAYTON

Simonds A A & Son Co The, Summit and Negley Place.....Bell-Fairview 264 Ohio State 2912

FLY PAPER—FLY RIBBON AND TREE

MICHIGAN

GRAND RAPIDS

Thum O & W Co The (Tanglefoot).....Bell-Main 3254 Citizens 4276

FLY SCREENS

OHIO

CINCINNATI

Baker W J Co, 1029 Saratoga Newport Ky..South 482

FLY WHEELS

ILLINOIS

CHICAGO

Jones W A Foundry & Machine Co, 4403 W 12th.....Lawndale 5040
Scott Foundry Co, 328 N Sangamon.....Monroe 296

FOLDERS AND GUIDES FOR FILING CABINETS

PENNSYLVANIA

PHILADELPHIA

Out Direct Filing Co, 825 Chestnut.....Bell-Walnut 7460 Keystone-Race 2521
See our Catalog Space, page 954

FOLDING BOXES

ILLINOIS

CHICAGO

Chicago Label & Box Co The, 312 N May.Monroe 5094

NEW JERSEY

CAMDEN

Penn Paper Products Co, 3d and Atlantic av.....Bell-Camden 2964 Keystone-Camden 436

FOLDING BOXES, CARDBOARD

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

FOLDING BOXES, PAPER

ILLINOIS

CHICAGO

Imperial Box Co, 1403 W Congress..Haymarket 5900
Pinkerton Folding Box Co, 900 W Lake...Monroe 1769
Sefton Manufacturing Corporation, 1300 W 35th.....Yards 1403
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JOLIET

National Carton Co.....Joliet 449

MINNESOTA

ST PAUL

Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

MISSOURI

KANSAS CITY

National Paper Box Co, 20th and Tracy...Grand 530

NEW YORK

NEW YORK CITY

Acme Folding Box Co, 137-139 Wooster...Spring 6426
Blum A Folding Paper Box Co, 64 Washington av, Brooklyn.....Wmsburg 1772
Crescent Folding Box Co (Paper Boxes—Set up and Folding of every description. Clothiers, Cleaners, Milliners & Specialties) 179-183 Wooster.....Spring 3710
Grand Union Folding Box Co Inc (Mnfrs of Ice Cream, Candy and Charlotte Russe Boxes, Cups, Oysters, Fry and Folding Boxes of every description) 21-23 East 4th st.....Spring 904
International Folding Paper Box Co (Mnfrs of all kinds of folding paper boxes and paper butter dishes) 398-400 South 2nd Bklyn.....Stagg 1050-1051
Laplante & Dunklin Printing Co, 24-26 S William.....Broad 5444
Myers J & P B Inc, 407 Broome.....Spring 3398
Universal Folding Box Co Inc, (Mnfrs of Folding Boxes and Cut-Outs of Every Description and Design. Our Capacity 1,000,000 Boxes Weekly, Prompt Delivery) Bush Terminal bldg No 19 Brooklyn.....Sunset 6354

WISCONSIN

MILWAUKEE

Schulz A Geo Co, 417-431 Clybourn.....Grand 3350

FOLDING BOXES, PAPER & CARTONS & BOX ENVELOPES

NEW YORK

NEW YORK CITY

Tension Envelope Co The, 33, 34th Bush Terminal Bklyn.....Sunset 6000
See our Catalog Space, page 949

FOLDING BOXES & PAPER PAILS

OHIO

DAYTON

Kinnard Manufacturing Co The, Clinton and Bacon.....East 1011

FOLDING GATES (PITT-BOSTWICK & LAZY TONG PATTERNS)

NEW YORK

NEW YORK CITY

Pitt William B Composite Iron Works 219 W 26th.....Chelsea 3100

FOLDING MACHINES FOR CLOTH-AUTOMATIC

NEW YORK

BUFFALO

Great Eastern Laundry Machinery Co (Automatically folds any size cloth into halves, thirds, quarters, regardless of thickness), 148-150 N Division.....Seneca 2938-W

FOOD PREPARATIONS

NEW YORK

LITTLE FALLS

Hansen's Chr Laboratory Inc, (Junket Tablets, Nesnah, Colors and Flavors) Little Falls 217

FOOD PRODUCT CONTAINERS, GREASE & MOISTURE PROOFED

NEW JERSEY

NEWARK

Mono-Service Company, Verona av and Oraton st.....Branch Brook 4300
See our Catalog Space, page 935

FOOT POWDERS

NEW YORK

NEW YORK CITY

Fougera E & Co Inc (Fastep Foot Powder) 90 Beekman.....Beekman 1170

FOOT WEAR—WOMEN'S

NEW YORK

NEW YORK CITY

Degen-Lipp-Tull Inc, 133 Floyd, Bklyn.....Williamsburgh 2751

FORCED DRAFT

NEW YORK

NEW YORK CITY

Wing L J Mfg Co, 352-362 West 13th....Chelsea 7465

FOREIGN EXCHANGE

MISSOURI

ST LOUIS

National Bank of Commerce in St Louis The, Broadway and Olive.....Main 5512

FOREIGN FREIGHT FORWARDERS

ILLINOIS

CHICAGO

Gallagher & Ascher, 112 W Adams.....Randolph 1466

MASSACHUSETTS

BOSTON

Andrews D C & Co Inc, 134 State.....Main 7148

FOREIGN FREIGHT FORWARDERS—CONTINUED

NEW YORK

NEW YORK CITY

Andrews D C & Co Inc, 27 Water.....Broad 1080
Stone-Gross Co Inc, 11 Broadway.Bowling Green 8894

PENNSYLVANIA

PHILADELPHIA

Andrews D C & Co, Inc, Drexel bldg ....Lombard 1370

FOREIGN HIDES & SKINS

MASSACHUSETTS

BOSTON

Montgomery W L & Co, 10 High.....Main 971

FORGE WORKS

ILLINOIS

CHICAGO

Chicago Iron & Steel Co, 733 Fulton.....Monroe 3612

MICHIGAN

DETROIT

United Forge & Machine Co, 527-533 Franklin .....East 3033

WISCONSIN

MILWAUKEE

Obenberger John Forge Co, Burnham and 53d av West Allis .....West Allis 514
See our Catalog Space, page 956

FORGED SET SCREWS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av.....Albany 4010

FORGES—PORTABLE BLACKSMITH HAND AND POWER

ILLINOIS

CHICAGO HEIGHTS

Canedy Otto Mfg Co.....Chicago Hghts 36

FORGING PRESSES

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market.Danville 21

FORGING, ROLLING & BENDING MACHINERY

OHIO

HAMILTON

Long & Allstatter Co The, 4th and High.Hamilton 126

FORGINGS

ALABAMA

BIRMINGHAM

American Forgings Co (Turnbuckles, Knuckle Pins, Special Forgings), 27th av and 24th...Main 7214

ILLINOIS

CHICAGO

Atlas Forgings Co, 2515 S Artesian av....Canal 982
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av .....Hyde Park 6509
Finkl A & Sons Co, 1326 Cortland.....Diversey 2600
Fruin Drop Forge Co, Root st & Stewart av..Yards 2900
Standard Spiral Pipe Works, 4800 S Maplewood av.....Drover 8316
Sundberg Company, Kinzie and Carpenter Monroe 573
Williams, White & Company, Monadnock blk .....Harrison 390

MOLINE

Williams, White & Company, 8th st and Third av .....Moline 3000

MICHIGAN

DETROIT

Obenberger John Forge Co, (Niedermiller & Ewald) 965 Woodward av.....Grand 4146
See our Catalog Space, page 956
Williams, White & Company, Dime Bank bldg .....Cherry 1181

NEW YORK

BUFFALO

Vulcan Steam Forging Co, 237 Rano.....North 916

NEW YORK CITY

Obenberger John Forge Co, (Everett Ward) 1777 Broadway .....Columbus 1914
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Williams, White & Company, 30 Church..Cortland 1644

OHIO

CLEVELAND

Cleveland Knife & Forge Co The, 1960 W 114th .....Edgewater 1460

COLUMBUS

Columbus Forge & Iron Co The, Foot of W 1st av.....Bell-North 204 Ohio State 2848

PENNSYLVANIA

PHILADELPHIA

Schuylkill Forge Company, Luzerne and 3d..Tioga 2421

PITTSBURGH

Williams, White & Company, House bldg...Court 3257

WISCONSIN

MILWAUKEE

Obenberger John Forge Co, Burnham and 53d av West Allis.....West Allis 514
See our Catalog Space, page 956

FORGINGS, ALL DESCRIPTIONS

NEW YORK

NEW YORK CITY

Hammond Steel Co Inc (P J Ryan, Rep) 30 Church .....Cortland 1809

FORGINGS, ALL KINDS, PLAIN OR MACHINED

NEW YORK

NEW YORK CITY

Pennell, J F, 45 Broadway .....Rector 2729

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway & C & P R R.....Bell-Alliance 500 Ohio State 2214

FORGINGS, ALL KINDS & SIZES

PENNSYLVANIA

NORTHUMBERLAND

Keystone Forging Co The, Northumberland .....Northumberland 706

FORGINGS—COMMERCIAL

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1, 13th.....Franklin 495-J

FORGINGS, DROP

ILLINOIS

CHICAGO

Whitman & Barnes Mfg Co The, 1000 West 120th .....Pullman 215

NEW YORK

AUBURN

Clapp E D Mfg Co, The (Automobile, Carriage, Aeroplane and Special Forgings), 305 Genesee .....Auburn 187

FORGINGS—IRON AND STEEL

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Broadway .....Cortland 8110

FORGINGS, MACHINE AND BLACKSMITH'S

OHIO

CINCINNATI

Schweitzer Bros, 525-27 East Pearl.....Canal 996

FORGINGS, PLAIN OR MACHINED

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

FORGINGS—SMALL

OHIO

WARREN

Warren Tool & Forge Co The, P O Box 410 .....Warren 1162

FORGINGS AND SPECIAL WORKS

NEW YORK

NEW YORK CITY

Mulstein John Co, 211-17, 3d av, Bklyn....South 5199

OHIO

COLUMBUS

Columbus Anvil & Forging Co The, 117 W Frankfort .....Bell-Main 722 Ohio State 5411

FORGINGS, WELDING & CASE HARDENING

ILLINOIS

CHICAGO

Larson Charles E, 111 N Desplaines.....Monroe 393

FORM LETTERS

ILLINOIS

CHICAGO

Buckley, Dement & Co, 632 Sherman...Harrison 850
Ideal Letter Service, 530 S Dearborn....Harrison 6535
Kuhl & Bent Co, 782 Sherman.....Wabash 2375
Von Weller-Lyon Company The, 180 N Market .....Franklin 324

OHIO

CINCINNATI

Circle R J Letter Co, 540 Main.....Canal 1154
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FORM & MULTIGRAPH LETTERS "ALL KINDS OF COPYING"

MISSOURI

KANSAS CITY

Strahm Grace V Letter Co, Grafic Arts bldg 10th and Winedol.....Bell-Main 4748 Home-Main 4748

FORMED PRODUCTS—GALVANIZED & PAINTED

OHIO

WARREN

Trumbull Steel Co The, South Pine.....Warren 1927

FORMING MACHINERY

OHIO

HAMILTON

Long & Allstatter Co The, 4th and High .....Hamilton 126

FORMS (SPECIAL WIRE)

OHIO

CLEVELAND

Cuyahoga Spring Co The, 16606 Waterloo rd.Eddy 5860

FORMS, STEEL, ROAD, PAVEMENT, SIDEWALK & CONCRETE

OHIO

WARREN

eltzel Steel Form & Iron Co The, Thomas rd .....Warren 2247

FORWARDING AGENTS

CALIFORNIA

LOS ANGELES

ilifornia Truck Co (Distribution Consignments Handled, Carloads or less); 822-24 E 3d.....Manual-Broadway 220 Home-A 10078

SAN FRANCISCO

erseas Shipping Company, Merchants Exchange bldg .....Sutter 4459

ILLINOIS

CHICAGO

ntral Furniture Packing Co The, First Nat Bank bldg .....Central 5964
llagher & Ascher, 112 W Adams.....Randolph 1466
erseas Shipping Company, 327 S Lasalle.Harrison 6896
eldon G W & Co, 220 S State.....Harrison 2285
ans-Continental Freight Co, 203 S Dearborn .....Harrison 3467

LOUISIANA

NEW ORLEANS

trich & Wiltz Inc, 400 N Peters.....Main 3879

MISSOURI

ST LOUIS

Gunn Transfer Co Inc, 17th & Walnut.....Olive 81

NEW YORK

NEW YORK CITY

Baker-Miller Shipping Co, 24 State.....Broad 5985
Barton Edward J Lighterage Co, 59 Pearl.Broad 4613
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Harrison M & Co Inc, 77 Broad.....Broad 822
Holtzoff L S & Co, 55 Broadway.....Rector 4664
Sheldon G W & Co, 8 and 10 Bridge.....Broad 2420
Trans-Continental Freight Co, Woolworth bldg .....Barclay 3940
White R D & Co, 17 Battery pl.....Rector 9451

TEXAS

GALVESTON

Hawley & Letzerich, 21st and Avenue C .....Galveston 3165 Galveston 296

WASHINGTON

SEATTLE

Overseas Shipping Co, L C Smith bldg....Elliott 1343

FORWARDING AGENTS & FREIGHT BROKERS

LOUISIANA

NEW ORLEANS

Hegewisch A E, Whitney Central bldg.....Main 5262

OHIO

CLEVELAND

Evans John L & Co, Engineers bldg.....Main 3215

FORWARDING AGENTS FREIGHT & CUSTOM BROKERS

LOUISIANA

NEW ORLEANS

Duhn S J Shipping Co Inc The, Hennen bldg..Main 3265

PENNSYLVANIA

PHILADELPHIA

Koons, Wilson & Co, Drexel bldg .....Bell-Lombard 402 Keystone-Main 3165

FORWARDING TO ALL PARTS OF THE WORLD

NEW YORK

NEW YORK CITY

Barton Edward J Lighterage Co, 59 Pearl.Broad 4613
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FORWARDING AND TRANSFERING—DOMESTIC

ILLINOIS

CHICAGO

Pennoyer Merchants Transfer Co, 742-752 W Polk .....Monroe 6792
Stockton Jos Transfer Co, Rookery bldg.Wabash 3238

FOUNDATION BORINGS

NEW YORK

NEW YORK CITY

Phillips & Worthington, 90 West.....Rector 3017

FOUNDATIONS

ILLINOIS

CHICAGO

Glaver Joachim G, 80 E Jackson bl.....Wabash 8727

FOUNDRIES

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose .....Anniston 58
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BESSEMER

Central Foundry Company The, 739, 22nd.Bessemer 44
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HOLT

Central Foundry Company The.....Tuscaloosa 932
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CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg.Kearney 1954
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GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The, 822 S Michigan av .....Harrison 2181
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Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Milles C H Foundry Co, 2443-47 W 21st pl.Canal 5080

INDIANA

HAMMOND

Hammond Malleable Iron Co.....Hammond 3220

INDIANAPOLIS

Chandler & Taylor Company, Addison and Big Four R R.....Bell-Belmont 320 Automatic 39-316

VINCENNES

Central Foundry Company The, 1719 N 2d..Main 566
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KANSAS

CHERRYVALE

Cherryvale Iron Works The, ...Cherryvale 175

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk....Wolfe 73
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MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings .....Roxbury 1310
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MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg .....Main 4653
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NEW JERSEY

NEWARK

Central Foundry Company The, Ft of Lockwood .....Market 6510
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NEW YORK

MEDINA

Central Foundry Company The, Glenwood av .....Medina 277-W
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NEW YORK CITY

Central Foundry Company The, 90 West...Rector 1860
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FOUNDRIES—CONTINUED

OHIO

BATAVIA

Batavia Foundry Co The, Davis Pike.....Batavia

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

PENNSYLVANIA

ERIE

Cascade Foundry Co, 19th and Plum.....Bell-Erie 1371-J Mutual 204

LANSDALE

Central Foundry Company The.....Lansdale 56
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TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg.....Main 4431
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FOUNDRIES—ACID OPEN HEARTH STEEL

OHIO

CANTON

Canton Steel Foundry Co, Allen av S E and B & O R R.....Bell-Main 3530 Ohio State 3483

FOUNDRIES, BRASS

ILLINOIS

CHICAGO

Amalgamated Metals Co, 2554 Fillmore...Seeley 884

OHIO

ALLIANCE

Morgan Engineering Co The Broadway and C & P R R.....Bell-Alliance 500 Ohio State 2214

FOUNDRIES—BRASS, BRONZE & ALUMINUM

OHIO

BEDFORD

Holmes Wm G Bronze Co The, Stop 19 A B C Line Cleveland Subdivision....Bedford 49

FOUNDRIES—BRONZE, BRASS ALUMINUM BEARING METAL

NEW YORK

UTICA

Iroquois Foundries Inc, 474 Genesee.....Utica 5294

FOUNDRIES, CASTINGS ELECTRIC & CRUCIBLE ALLOYED STEEL

MINNESOTA

MINNEAPOLIS

Western Crucible Steel Casting Co, 2844 Pleasant av.....South 2279

FOUNDRIES—GRAY IRON

ILLINOIS

BELLEVILLE

St Clair Foundry, N Illinois st.....Belleville 143

STERLING

Sterling Foundry Co, Wallace.....Bell-Main 35-R Interstate 183

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

OHIO

KENTON

Wilmott G R Co The, North Market.....Bell 1630

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1 Thirteenth.....Franklin 495-J

FOUNDRIES—GRAY IRON CASTINGS

OHIO

HAMILTON

Peerless Foundry The, 1083 E High.....Hamilton 485
Superior Foundry & Machine Co, Mill Road.....Hamilton 362

FOUNDRIES, GRAY IRON CASTGS CAST IRON CLOSET CONNECTS

TENNESSEE

KNOXVILLE

Southern Pipe & Foundry Co, 700 Island Home Pike.....Knoxville 954

FOUNDRIES—GRAY IRON & SEMI STEEL

ILLINOIS

CHICAGO

Brady James A Foundry Co, 45th and Western bl.....McKinley 3080
Garden City Foundry Co, 3174 Archer av...Yards 66

INDIANA

INDIANAPOLIS

Indianapolis Castings Co The, 131 S Harding.....Belmont 856

IOWA

FORT MADISON

Continental Machine and Foundry Co.Fort Madison 31

MINNESOTA

ST PAUL

St Paul Foundry Co, Como av cor Mackubin.....Bell-Cedar 1425 Tri State 22878

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway and C & P R R.....Bell-Alliance 500 Ohio State 2214

DAYTON

Advance Foundry Co The, Harshman st.....East 2558

MANSFIELD

Kenney Foundry Co The, Newman and Erie R R.....Mansfield 87-2

WISCONSIN

MILWAUKEE

Jaeschke Bros Foundry Co, 3036 Locust.Kilbourn 191

FOUNDRIES, MACHINE SHOP AND PATTERN MAKERS

TEXAS

AUSTIN

Dixon Mfg Co, 407 W Second.....Austin 1858

FOUNDRIES & MACHINE SHOPS

MINNESOTA

BEMIDJI

Bemidji Iron Works Co Inc, 222 Park av.Bemidji 69

PENNSYLVANIA

DU BOIS

Du Bois Iron Works, N Brady.....Bell-Du Bois 5-R Summerville 198-B

SOUTH CAROLINA

GREENVILLE

Mountain City Foundry & Machine Wks, S Academy st.....Greenville 323

FOUNDRIES & MACHINE SHOPS—MNFRS. OF OAT CRUSHERS

MICHIGAN

YPSILANTI

McCullough W L & Co, 2-4 E Michigan av.....Ypsilanti 375-M

FOUNDRIES, SEMI STEEL

ILLINOIS

CHICAGO

Francis & Nygren Foundry Co, The, 2514-46 Fillmore.....Seeley 3824

FOUNDRIES—STEEL

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway and C & P R R.....Bell-Alliance 500 Ohio State 2214

OREGON

PORTLAND

Electric Steel Foundry, 24th and York sts.....Bell-Marshall 325 Automatic 1426

FOUNDRY CHAPLETS

PENNSYLVANIA

PHILADELPHIA

Philadelphia Chaplet & Mfg Co The, School Lane and Ridge av.....Bell-Manyunk 1160 Keystone-North 124

FOUNDRY ENGINEERS

ILLINOIS

CHICAGO

Chase Frank D, 122 S Michigan av.....Harrison 7192
Walter Company The, 38 S Dearborn....Randolph 937

MICHIGAN

DETROIT

Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758

FOUNDRY EQUIPMENT

ILLINOIS

CHICAGO

Dyar Hugh W, 140 S Dearborn.....Central 3066
Scully-Jones & Co, 80 E Jackson bl....Harrison 1128
Whiting Foundry Equipment Co, Harvey Ill P O.....Pullman 330 Harvey 2

LOUISIANA

NEW ORLEANS

McArdle P H, 429 Carondelet.....Main 4693

PENNSYLVANIA

YORK

Buch Foundry Equipment Co, 318 N George st ..... York 368-R
See our Catalog Space, page 981

WISCONSIN

MILWAUKEE

Sterling Wheelbarrow Co, West Allis....W. Allis 380
See our Catalog Space, page 956

FOUNDRY FACINGS & SUPPLIES

ILLINOIS

CHICAGO

Obermayer S Co The, 2563 W 18th.....Lawndale 2414

NEW YORK

BUFFALO

Columbian Facing Mills Co, 93 Stone....Howard 2091

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

OHIO

CINCINNATI

Obermayer S Co The, 647 Evans.....West 1838

PENNSYLVANIA

PITTSBURGH

Obermayer S Co The, 2835 Smallman av....Grant 6547

FOUNDRY FACINGS SUPPLIES & EQUIPMENTS

MARYLAND

BALTIMORE

Paxson J W Co (W T Beatty) 217 N Luzerne av .....Wolfe 3367

MICHIGAN

DETROIT

Detroit Clay Products & Sand Co 816 Kresge .....Cadillac 5381

NEW YORK

NEW YORK CITY

Whitehead Brothers Co (Sales offices in Buffalo & Providence) 537 W 27th....Chelsea 8130

OHIO

CINCINNATI

Buckeye Products Co The, 919-929 W 5th..West 442
Hill & Griffith Co, The, 1262 State av .....West 3227

PENNSYLVANIA

PHILADELPHIA

Paxson J W Co, 1021 N Delaware av Pier 45 North.....Bell-Market 4111 Keystone-East 200

RHODE ISLAND

PROVIDENCE

Paxson J W Co (W Scott Thomas) Grosvenor bldg .....Union 6641

FOUNDRY FLASKS

ILLINOIS

CHICAGO

Sterling Wheelbarrow Company, 30 S Jefferson .....Monroe 671
Factory, Milwaukee Wis
See our Catalog Space, page 956

INDIANA

RICHMOND

Diamond Clamp & Flask Co, 538 N 14th .....Independent 3469

PENNSYLVANIA

YORK

Buch Foundry Equipment Co, 318 N George st .....York 368-R
See our Catalog Space, page 981

WISCONSIN

MILWAUKEE

Sterling Wheelbarrow Company, WestAllis.W.Allis 380
See our Catalog Space, page 956

FOUNDRY FLUX

MICHIGAN

PETOSKEY

Petoskey Crushed Stone Co (Furnace Flux, Crushed Stone) 456 E Lake.....Petoskey 54

FOUNDRY SUPPLIES

CALIFORNIA

SAN FRANCISCO

Woods, Huddart & Gunn, 444 Market.....Sutter 2720

MICHIGAN

DETROIT

Stevens Frederic B, cor Larned and 3d sts..Main 2470

NEW YORK

NEW YORK CITY

Gerdes & Company Inc (Chaplets—Oil Burners, etc) 28 Church.....Cortland 7673

OHIO

CINCINNATI

Hill-Brunner Foundry Supply Co The, 2107 South .....West 182

FOUNDRY WORK

TENNESSEE

JACKSON

Southern Engine & Boiler Works, N Royal.Jackson 1083

FOUNTAIN PEN HOLDERS

NEW YORK

NEW YORK CITY

Dods H B The Wizard, 187 Lafayette.....Spring 3760

FOUNTAIN PEN MANUFACTURERS

ILLINOIS

CHICAGO

Barrett C E & Co, 538 S Clark.....Wabash 3520

NEW YORK

NEW YORK CITY

Byers & Hayes Co 68 Barclay.....Cortland 7237

FOUNTAIN PEN MANUFACTURERS, WHOLESALE & RETAIL

MISSOURI

ST LOUIS

Lipic Jos Pen Co, 316 N 6th.....Olive 5360

FOUNTAINS (DISPLAY AND DRINKING)

NEW YORK

NEW YORK CITY

Fiske J W Iron Works, 78-80 Park place.Barclay 6730

FOUNTAINS—DRINKING, SANITARY

OHIO

WARREN

Taylor Halsey W Co, Dana av.....Warren 2261

FOUNTAINS, PORTABLE ELECTRIC

ILLINOIS

CHICAGO

Randall A L Company, 180 N Wabash av..Central 7720

FRAMES (PICTURE-MOULDINGS)

NEW YORK

NEW YORK CITY

U S Frame & Picture Co. 24 Barclay....Cortland 1515

FREIGHT CONTRACTORS

CALIFORNIA

SAN FRANCISCO

Anglo-Oriental Shipping Co Inc, 16 California. .....Sutter 7156
Overseas Shipping Company, Merchants Exchange bldg .....Sutter 4459

ILLINOIS

CHICAGO

Anglo-Oriental Shipping Co Inc, 209 S Lasalle .....Harrison 7449
Overseas Shipping Company, 327 S Lasalle.Harrison 6896

LOUISIANA

NEW ORLEANS

Anglo-Oriental Shipping Co Inc, Whitney-Central bldg .....Main 829

NEW YORK

NEW YORK CITY

Anglo-Oriental Shipping Co Inc, 115 Broadway .....Rector 3769
Baker-Miller Shipping Co, 24 State.....Broad 5985
White R D & Co, 17 Battery pl.....Rector 9451

WASHINGTON

SEATTLE

Anglo-Oriental Shipping Co Inc, Arctic bldg.Elliott 507
Overseas Shipping Company, L C Smith bldg .....Elliott 1343

FREIGHT ELEVATORS

ILLINOIS

CHICAGO

Prince Elevator Co, 231-233 W Grand av.Superior 1095

FREIGHT—FOREIGN CONTRS. & FORWARDERS, CUSTOM BRKRS.

ENGLAND

EASTCHEAP, LONDON

Faunce John H, 33 St Marys-at-Hill.....Avenue 1797

LOUISIANA

NEW ORLEANS

Duhn S J Shipping Co Inc The, Hennen bldg .....Main 3265

NEW YORK

NEW YORK CITY

Faunce John H, Bridge and Whitehall.....Broad 994

PENNSYLVANIA

PHILADELPHIA

Faunce John H, Drexel bldg .....Bell-Lombard LD 243 Keystone-Main 4620

FREIGHT FORWARDERS

NEW YORK

NEW YORK CITY

Barton Edward J Lighterage Co, 59 Pearl .....Broad 4613

See our Catalog Space, page 967

FREIGHT FORWARDERS, FOREIGN AND DOMESTIC

ILLINOIS

CHICAGO

Trans-Continental Freight Co, 203 S Dearborn .....Harrison 3467

NEW YORK

NEW YORK CITY

Trans-Continental Freight Co, Woolworth bldg .....Barclay 3940

FRICTION CLUTCH COUPLINGS

ILLINOIS

CHICAGO

Schultz A L & Son, 1677 Elston av.....Monroe 1629

FRICTION CLUTCH PULLEYS

ILLINOIS

CHICAGO

Schultz A L & Son, 1677 Elston av.....Monroe 1629

OHIO

DAYTON

Edgemont Machine Co The, National and Neibert .....Main 3797

FRICTION CLUTCH PULLEYS AND COUPLINGS

ILLINOIS

CHICAGO

Chicago Pulley & Shafting Co, 40 S Clinton.Main 1876

FRICTION CLUTCHES

ILLINOIS

CHICAGO

Moore-Master Mfg Co, 320 W Grand av.Superior 6594
Schultz A L & Son, 1677 Elston av.....Monroe 1629

OHIO

CINCINNATI

Standard Pulley Co The, Power and C H & D RR .....Park 318

DAYTON

Edgemont Machine Co The, National and Neibert .....Main 3797

PENNSYLVANIA

PHILADELPHIA

Diamond Textile Mach Wks, 1820 N 10th.Diamond 30

FRINGES

NEW YORK

NEW YORK CITY

Manheim A & Co, 19 W 18th.....Chelsea 3971

FROGS, SWITCHES—RAILS, ETC. NEW AND 2ND HAND

PENNSYLVANIA

PITTSBURGH

American Railway Equipment Co, Diamond Bank bldg .....Court 2637

FRUIT NECTAR

MINNESOTA

MINNEAPOLIS

Zieve Nectar Co The, 105 N 6th .....Bell-Nicollet 1340 Tri State 31578

FRUIT AND VEGETABLE PACKAGE MNFRS.

GEORGIA

BRUNSWICK

Georgia Veneer & Package Company...Brunswick 88

FRUIT AND VEGETABLE PACKAGES, PAPER WRAPPERS

FLORIDA

JACKSONVILLE

Bean E & Son Company, Riverside Viaduct .....Jacksonville 74

FRUIT AND VEGETABLE WRAPPERS—PRINTED AND PLAIN

GEORGIA

ATLANTA

United Paper Co, Third Natl Bk bldg.....Ivy 4052

FRUITS AND PRODUCE (RECEIVERS & DISTRIBUTORS)

KANSAS

CHANUTE

Chanute Wholesale Grocer Co The, 23 W Main .....Bell 635

FUMIGATING

NEW YORK

NEW YORK CITY

Hopper J M (Willis E Stafford & Son) 120-122 Livingston, Bklyn.....Main 180

FUMIGATING & DISINFECTING

NEW YORK

NEW YORK CITY

Ortner Charles, 310 W 125th.....Morningside 6904

FUNERAL CARS, SEDAN BODIES FOR FUNERAL DIRECTORS

INDIANA

KNIGHTSTOWN

Knightstown Buggy Co The, S Jefferson .....Knightstown 149

FUNERAL DIRECTORS

NEW YORK

NEW YORK CITY

Hopper J M (Willis E Stafford & Son) 120-122 Livingston, Bklyn.....Main 180

FUR DEALERS

ILLINOIS

CHICAGO

Klauber S I & Co, 32 S Wabash av.....Randolph 1745

NEW YORK

NEW YORK CITY

Steiner Jos & Bros, 115 W 30th.....Farragut 4565
Wulfsohn M & Co, 109 West 27th.....Farragut 2651

FUR DEALERS AND FURRIERS

NEW YORK

NEW YORK CITY

Mischo H J & Co Inc (Manufacturers of Exclusive Furs, Est 1867) 29-35 W 32d.....Mad Sq 1893
Reich R & Son, 1237-1239 Broadway.....Mad Sq 2159
Tepper J O, 12 W 36th.....Greeley 5823

FUR DRESSERS AND DYERS

NEW YORK

NEW YORK CITY

Goldstein Charles, 307-311ClevelandBklyn.Cypress 1447
Great Northern Fur D & D Co (Artistic Fur Dyers, by the Fadeless Process, Colors. Hudson Seal, Near Seal, Sealin, on Muskrat, Rabbitt, Neutria) 328-330 E 26th.....Mad Sq 2245

FUR MANUFACTURERS

IOWA

MARSHALLTOWN

Willard H Son & Co, 36 W Main.....Marshalltown 40

FUR SHEEP LINED COATS, LEATHER VESTS & MACKINAWS

MINNESOTA

ST PAUL

Harris H Co The, 174 E 4th .....Bell-Cedar 4333 Tri State 22694

FUR SKIN DRESSERS & DYERS

ILLINOIS

CHICAGO

Wertheimer & Co, 2300-8 Diversey bl...Humboldt 7876

FUR SUPPLIES IN CHAINS & CROCHET NOVELTIES

NEW YORK

NEW YORK CITY

Caporizzo A, 361 Flushing av, Bklyn.Williamsburg 3445

FUR, WOOL, HIDES

MISSOURI

ST LOUIS

Parker & Block, 4 and 6 S Main Bell-Olive 1617
..... Kinloch-Central 4405
See our Catalog Space, page 958
Summerfield Simon & Co, 312-314 N Main..Main 767

FURRIERS

ILLINOIS

CHICAGO

Elliott Fur Co, 32 S Wabash av.....Randolph 4499
May Otto R, Masonic Temple, State and Randolph .....Central 6049
Perlson I, 36 S State.....Central 3038

FURRIERS, MANUFACTURING

NEW YORK

NEW YORK CITY

Schwartz Brothers, 141-145 W 36th.....Greeley 4092

FURRIERS SUPPLIES AND MUFF BED MNFRS.

NEW YORK

NEW YORK CITY

Goldwasser J (Muff Beddings of Every Description a Specialty) 153-159 W 27th..Farragut 9070

FURNACE BRICK, MILL BRICK

WEST VIRGINIA

WHEELING

Mack Manufacturing Co, German Bank bldg .....Wheeling 888

FURNACE AND STOVE MANUFACTURERS

INDIANA

INDIANAPOLIS

Home Stove Co, Kentucky av and Henry ..... Bell-Main 1273
.....Automatic 26273

FURNACES

ILLINOIS

CHICAGO

Chicago Down Draft Furnace Co (Hawley Down Draft), 115-117 S Clinton....Franklin 4450

NEW YORK

NEW YORK CITY

Hermansen A, Woolworth bldg.....Barclay 7666

OHIO

CLEVELAND

Forest City Foundry & Mfg Co, 2202 Bell-Main 72
Elm .....Ohio State-Central 5349-W

PENNSYLVANIA

PITTSBURGH

Hagan George J Co, 307, 11th av Peoples Bank bldg .....Court 3057
See our Catalog Space, page 956

WISCONSIN

MILWAUKEE

Fuller-Warren Co The, 32d and Wright. Kilbourn 4515

FURNACES—ANNEALING, FORGING, & HEAT-TREATING

ILLINOIS

CHICAGO

Chicago Flexible Shaft Co, 5600 W 12th..Austin 1900
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

MASSACHUSETTS

BOSTON

American Incandescent Heat Co Inc, 10 Post Office Sq.....Main 6080

MICHIGAN

DETROIT

Bellevue Industrial Furnace Co, 703-711 Bellevue av .....Ridge 2727
See our Catalog Space, page 957
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758
General Combustion Co, Dime Bank bldg..Cherry 3676
Standard Fuel Appliance Co, 1646 Woodward av .....Market 4943

FURNACES (OIL & GAS) ANNEALING, FORGING, HEAT-TREATING

ILLINOIS

CHICAGO

American Shop Equipment Co, 332 S Michigan av .....Harrison 541

NEW YORK

NEW YORK CITY

American Shop Equipment Co, 30 Church.Cortland 640

FURNACES, COMBINATION HEATERS, HOT WATER & WARM AIR

ILLINOIS

CHICAGO

Piper L B & Co, 1258 Wrightwood av....Lincoln 4123

FURNACES—ELECTRIC, LABORATORY & INDUSTRIAL

ILLINOIS

CHICAGO

Hoskins Mfg Co, 10 S LaSalle.....Franklin 2074

MASSACHUSETTS

BOSTON

Hoskins Mfg Co, Tremont bldg.....Haymarket 1277

MICHIGAN

DETROIT

Hoskins Mfg Co, 469 Lawton av.....Walnut 2865

NEW YORK

NEW YORK CITY

Hoskins Mfg Co, Grand Central Terminal .....Murry Hill 5340

PENNSYLVANIA

PITTSBURGH

Hoskins Mfg Co, Oliver bldg.....Grant 3279

FURNACES—FOR LOW GRADE FUELS AND WASTES

ILLINOIS

CHICAGO

Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

FURNACES, FORCED DRAFT

PENNSYLVANIA

PITTSBURGH

Palmer Forced Draft Burner Co (For Steam Boilers, Retorts, Stills, etc) First National Bank bldg .....Court. 488

FURNACES, GAS

PENNSYLVANIA

PITTSBURGH

Walker & Wilcox, 5124 Penn av.....Highland 2825

FURNACES, HARDENING & TEMPERING

MICHIGAN

DETROIT

Standard Fuel Appliance Co, 1646 Woodward av .....Market 4943

FURNACES—HIGH TEMPERATURE DEVELOPMENT & CONSTN.

MISSOURI

ST LOUIS

Russell Engineering Co, Railway Exchange bldg .....Olive 3763

FURNACES INDUSTRIAL—GAS AND OIL

ILLINOIS

CHICAGO

Chicago Flexible Shaft Co, 5600 W 12th.Austin 1900

FURNACES—MELTING

ILLINOIS

CHICAGO

Schwartz Edward H, 140 S Dearborn....Majestic 8269

FURNACES—MELTING AND SMELTING

ILLINOIS

BELLEVILLE

U S Smelting Furnace Co, 1300 Grand av.Bellville 162

FURNACES—METALLURGICAL

ILLINOIS

CHICAGO

Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

FURNACES, OIL, FOR FORGING, HEAT TREATING, ETC.

ILLINOIS

CHICAGO

Railway Materials Co The, Railway Exchange bldg ..... Harrison 809

MICHIGAN

DETROIT

Railway Materials Co The, Dime Bank bldg ..... Cadillac 1651

NEW YORK

NEW YORK CITY

Railway Materials Co The, Singer bldg.. Cortland 6547

OHIO

CLEVELAND

Railway Materials Co The, Schofield bldg... Main 94

TOLEDO

Railway Materials Co The, 2d Natl Bank bldg. Main 3631

FURNACES, ONE REGISTER PIPELESS FURNACES

ILLINOIS

CHICAGO

Standard School Heater Co, 438 W Ontario ..... Superior 8428

FURNACES—OPEN HEARTH

ILLINOIS

CHICAGO

Hofmann Engineering Co, 557-559 W Quincy ..... Franklin 931
See our Catalog Space, page 957

FURNACES—ROLLING MILL

ILLINOIS

CHICAGO

Hofmann Engineering Co, 557-559 W Quincy ..... Franklin 931
See our Catalog Space, page 957

FURNACES, SMOKELESS FOR STEAM BOILERS

ILLINOIS

CHICAGO

McMillan James & Co, 114 Clarkson ct... Garfield 8722

FURNACES, TINNERS AND PLUMBERS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av ..... Kedzie 2266

FURNACES—TORCHES, STOVES (KEROSINE OIL PRESSURE)

NEW YORK

NEW YORK CITY

General Maintenance Co, 70 Murray..... Barclay 6490

FURNACES, WARM AIR

ILLINOIS

CHICAGO

Smith V A Company, 236 W Lake..... Main 2971

MICHIGAN

BAY CITY

Cooley Castings Co..... Bay City 684-R

NEW YORK

CORNING

Hood Furnace and Supply Co, 281 E Third. Corning 33-J

FURNACES, WARM AIR AND COMBINATION HEATING

MICHIGAN

HOLLAND

Holland Furnace Co, Manufacturers and World's Largest Installers..... Bell-Holland 55, Citizens 1620

FURNACES, WARM AIR MNFRS.

INDIANA

HUNTINGTON

Majestic Co The, ... Huntington 936

OHIO

AKRON

May-Fieberger Co The, 14-18 North Howard ..... Bell-Main 114, Ohio State 4114

FURNACES, WARM AIR FOR HOMES

MICHIGAN

HOLLAND

Home Furnace Co ..... Holland 1937

FURNISHING GOODS, MEN'S WHOLESALE

OHIO

CINCINNATI

Straus Isaac S Co The, 20-22-24 W Pearl.. Main 1925

FURNITURE

ILLINOIS

CHICAGO

Richardson O W & Co, Wabash av and Congress ..... Harrison 6931

MASSACHUSETTS

BOSTON

Irving & Casson-A H Davenport Co, 575 Boylston ..... Back Bay 8020

NEW YORK

NEW YORK CITY

Emery-Christopher Co, 149 Broadway.. Cortland 1942
Grand Rapids Furniture Co Inc, 34 West 32d ..... Madison Square 3491
See our Catalog Space, page 957
Irving & Casson-A H Davenport Co, 601, 5th av ..... Murry Hill 7230

FURNITURE (BARBERS)

MISSOURI

ST LOUIS

Koken Barbers' Supply Co, 2528 Texas av Sidney 4310

FURNITURE (BEDROOM)

PENNSYLVANIA

WARREN

Nypenn Furniture Co, Onondaga av..... Warren 1072-R

FURNITURE (CAMP)

WISCONSIN

WAUKESHA

Kenyon R L Co The, Albert & East St Paul av ..... Waukesha 226

FURNITURE (FIBRE)

MICHIGAN

BAY CITY

Kelton-Aurand Mfg Co, Norton..... Bay City 2332

WISCONSIN

WAUKESHA

Kenyon R L Co The, Albert & East St Paul av ..... Waukesha 226

FURNITURE (FRAME MANUFACTURERS)

MINNESOTA

MINNEAPOLIS

Dahlin Bros & Davis Mfg Co, 515, 1st av N E..... Tri State 41357

FURNITURE (HAIRDRESSERS)

MISSOURI

ST LOUIS

Koken Barbers' Supply Co, 2528 Texas av.. Sidney 4310

FURNITURE (MNFRS.)

ILLINOIS

CHICAGO

Toms-Price Co The, 521 S Wabash av... Harrison 1610

INDIANA

BRAZIL

Stout Furniture Co The, Morgans Crossing and P C C & St L Ry... Independent 81

EVANSVILLE

Globe-Bosse-World Furniture Co, 600 West Maryland ..... Evansville 575

INDIANAPOLIS

Lauter H Co The, West Washington and Harding ..... Bell-Belmont 1693, Automatic 39-163

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506 E 19th ..... Gramercy 3239
See our Catalog Space, page 1026

FURNITURE (MNFRS.)—BEDROOM

INDIANA

EVANSVILLE

Karges Furniture Co, 301-317 West Maryland ..... Evansville 304

FURNITURE (MNFRS. CANED & UPHOLSTERED FURNITURE)

ILLINOIS

CHICAGO

Chicago Mission Furniture Co (Also Library Tables, Desks, etc) 1919-1929 Clybourn av... Lincoln 94

FURNITURE (MFRS.—SPECIALTIES IN QUANTITIES)

ILLINOIS

CHICAGO

Churchill Cabinet Co, 2119 Churchill...Humboldt 1913

FURNITURE (MNFRS.—TABLES)

INDIANA

EVANSVILLE

Bockstege Furniture Co The, 301 West Franklin .....Evansville 732

FURNITURE (MANUFACTURERS—UPHOLSTERED)

NEW YORK

NEW YORK CITY

Greenstein Saml & Sons (Manufacturers of Library and Parlor Furniture) 470 Flushing av, Brooklyn .....Wmsburg 3315

FURNITURE (NEW AND SECOND HAND)

ILLINOIS

CHICAGO

Bryant C A, 711-713 E 63d.....Wentworth 3807

FURNITURE (OFFICE)

ILLINOIS

CHICAGO

Stevens Maloney & Co, 21 S Lasalle.....Central 3186

FURNITURE (REED & WILLOW)

ILLINOIS

CHICAGO

Sundall A L Co, 180 N Wabash av.....Central 7720

FURNITURE (REPRODUCTIONS & CARVINGS TO DESIGN)

ILLINOIS

CHICAGO

Florentine Special Furniture Co, 227-233 W Huron .....Superior 7062

FURNITURE (SCHOOL, CHURCH, LODGE AND OPERA)

ILLINOIS

CHICAGO

Stafford E H Mfg Co, 218 S Wabash av...Harrison 8196

FURNITURE (SECOND HAND)

ILLINOIS

CHICAGO

Stifield Express & Storage Co The, 5908-16-18 S State.....Wentworth 1138

FURNITURE (SPECIAL REPRODUCTIONS)

ILLINOIS

CHICAGO

Sierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

FURNITURE (STEEL, OFFICE)

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

FURNITURE (STEEL OFFICE CABINET SAFES, BINS, SHELVING)

OHIO

CANTON

Armor Clad Mfg Co The, 15th N E and W & L E R R.....Main 160

FURNITURE (STEEL SHELVING AND CABINETS)

NEW YORK

NEW YORK CITY

Columbia Metal Box Co, 224 E 144th Melrose 6241

FURNITURE (SUMMER, SWINGS JUVENILE SPCLTS. HDWD. LBR)

INDIANA

NORTH VERNON

North Vernon Lumber Co .....North Vernon 117-K

FURNITURE & FIXTURES

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry .....Main 793

ILLINOIS

CHICAGO

Newton & Hoit Company The (For Hotels, Banks, Offices and Public Buildings) 1018 S Wabash av .....Harrison 5685

FURNITURE MOVERS

NEW YORK

NEW YORK CITY

Anglo American Lift Van Co (Our Specialty; Moving Household Furniture and Works of Art in Lift Vans) 24 State.....Broad 7776
Dochterman Van & Express Co The (Established over 40 Years, Storage, Moving) 457-71 E 10th .....Orchard 4630

FURNITURE MOVERS, PACKERS & SHIPPERS

ILLINOIS

CHICAGO

Central Furniture Packing Co The, First Natl Bank bldg ..... Central 5964

OHIO

CINCINNATI

Cincinnati Moving Co, 1420 Clay.....Canal 426

FURNITURE MOVERS & STORAGE

ILLINOIS

CHICAGO

Drexel Storage & Transfer Co, 4837-9 Cot Grove av.....Kenwood 2428

FURNITURE PACKING STORAGE AND SHIPPING

ILLINOIS

CHICAGO

Livingston Warehouse & Van Co The, 812-814 N Wells .....Superior 711 Superior 1133

FUSES (ELECTRIC)

RHODE ISLAND

PROVIDENCE

D & W Fuse Co, Hathaway.....Board 512

FUSES, RENEWABLE CARTRIDGE TYPE

NEW YORK

NEW YORK CITY

Star Fuse Co Inc, 290 Church.....Franklin 1403

PENNSYLVANIA

ERIE

Economy Fuses-Star Electrical Co, Distributors, 14 West 11th .....Erie 3478

G F ALLSTEEL OFFICE FURNITURE

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

GAGE REPAIRING

PENNSYLVANIA

PITTSBURGH

Pennsylvania Gage & Repairing Co, Imperial Power bldg .....Court 2192

GAGE AND TOOL MAKERS

RHODE ISLAND

WOONSOCKET

Simplex Tool Co, Worral st .....Woonsocket 1235

GAGES

NEW JERSEY

CAMDEN

Wolff Wm F Co Inc, 1125-27-29 Haddon av .....Camden 454

GAGES—ALTITUDE

NEW YORK

NEW YORK CITY

Bergin, Edward J, 5 W 16th.....Chelsea 1049

GAGES, AMMONIA, HYDRAULIC, STEAM (ALL PRESSURES)

ILLINOIS

CHICAGO

Dwyer F W (Rep Bogardus Nelson Co) Monadnock blk .....Harrison 2547

IOWA

MARSHALLTOWN

Bogardus-Nelson Company, P O Box 413 ..... Marshalltown 1647

GAGES, AMMONIA, HYDRAULIC STEAM (ALL PRESSURES)—CONTINUED

NEW YORK

NEW YORK CITY

Bogardus-Nelson Company (Geo W Neff, Mgr), 50 Church ..... Cortland 4748

OHIO

CLEVELAND

Bronson-Overly Company (Rep Bogardus-Nelson Co), Century bldg ..... Main 1823

PENNSYLVANIA

PITTSBURGH

Riess Mechanical Supply Co (Rep Bogardus-Nelson Co), Ross and Water ..... Court 3150

GAGES—MNFRS.

ILLINOIS

CHICAGO

Krasberg Mfg Co 412-420 Orleans ..... Franklin 5964
See our Catalog Space, page 1017
Krebs Mfg Co, 341-349 E Ohio ..... Superior 8611

GAGES—MFRS. AND REPAIRING

PENNSYLVANIA

PITTSBURGH

Pennsylvania Gage & Repairing Co, Imperial Power bldg ..... Court 2192

GAGES—SCREW, THREAD AND CYLINDRICAL, MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation, ... Greenfield 900

GAGES—SNAPS, PLUG, LIMIT AND THREAD

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av ..... East 234

GAGES AND SPECIAL TOOLS

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co ..... Dunbar 1998

GAGES—STEAM & HYDRAULIC, ALL PRESSURES

NEW YORK

NEW YORK CITY

Bergin, Edward J, 5 W 16th ..... Chelsea 1049

GAGES, TIRE PRESSURE

ILLINOIS

CHICAGO

Twitchell Gauge Co The, (Twitchell) 1516 S Wabash ..... Calumet 5730

GAGES & VACUUM RECORDERS

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg ..... Rector 9638

GALVANIZED BARS

PENNSYLVANIA

PHILADELPHIA

Nicetown Plate Washer Co, Juniata and Clarissa ..... Wyoming 540

GALVANIZED RANGE BOILERS

NEW YORK

NEW YORK CITY

Trageser John Steam Copper Works, 447-457 W 26th ..... Chelsea 8140

GALVANIZED SHEET METAL PRODUCTS

KENTUCKY

NEWPORT

Globe Iron Roofing & Corrugating Co 9th and Lowell ..... South 3151

GALVANIZERS

ILLINOIS

CHICAGO

Meaker Galvanizing Co, Fulton and Elizabeth sts ..... Monroe 2049

NEW YORK

BUFFALO

Fries A G Plating Co, 198-200 Terrace. Seneca 3129-J

GALVANIZERS (DIPPING BY HOT PROCESS)

ILLINOIS

CHICAGO

National Galvanizing Co, 1918-26 Carroll av ..... West 1419

GALVANIZERS—ELECTRO GALVANIZING

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn ..... Greenpoint 2391

GALVANIZERS—HOT & ELECTRO PROCESS

ILLINOIS

ROCKFORD

Rockford Bolt Company The, 200 Mill ..... Main 147

OHIO

CLEVELAND

Cuyahoga Galvanizing Mfg Co The, 1280 E 59th ..... Rosedale 332

GALVANIZERS, HOT PROCESS

ILLINOIS

CHICAGO

McVoy Sheet & Tin Plate Co, 344-350 W Austin av ..... Main 4864
Standard Galvanizing Co 2619 W VanBuren. West 147

ROCKFORD

Rogers Bros, Tinker st ..... Main 1931

GALVANIZERS—HOT PROCESS—FOR THE TRADE

NEW YORK

NEW YORK CITY

Perkins Galvanizing Works, 1943 Pitkin av Bklyn ..... East New York 7538

GALVANIZING EQUIPMENTS MNFRS.

ILLINOIS

CHICAGO

Meaker Galvanizing Co, Fulton and Elizabeth sts ..... Monroe 2049

JOLIET

Meaker Guy L, 311 Vanburen ..... Joliet 468

GAME BOARDS CARROM & CROKINOLE

MICHIGAN

LUDINGTON

Carrom Co The, Ludington av ..... Ludington 166

GARAGE BUILDERS—METAL

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S Lasalle ..... Main 758

GARAGE GAS HEATER MFRS.

OHIO

CANTON

Kanneberg Roofing & Ceiling Co The Bell-Main 264
935 Robin Court S E ..... Ohio State 45

GARAGE GAS—HEATERS—APPROVED SAFETY

NEW YORK

NEW YORK CITY

Kidde & Co, 169 Chambers ..... Worth 7298

GARAGE HARDWARE

ILLINOIS

STERLING

National Mfg Co, 17 E 2d ..... Main 68

GARAGES

CONNECTICUT

STAMFORD

Ellwill Garage, Main ..... Stamford 2275

GARAGES, PORTABLE GALVANIZED STEEL OR STUCCO

PENNSYLVANIA

PHILADELPHIA

Moister M & Co, 3031 N 5th ..... Tioga 896

GARAGES, PORTABLE STEEL

MARYLAND

BALTIMORE

Pruden C D Co The, Warner and Dock.....South 596
See our Catalog Space, page 926

MASSACHUSETTS

BOSTON

Pruden C D Co The (H C Langille) 95 Hunt av .....Back Bay 3638
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Pruden C D Co The, (Leigh Pruden), 56 Pine .....John 2080
See our Catalog Space, page 926

PENNSYLVANIA

PHILADELPHIA

Pruden C D Co The (F H Whiteman) 140 N 6th .....Market 2464
See our Catalog Space, page 926

GARAGES, PORTABLE STEEL & WOOD

NEW YORK

NEW YORK CITY

oboken Garage Mfg Co (Durabilt Portable Steel and Wood Buildings of all Kinds. Garages, Storehouses, Etc) 1328 Broadway....Greeley 1576

GARAGES—PORTABLE WOOD

NEW YORK

NEW ROCHELLE

ilvey Made Portable Wood Garages, 112 Huguenot .....

GARAGES—PRIVATE & PUBLIC

INDIANA

EVANSVILLE

ernational Steel & Iron Co, Edgar and Cleveland av .....Evansville 477

GARBAGE AND ASH CANS

ILLINOIS

CHICAGO

ner Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

GARBAGE DESTRUCTORS AND INCINERATORS

NEW YORK

NEW YORK CITY

ge Incinerator Corporation, Flatiron bldg .....Gramrcy 623
se-Boulger Destructor Co, 39 Cortlandt .....Cortland 8185

GARBAGE REDUCTION MACHINERY

NEW YORK

BUFFALO

Machine Co, 53-59 Carroll.....Seneca 2174

GARDEN CULTIVATORS AND WEEBERS, HAND AND WHEEL

ILLINOIS

BUSHNELL

Norcross C S & Sons, Dean & Davis sts, Dept D .....Bushnell 43

GARDEN FURNITURE

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th.....Bryant 8430

GARDEN FURNITURE AND DECORATIONS

NEW YORK

NEW YORK CITY

Kraus J C Cast Stone Works Inc, 363 Lexington av .....Murray Hill 4926

GARMENT HANGERS

NEW YORK

BUFFALO

Canham Victor H & Co, 83 Forest av...North 3864-J

NEW YORK CITY

Heitler Kurt, 221, 4th av.....Stuyvsnt 7594
National Hanger & Fixture Mfg Co Inc, "Faultless" 496-498 E 134th.....Melrose 4555

GARMENT HANGERS, WOOD AND WIRE

NEW YORK

NEW YORK CITY

Nagely Garment Hanger Co, 234, 5th av..Mad Sq 4710

GARMENT PRESSING MACHINES

OHIO

CINCINNATI

Peerless Supply & Mfg Co, 717 Sycamore...Canal 725

GARNET PAPER, SAND PAPER AND EMERY CLOTH

CALIFORNIA

SAN FRANCISCO

United States Sand Paper Co (Wright & Lacy, Representatives), 244 California.Douglas 4497

LOUISIANA

NEW ORLEANS

United States Sand Paper Co (Mrs Leo Samson, Representative), Hennen bldg.....Main 2381

MASSACHUSETTS

BOSTON

United States Sand Paper Co (F E Russ, Representative), 201 Devonshire.....Fort Hill 6051

MICHIGAN

DETROIT

United States Sand Paper Co (A J Greene, Representative), 30-32 Woodbridge av..Cherry 2571-R

MISSOURI

KANSAS CITY

United States Sand Paper Co (Thompson, Munro & Robins, Representatives), 1202 Union av .....Main 253

ST LOUIS

United States Sand Paper Co (Thompson, Munro, & Robins, Representatives), Wright bldg.Olive 819

NEW YORK

NEW YORK CITY

United States Sand Paper Co (Crowell & Lehnhardt, Representatives), 86 Warren...Barclay 5680

PENNSYLVANIA

PHILADELPHIA

United States Sand Paper Co (Leonard R Winter, Representative), Widener bldg.....Walnut 3741

WILLIAMSPORT

United States Sand Paper Co, 1560 Erie av .....Williamsport 502

GAS BURNER MNFRS. (LAVA)

NEW YORK

NEW YORK CITY

Kirchberger M & Co Inc, 116 E 27th...Madison Sq 2132

GAS BURNERS

NEW YORK

NEW YORK CITY

Gas Tip & Self Lighter Co (Aluminum Tips for Lighting and Heaters) 1 Broadway .....Bowling Green 8125

GAS BURNERS, "ENCLOSED FLAME" FOR OVENS

CONNECTICUT

NEW HAVEN

Oven Equipment & Mfg Co The, 973 Dixwell av .....Liberty 1281

GAS AND ELECTRIC LIGHT FIXTURES.

COLORADO

DENVER

Sechrist, Albert Mfg Co The, 1717 Logan....Main 6512

NEW YORK

NEW YORK CITY

Dayley & Sons Inc, 105VanderveerBklyn.East N.Y. 500

GAS ENGINE HEATERS

PENNSYLVANIA

ERIE

Sims Co The, 19th and Whitley av Bell-Erie 2542
.....Mutual 2607

GAS ENGINES

PENNSYLVANIA

DU BOIS

Du Bois Iron Works, N Brady Bell-Du Bois 5-R
.....Summerville 198-B

GAS ENGINES (MNFRS.)

PENNSYLVANIA

BUTLER

Evans Manufacturing Co Ltd The, 403 S McKean .....Butler 85

GAS ENGINES—AIR COOLED

NEW YORK

OLEAN

Myrick Machine Co Inc, ... Olean 209

GAS ENGINES AND GASOLINE ENGINES REPAIRED

NEW YORK

NEW YORK CITY

Reliable Gas Engine Co, 238 E 111th .... Harlem 5499

GAS ENGINES & MACHINERY

CONNECTICUT

NEW HAVEN

Clinton Walter R, 34 and 36 Elm West Haven ..... West 19

ILLINOIS

CHICAGO

Power Equipment Co, Fisher bldg ..... Harrison 6616

GAS FIXTURE PARTS

ILLINOIS

CHICAGO

Dallas A C & Son Inc, 223 N Jefferson .. Franklin 5320

GAS FIXTURES

NEW YORK

NEW YORK CITY

Artistic Lighting Fixture Corp, 21-25 E Houston ..... Spring 3733

GAS FURNACES & BURNERS

IOWA

CEDAR RAPIDS

Johnson Gas Appliance Co, 520 E Av W ..... Cedar Rapids 1916

GAS HEATED SAD-IRONS

NEW YORK

NEW YORK CITY

Sunshine-Jasper Co Inc, 59 East 8th .. Stuyvesant 4560

GAS HEATERS—FOR HOMES AND OFFICES

ILLINOIS

CHICAGO

Hoett & Company Inc (Palmer Pat), 400 N Ashland av ..... Monroe 2461

GAS HOUSE EQUIPMENT

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut ..... Lombard 1020

GAS MAINS

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose ..... Anniston 58
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BESSEMER

Central Foundry Company The, 730, 22d . Bessemer 44
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HOLT

Central Foundry Company The ..... Tuscaloosa 932
See our Advertisement outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg ..... Kearney 1954
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GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg ..... Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av ..... Harrison 2181
See our Advertisement outside Back Cover

INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2d .. Main 566
See our Advertisement outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk .... Wolfe 73
See our Advertisement outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings ..... Roxbury 1310
See our Advertisement outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg ..... Main 4653
See our Advertisement outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Company The, Ft of Lockwood ..... Market 6510
See our Advertisement outside Back Cover

NEW YORK

MEDINA

Central Foundry Company The, Glenwood av ..... Medina 277-W
See our Advertisement outside Back Cover

NEW YORK CITY

Central Foundry Company The, 90 West ... Rector 1860
See our Advertisement outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Company The ..... Lansdale 56
See our Advertisement outside Back Cover

TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Advertisement outside Back Cover

GAS MANTLE (MANUFACTURERS)

NEW YORK

NEW YORK CITY

European Light Company Inc (Mnfrs Soft Mantles, Arc Lamps, Accessories), 100 Chambers ..... Barclay 5949

OHIO

CANTON

"Iron Clad" Gas Mantle Co The, 120 Schroyer av S W ..... Main 2381

GAS MANTLE DIPS

NEW YORK

NEW YORK CITY

DuPont Chemical Works, Equitable bldg 120 Bway ..... Rector 5727

GAS MANTLES

ILLINOIS

CHICAGO

Peerless Light Co, 174 W Randolph ..... Main 4640

GAS PRODUCERS

NEW YORK

NEW YORK CITY

Akerlund & Semmes Inc, 17 Battery pl .... Rector 2758

PENNSYLVANIA

PITTSBURGH

Hagan Geo J Co, 307, 4th av Peoples Bank bldg ..... Court 3057
See our Catalog Space, page 956

WISCONSIN

MILWAUKEE

Milwaukee Reliance Boiler Works, 1102-30, 32d ..... Kilbourn 262

GAS RADIATORS, VENTILATING

MINNESOTA

DULUTH

Hugo Manufacturing Co, 49th av W and Superior ..... Bell-Calumet 780 / Zenith-Cole 515

GAS RADIATORS & STOVES & COOKING APPLIANCES

NEW YORK

NEW YORK CITY

Wolff A H Gas Radiator Co The, 399 West Broadway ..... Canal 3755

GAS TUBING

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Bway ..... Rector 8024

GASKET & WASHER CUTTERS

NEBRASKA

HASTINGS

Rose J A Mfg Co, 105 S Kansas av ... Hastings 367-W

GASKETS

PENNSYLVANIA

PHILADELPHIA

Gasket Supply Co, 1729 Ludlow ..... Spruce 2280
See our Catalog Space, page 957

GASKETS, AMMONIA (ALL SYSTEMS)

ILLINOIS

CHICAGO

Guillott Metal Gasket & Supply Co, 24-30 S Clinton ..... Main 300

GASKETS, ASBESTOS, COPPER, LEAD, ETC.

ILLINOIS

CHICAGO

Wilcox E A Mfg Co, 6330 Stony Island av ..... Hyde Park 1012

GASKETS, ASBESTOS, RUBBER, SUPER-HEAT

NEW YORK

NEW YORK CITY

Danubil Company The, 253 Broadway.... Barclay 6017
See our Catalog Space, page 915

GASKETS—COPPER & ASBESTOS

MICHIGAN

DETROIT

McCord Mfg Co, Grand bl and Orleans..... North 3332

GASKETS—COPPER, ASBESTOS FILLED

CONNECTICUT

TORRINGTON

Fitzgerald Mfg Co..... Torrington 390

GASKETS, CORRUGATED COPPER & LEAD

ILLINOIS

CHICAGO

Guillott Metal Gasket & Supply Co, 24-30 S Clinton..... Main 3003

GASKETS, CYLINDER HEAD, BOILER & HAND HOLE

ILLINOIS

CHICAGO

Guillott Metal Gasket & Supply Co, 24-30 S Clinton..... Main 3003

PENNSYLVANIA

PHILADELPHIA

Double Service" Packing Co ("DS" Government Gasket Blowproof, Safe, Economical) 246 Chestnut ..... Lombard 4997

GASKETS—CYLINDER HEAD, METALLIC

ILLINOIS

CHICAGO

Victor Mfg & Gasket Co, 1956 S Troy... Lawndale 1649

GASKETS—FELT, PAPER OR CARD BOARD

NEW YORK

NEW YORK CITY

Crawley T R, Adams and York sts, Bklyn.. Main 488
See our Catalog Space, page 952
Jet Specialty Mfg Co, Adams and York sts, Bklyn ..... Main 488
See our Catalog Space, page 952

GASKETS, LEAD (PLAIN & CORRUGATED)

ILLINOIS

CHICAGO

Guillott Metal Gasket & Supply Co, 24-30 S Clinton..... Main 3003

GASKETS, METALLIC (ALL METALS)

ILLINOIS

CHICAGO

Guillott Metal Gasket & Supply Co, 24-30 S Clinton..... Main 3003

GASKETS, PAPER

MICHIGAN

DETROIT

McCord Mfg Co, Grand Blvd and Orleans... North 3332

GASOLINE

ILLINOIS

CHICAGO

Union Petroleum Co, 44th and S Western bl. Drover 8210

MISSOURI

KANSAS CITY

Union Petroleum Co, Republic bldg..... Main 1992

NEW YORK

NEW YORK CITY

Union Petroleum Co, 17 Battery pl..... Rector 7479

OHIO

CLEVELAND

Lubric Oil Co The, 1235 Marquette rd ..... Bell-Rosedale 5160
..... Ohio State-Central 1664

PENNSYLVANIA

PHILADELPHIA

Union Petroleum Co, Widener bldg..... Walnut 4660

GASOLINE AIR PRESSURE SYSTEMS

NEW YORK

NEW YORK CITY

Sage Bros Inc, 780 Union, Bklyn..... South 5200

GASOLINE ALSO FUEL OIL

PENNSYLVANIA

PITTSBURGH

Riverside Eastern Oil Co, Benedum-Trees bldg ..... Court 2357

GASOLINE ECONOMY

OHIO

CINCINNATI

Foot Air Accelerator Co, Union Central bldg.. Main 1719

GASOLINE ENGINES

WISCONSIN

MILWAUKEE

Wisconsin Motor Mfg Co, 44th av and Burnham, Sta A..... W. Allis 337

GASOLINE ENGINES, ALSO PUMPING, HOISTING OUTFITS

NEW YORK

NEW YORK CITY

Martin W L, 111 Broad ..... Broad 283

GASOLINE ENGINES—NEW AND SECOND HAND

ILLINOIS

CHICAGO

Wilson Machinery Co, 331 W 35th..... Yards 354

GASOLINE ENGINES AND OIL ENGINES

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1, 13th ..... Franklin 495-J

GASOLINE, GAS & KEROSENE ENGINES

MISSOURI

KANSAS CITY

Faultless Engine Company, 1515 Cypress av ..... Bell-East 4175
..... Home-East 1235

GASOLINE HOSE

NEW JERSEY

NEWARK

Breeze Manufacturing Company The, 248-250 South..... Market 4734

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Bway..... Rector 8024

GASOLINE HOSE (MNFRS.)

NEW YORK

NEW YORK CITY

Metal Hose & Tubing Co, 253 Tillary, Bklyn ..... Main 9975

GASOLINE LIGHTING SYSTEMS—STREET LAMPS & LANTERNS

MISSOURI

KANSAS CITY

Economy Gas Lamp Co, 215-17 Goodrich ..... Bell-Grand 1511
..... Home-Main 4865

GASOLINE & OIL PUMPS—VISIBLE MEASURE

PENNSYLVANIA

PITTSBURGH

Guarantee Liquid Measure Co, Hepburn Walker Distributor, Farmers Bank bldg..... Grant 153

GASOLINE & OIL STORAGE TANKS, WELDED & RIVETED

MISSOURI

ST LOUIS

Wilsdorf Sheet Metal Works, 215 St George. Sidney 367

GASOLINE PRESSURE TANKS

ILLINOIS

CHICAGO

Armstrong & Co, 544 Washington bl....Franklin 4338

GASOLINE SAVERS—SUB-CARBURETORS

INDIANA

INDIANAPOLIS

Hoosier Sub-Carburetor Co, 309 N Illinois..Main 6211

GASOLINE STORAGE TANKS

MASSACHUSETTS

BOSTON

Sexton Can Co, 228 Franklin.....Main 4

GASOLINE TANKS

NEW JERSEY

GARWOOD

Beckley Perforating Co, 200 North av....Westfield 737

GASOLINE TANKS FOR MOTOR TRUCKS

NEW YORK

NEW YORK CITY

Trageser John Steam Copper Works, 447-457 W 26th.....Chelsea 8140

GASOLINE TANKS FOR UNDERGROUND & MOUNTED TANKS

INDIANA

RICHMOND

Weldex Company, 12th and North E....Automatic 1494

GATE VALVES

PENNSYLVANIA

WILLIAMSPORT

Darling Pump & Mnfg Co The Bell-Williamsport 1150
Ltd .....United 593-X

GATE VALVES—BRASS

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

GATES, ENTRANCE, IRON AND WIRE

NEW YORK

NEW YORK CITY

Brook A T Fence Co, 37 Barclay .....Barclay 6278

GATES, FOLDING (PITT-BOSTWICK & LAZY TONG PATTERN)

NEW YORK

NEW YORK CITY

Pitt William R Composite Iron Works,
219 W 26th .....Chelsea 3100

GATES, FOLDING—WIRE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296
Taaffe pl, Bklyn.....Prospect 7688

GAUGES (SEE GAGES)

GEAR CUTTING

MASSACHUSETTS

BOSTON

Meisel Press Mfg Co, 961 Dorchester av. Dorchester 710
See our Catalog Space, page 958

MINNESOTA

ST PAUL

Auto Engine Works, University Bell-Midway 559
and Griggs .....Tri State 82-352

GEAR CUTTING—CONTRACT WORK

MICHIGAN

DETROIT

Western Gear Mfg Co, 1040-1044 Scotten.Walnut 1808

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, B'klyn..Main 7065

GEAR CUTTING MACHINERY

CALIFORNIA

LOS ANGELES

Fellows Gear Shaper Co (Eccles & Smith Co, Agts)
243 S Los Angeles .....Main 649

SAN FRANCISCO

Fellows Gear Shaper Co (Eccles & Smith Co, Agts)
71 First .....Kearney 1267

OREGON

PORTAND

Fellows Gear Shaper Co (Eccles & Smith Co, Agts)
46 Front .....Broadway 5108

VERMONT

SPRINGFIELD

Fellows Gear Shaper Co (Gear Shapers, Spur Helical, Internal, Cluster) Pearl .....Springfield 21

WASHINGTON

SEATTLE

Fellows Gear Shaper Co (Hallidie Machinery Co, Agts), Occidental av and King.....Main 2651

GEAR HOBBING MACHINES

ILLINOIS

CHICAGO

Barber-Colman Company, 26 S Jefferson.Haymarket 4209

ROCKFORD

Barber-Colman Company, cor River and
Loomis .....Main 559

MICHIGAN

DETROIT

Barber-Colman Company, 790 Woodward
av .....Glendale 484

OHIO

DAYTON

Barber Colman Company, Lindsey bldg.....Main 6070

GEAR MANUFACTURERS (CUT) AND SPECIAL MACHINERY

OHIO

AKRON

Akron Gear & Engineering Co The, South
and S High .....Main 854

GEAR AND RACK CUTTING MACHINERY

OHIO

CINCINNATI

Bickett Machine & Mfg Co The, 1110-24
Richmond .....West 4056

GEAR TRIPPLE ASSEMBLY AND SPUR GEAR CUTTING

INDIANA

LAFAYETTE

Ross Machine Co (No. 3313 Bell-Lafayette 51
Ford) 1081 North 7th.....Lafayette 1710

GEARS

CALIFORNIA

SAN FRANCISCO

Pacific Gear & Tool Works, 1035 Folsom..Market 860

ILLINOIS

CHICAGO

Albaugh-Dover Co, 2100 Marshall bl....Rockwell 6800
Foote Bros Gear & Machine Co, 213
Curtis .....Monroe 334
Ganschow William Co, W Washington bl
and N Morgan .....Monroe 4561
Jones W A Foundry & Machine Co,
4403 W 12th.....Lawndale 5040
Pyott Co, 955 Carroll av.....Haymarket 6336
Schultz A L & Son, 1677 Elston av.....Monroe 1629

ROCKFORD

Cotta Transmission Co, 2840, 11th.....Main 3208

MASSACHUSETTS

BOSTON

Meisel Press Mfg Co, 961 Dorchester av. Dorchester 710
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MISSOURI

ST LOUIS

Turley Gear & Machine Co, 1505-11 N
Tenth st .....Tyler 2448

NEW JERSEY

HOBOKEN

Nilson-Miller Co, 1300 Hudson.....Hoboken 36

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

PENNSYLVANIA

PHILADELPHIA

Bilgram Machine Works The, 1227 Bell-Poplar 1511
Spring Garden.....Keystone-Race 3056
Philadelphia Gear Works (Micarta-Noiseless Pinions) 1120-28 Bell-Walnut 3263
Vine ..... Keystone-Race 4316

GEARS (OF EVERY DESCRIPTION)

OHIO

CINCINNATI

Cincinnati Gear Co The, 1825 Reading rd.Canal 4138

GEARS—BEVEL

PENNSYLVANIA

PHILADELPHIA

Bilgram Machine Works The, 1227 Bell-Poplar 1511
Spring Garden.....Keystone-Race 3056

GEARS (SMALL)—BRASS STEEL AND IRON

ILLINOIS

CHICAGO

Faxley Mnfg Co, 1103 W Monroe.....Monroe 2681

GEARS—CUT & CAST TEETH

NEW YORK

NEW YORK CITY

lerdes & Company Inc, (All kinds, also raw-hide pinions) 28 Church.....Cortland 7673

GEARS AND GEAR CUTTING

MASSACHUSETTS

BOSTON

rofoot Gear Works, 31 Ames Cambridge A Sta.....Cambridge 6080

GEARS AND GEARED TRANSMISSIONS

ILLINOIS

CHICAGO

mes D O Mfg Co, 1120-1124 W Monroe.Monroe 5431

MINNESOTA

MINNEAPOLIS

nt R L, McKnight bldg.....Tri State 35298

EARS, HERRINGBONE

WISCONSIN

MILWAUKEE

lk Company The (Wuest) ft of 30th.....West 4622

EARS AND M & S DIFFERENTIALS

ILLINOIS

CHICAGO

m-nik Gear Co, 910 S Michigan av...Harrison 100

EARS, RAWHIDE

ILLINOIS

CHICAGO

cago Rawhide Mfg Co The, 1301 Elston av .....Monroe 6760

WISCONSIN

MILWAUKEE

tern Rawhide & Belting Company, 600 South Pierce ..... Hanover 394

ELATINE AND GLUE

NEW YORK

NEW YORK CITY

ional Glue & Gelatine Works, 59th st and 11th av.....Columbus 9700

GELATINES—PURE FOOD

ILLINOIS

CHICAGO

Sethness Company, 718-724 N Curtis....Monroe 6780

GENEALOGISTS

NEW YORK

NEW YORK CITY

Youngs Florence E, 38 W 59th.....Plaza 4259

GENERAL CONTRACTORS

MISSOURI

KANSAS CITY

Hollinger Job Construction Co, 108 Garfield av .....Home-East 2389

GENERAL CONTRACTORS, TOWBOATS, WRECKERS, ETC.

CONNECTICUT

NEW LONDON

Scott T A The Inc, 292 Pequot av...New London 1052

GENERAL MERCHANDISE

VIRGINIA

PETERSBURG

Burgess D H & Co, Mechanics bldg....Petersburg 1693

GENERATORS & DYNAMOS, DIRECT & ALTERNATING CURRENT

ILLINOIS

CHICAGO

Diehl Mfg Co, Edison bldg.....Central 5532

MASSACHUSETTS

BOSTON

Diehl Mfg Co, 201 Devonshire.....Main 5397

NEW JERSEY

ELIZABETH

Diehl Mfg Co, Elizabethport.....Elizabeth 3100

NEW YORK

NEW YORK CITY

Diehl Mfg Co, Singer bldg, 149 B'way...Cortland 1802

PENNSYLVANIA

PHILADELPHIA

Diehl Mfg Co, 1305 Race.....Spruce 1520

GENERATORS AND MOTORS DIRECT & ALTERNATING CURRENT

ILLINOIS

CHICAGO

Power Equipment Co, Fisher bldg.....Harrison 6616

GENTS FURNISHING GOODS—WHOLESALE

TENNESSEE

NASHVILLE

Eskind J & Sons, 118 Public Square.....Main 123

GEOLOGISTS (OIL)

TEXAS

HOUSTON

Deussen Alexander, Stewart bldg.....Preston 4173

GERMAN SILVER

CONNECTICUT

SEYMOUR

Seymour Manufacturing Co The (Ingots, Sheets, Wire, Rods, Shells, and Blanks) Cable Address "Seymourco" 87 Franklin.....Seymour 115

GERMAN SILVER IN SHEETS

CONNECTICUT

WATERBURY

Waterbury Rolling Mills Inc.....Waterbury 2157

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson....Haymarket 7166

GERMAN SILVER IN SHEETS AND COILS

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing CorpWaterbury 3960

GERMAN SILVER, SHEET, ROD, WIRE AND TUBE

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co se cor Lombard and South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co 80 Lafayette.....Franklin 5700

GILDING

NEW JERSEY

NEWARK

Merigold Electro Plating Co Inc, 97 Chestnut .....Market 7277

GINGER ALE

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E F McCombs), Citizens Natl Bank bldg.....
See our Adv. on Backbone & Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The....Hyland 12
See our Adv. on Backbone & Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone & Catalog Space, page 980

GINGER ALE—CONTINUED

ILLINOIS

CHICAGO

Bostelmann D W Co, 2332-2338 Walnut....West 1996
Lomax Company The, Paulina and Kinzie. Monroe 2774
Manitou Mineral Water Company The (B G Earl, Rep), 36 S State.....Central 8750
See our Adv. on Backbone & Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d ..... Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225 5th av .....Mad Sq 903
See our Adv. on Backbone & Catalog Space, page 980

OHIO

DAYTON

Ritzler Charles E Co (America's Premier), 1601-7 Chapel .....East 1179

GINGER ALE EXTRACTS

OHIO

DAYTON

Ritzler Charles E Co, 1601-7 Chapel.....East 1179

GINGER CHAMPAGNE

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E F McCombs), Citizens Natl Bank bldg.....
See our Adv. on Backbone & Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The.....Hyland 12
See our Adv. on Backbone & Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callaman), 2021 H st N W.....West 1628
See our Adv. on Backbone & Catalog Space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep), 36 S State.....Central 8750
See our Adv. on Backbone & Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, rep) 403 N 3d ..... Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av .....Madison Sq 903
See our Adv. on Backbone & Catalog Space, page 980

GLASS

KENTUCKY

LOUISVILLE

Hall City Mirror Works, 134 North 4th Home-City 5708

NEW YORK

NEW YORK CITY

Siller H F (Glass & Mirrors for export only), 59-61 Pearl .....Broad 2308

OHIO

CINCINNATI

Cincinnati Plate Glass Co The, 319 W 2d...Main 343
Glenny Wm Glass Co The, 10 W Commerce..Main 4561

GLASS, ALL KINDS

OHIO

CINCINNATI

Neuer H Glass Co The, 518-20 Reading rd..Canal 316

GLASS, AQUARIA (IMPORTERS)

NEW YORK

NEW YORK CITY

Wapler Nicholas, 28 Warren.....Barclay 5920

GLASS, ARTISTIC

NEW YORK

CORNING

Steuben Glass Works, 140 Erie av.....Corning 465

GLASS BENDERS

NEW YORK

NEW YORK CITY

Stenger John P & Son (Glass Labels, Convex Glasses, Benders, Small Glass Novelties. Bent Glass Ovals, Circles), 521 Glenmore av, Bklyn .....East N. Y. 4126

GLASS BENDERS, ENAMELING ON ALL MATERIALS

OHIO

TOLEDO

Toledo Specialty Co, 124 N Erie. Ohio State-Main 4773

GLASS BEVELING (DIFFICULT PIECES A SPECIALTY)

OHIO

DAYTON

Dayton Art Glass Works, 400 East First....Main 1778

GLASS BLOWERS

ILLINOIS

CHICAGO

Doerr A E Glass Co, 721 Fulton.....Haymarket 100

GLASS BLOWING TO SKETCH

NEW YORK

NEW YORK CITY

Hiergesell Wm & Son, 111 Nassau.....Cortland 4140

GLASS—BLOWN & PRESSED FOR PACKERS & DEALERS

OHIO

COLUMBUS

Federal Glass Co The, Parsons and Innis av..... Bell-Main 2365 Ohio State 8025

GLASS BOTTLES, MILK JARS, FOOD CONTAINERS—MFRS.

INDIANA

WINCHESTER

Woodbury Glass Co, 603 East North..Winchester 117

GLASS, BROKEN—DEALERS

OHIO

CLEVELAND

Bassichis J & Son, Society for Savings bldg ..... Bell-Main 905 Ohio State-Central 905

GLASS BRUSHES

NEW YORK

NEW YORK CITY

Beegee Company (Erasers, Clutch Pencils & Specialties), 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

GLASS CIRCLES, OVALS AND SQUARES FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Bienenfeld Glass Works, 850 Driggs av Brklyn .....Williamsburg 3415

PEEKSKILL

Sunshine A, Crompond rd.....Peekskill 21-F

GLASS COVERS FOR CLOCKS, ETC.

NEW YORK

NEW YORK CITY

Wapler Nicholas, 28 Warren .....Barclay 5920

GLASS CULLET, JOBBERS AND BROKERS

ILLINOIS

CHICAGO

Levy Max & Co, 845-865 Rees.....Diversey 2106

GLASS, CUT

NEW YORK

CORNING

Egginton O F Co The, 152 State.....Federal 81-A

OHIO

TOLEDO

Royal Cut Glass Co The, 507-509 North St Clair.....Ohio State-Main 7478

GLASS—CYLINDRIC MAGNIFIERS

OHIO

DAYTON

Dayton Art Glass Glass Works, 400 East First .....Dayton 1778

GLASS DESK PADS (GLASS TOP, FELT BOTTOM)

NEW YORK

NEW YORK CITY

Sainburg L & Son, 65-67 W Houston.....Spring 9842

GLASS FURNACES

NEW YORK

NEW YORK CITY

Hermansen A, Woolworth bldg.....Barclay 7666

GLASS FURNITURE TOPS

NEW YORK

NEW YORK CITY

Feinberg & Feinberg, 433 W 42d.....Bryant 533
Greenbergs' H Sons, 174 E 104th.....Harlem 5477
Lafayette Mirror Co Inc, 173-175 Grand...Canal 8733

GLASS FURNITURE TOPS & MIRRORS

ILLINOIS

CHICAGO

McNally-Kast Glass Co The, 3330-32 S Wabash av .....Douglas 8379

GLASS FURNITURE TOPS, MIRRORS PLATE GLASS, ETC.

ILLINOIS

CHICAGO

Chicago Mirror & Art Glass Co The, 216 N Clinton .....Franklin 5840

GLASS GAUGES, TUBING & OIL CUPS

LOUISIANA

SHREVEPORT

National Glass Co Inc.....Shreveport 491

GLASS HOUSE EQUIPMENT

PENNSYLVANIA

PITTSBURGH

Tri-State Foundry & Machine Co, Bessemer bldg .....Court 3654

GLASS INSULATORS

KENTUCKY

COVINGTON

Hemingray Glass Co, 2d & Madison.....South 121

GLASS JARS (VACUUM FOR PACKERS)

ILLINOIS

CHICAGO

Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

GLASS JOBBERS, WINDOW ORNAMENTAL AND WIRE

TEXAS

DALLAS

Buell Lumber & Manufacturing Co, Bell-Main 27
Hawkins & Montazuma st .....Long Distance 210

GLASS KNIVES

NEW YORK

BUFFALO

Pease E S Co Inc, 700 Main.....Tupper 282

GLASS MIXERS

WISCONSIN

MILWAUKEE

Smith T L Co The, 1105 32d.....Kilbourn 4100

GLASS, PLATE, ART & WINDOW

TEXAS

WACO

Waco Sash & Door Co, 24th & Mary.....Waco 885

GLASS—(PLATE) FOR AUTOMOBILES & FURNITURE TOPS

MICHIGAN

GRAND RAPIDS

Hart Mirror Plate Co, 101-107 Front Bell-Main 3005
av S W.....Citizens 4484

GLASS, PLATE AND WINDOW

NEW YORK

NEW YORK CITY

Crane Glass & Mfg Co Inc (Crane Patent All Glass Show Windows), 392 Hudson....Spring 2955
Greenbergs' H Sons, 174 E 104th.....Harlem 5477

GLASS SIGNS

NEW YORK

NEW YORK CITY

Herrlein & Henrich Co, 95-99 Hudson.....Franklin 3054

GLASS, STAINED AND LEADED

NEW YORK

NEW YORK CITY

Haslach Walker Co, Inc 450 Gates av, Brooklyn .....Decatur 1247
Spiers Lederle Glass Co, 900, 6th av.....Circle 5689

GLASS TUBES

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin .....Main 3761

GLASS TUMBLERS (VACUUM FOR PACKERS)

ILLINOIS

CHICAGO

Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

GLASS WALLS

NEW YORK

NEW YORK CITY

Keppler Glass Constructions Inc, 101 Park av .....Murray Hill 7156

GLASS, WHITE GLASS IN SHEETS AND SLABS

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, 16th and Sherman dr .....Woodruff 272

GLASS—WIND SHIELDS, GLASS FURNITURE TOPS, MIRRORS

NEW YORK

NEW YORK CITY

Rawle M Co Inc, 796, 7th av.....Circle 2090

GLASS, WINDOW

PENNSYLVANIA

PITTSBURGH

Johnston Brokerage Co, First National Bank bldg .....Court 488

GLASS (MFRS) WINDOW

TEXAS

WICHITA FALLS

Wichita Falls Window Glass Co.....Wichita Falls 1223

GLASS, WIRE

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Wire Glass Co, cor 15th and Chestnut .....Spruce 4487

GLASSES—EYE (SHELL OR RIMLESS)

NEW YORK

ROCHESTER

Kirstein E Sons Co (Shelltex Shur-on Round or Drop Eye), 242 Andrew.....Main 1764

GLASSINE PAPER BAGS, ENVELOPES AND SPECIALTIES

NEW JERSEY

NEWARK

Miller Brothers Co The, 216-228 High .....Branch Brook 1575

GLASSWARE—CUT & COPPER WHEEL ENGRAVED

NEW YORK

CORNING

Illig John N, 227 E Market.....Corning 467-W

GLAZED & PLATED PAPER MFRS.

CONNECTICUT

NEW HAVEN

Cashin F D Glazed Paper Co, 1st av and Wood West Haven .....West 375

GLOVERS' SUPPLIES

NEW YORK

GLOVERSVILLE

Bellis & Klein, 11 and 13 Cayadutta..Gloversville 2270

GLOVES

NEW YORK

NEW YORK CITY

Littauer Brothers, 257-268, 4th av....Gramercy 25[illegible]
Luchs M G, 221, 4th av.....Stuyvesant 75[illegible]

GLOVES—CHAMOISETTE

NEW YORK

NEW YORK CITY

Sanford Narrow Fabric Co, 351, 4th av....Mad Sq 523

GLOVES, LEATHER WORK

ILLINOIS

DE KALB

Bradt & Shipman Co, ("Brotherhood") 323 E Lincoln Highway.....Main 10

GLOVES AND MITTENS

NEW YORK

NEW YORK CITY

Canvas Glove Manufacturing Works, 306 Graham av, Bklyn.....Stagg 4810

GLUE CASEIN

PENNSYLVANIA

PHILADELPHIA

Rosin & Co, 611 Sansom.....Walnut 387

GLUE TANKAGE & ANIMAL FEEDS

OHIO

CINCINNATI

Joslin-Schmidt Co The, 3223 Spring Grove av .....Park 1700

GLUEING APPLIANCES, SPREADERS BOILERS HEATERS PRESSES

OHIO

CINCINNATI

Towsley John T Mfg Co, 1037 Evans.....West 331

GLUEING MACHINERY, HEATERS, SPREADERS, PRESSES, CLAMPS

INDIANA

RUSHVILLE

Francis Chas E Co, West End 5th.....Rushville 1660

GLUES—FISH

MAINE

PORTLAND

Lord Bros Co The, 1 Central Wharf....Portland 722

GLUES, FLEXIBLE

ILLINOIS

CHICAGO

Monarch Paste Co, Fort Dearborn bldg...Central 4556

NEW YORK

BUFFALO

Thoma R F Mfg Co, 179 Ellicott.....Seneca 3322-W
Wood Geary & Co, 230 Oak.....Seneca 2203-W

OHIO

CINCINNATI

arch Glue Co, 202 Main.....Main 2030

GLUES, FLEXIBLE & LIQUID MFRS.

ILLINOIS

CHICAGO

Williamson Glue & Gum Works, 220-222 W Huron .....Superior 8395

GLUES & GELATINES

NEW YORK

GOWANDA

Cooper's Peter Glue Factory.....Gowanda 6

NEW YORK CITY

Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576
Farquhar H D 230-232-234 W 17th.....Chelsea 4074
National Gum & Mica Co, 59th st and 11th av .....Columbus 9700

GLUES & GELATINES, EVERY GRADE FOR EVERY PURPOSE

MISSOURI

ST LOUIS

Gage W H Glue Co, 114 Pine st Bell-Olive 5765
.....Kinloch-Central 2446

NEW YORK

NEW YORK CITY

Hewitt C B & Bros, 48 Beekman.....Beekman 3720
Kelsey, Risden & Cooper, 38 Park Row..Cortland 4260

GLUES, GELATINES & ICE CREAM POWDERS, ALL KINDS

MISSOURI

ST LOUIS

St Louis Glue Mfg Co, 2145 Division..Bell-Bomont 2221
.....Kinloch-Centra. 972-L

GLUES, GELATINES, PAPER & BOARDS

NEW YORK

NEW YORK CITY

Hewitt C B & Bros, 48 Beekman.....Beekman 3720

GLUES, LIQUID, STRIPPING

ILLINOIS

CHICAGO

Western Paste & Gum Co, 2710 Throop....Drover 3897

GLUES, LIQUID—VEGETABLE

WISCONSIN

MILWAUKEE

Wisconsin Paste Co, 62 Mason.....Main 3994

GLUES, MANUFACTURERS & IMPORTERS

NEW YORK

NEW YORK CITY

Bayard & Co Inc, 29 Broadway.....Whitehall 620

GLUES, MARINE

MASSACHUSETTS

BOSTON

Ferdinand L W & Co, 152 Kneeland.....Beach 4998

GLYCERINE

PENNSYLVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av.Scranton 2900

GLYCERINE SAMPLER

INDIANA

LAFAYETTE

Horat J, 417-423 Ferry Bell-Lafayette 228
.....Lafayette 3228

GLYCERINE SUBSTITUTES

NEW YORK

NEW YORK CITY

Nulomoline Company The (Honey of Sugar), 111 Wall .....Hanover 7294
See our Adv. inside front cover

GO CARTS

INDIANA

ELKHART

Sidway Mercantile Co .....Elkhart 437

LA PORTE

Outing Kumfy-kab Co.....LaPorte 39

GOLD FISH & SUPPLIES—WHOLESALE & RETAIL

ILLINOIS

CHICAGO

Lake View Fishery, 3855 Southport av..Lake View 991

GOLD LEAF

MASSACHUSETTS

BOSTON

Rauskolb F W Co, 103 Arch .....Main 664

NEW YORK

NEW YORK CITY

Coe W H Mfg Co, 116 W 32d .....Farragut 2632
Harris Geo E, 91 Centre.....Franklin 3958

RHODE ISLAND

PROVIDENCE

American Roll Gold Leaf Co, 56 Pine.....Union 2172

GOLD LEAF IN ROLLS

NEW YORK

NEW YORK CITY

Coe W H Mfg Co, 116 W 32d.....Farragut 2632
Schumacher Bros, 2583 Fulton, Bklyn..East N.Y. 6764

GOLD LEAF SIZED IN ROLLS AND SHEETS

MASSACHUSETTS

BOSTON

Rauskolb F W Co, 103 Arch ..... Main 664

RHODE ISLAND

PROVIDENCE

American Roll-Gold Leaf Co, 56 Pine.....Union 2172

GOLD LEAF STAMPING

NEW YORK

NEW YORK CITY

Krause Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965

GOLD LEAF STAMPING, EMBOSSING, ETC.

NEW YORK

NEW YORK CITY

Manhattan Label Co (Gold Leaf work on Paper, Cloth, Leather, Satin, etc., Labels, Box Tops), 68 E 12th .....Stuyvesant 4490

GOLD—REFINERS AND DEALERS IN BARS—SHEET-WIRE

NEW YORK

NEW YORK CITY

Handy & Harman, 59 Cedar .....John 4338

GOLD, SILVER & ALUMINUM LEAF

NEW YORK

NEW YORK CITY

Coughlin Peter-Charles E Brown Co Inc, 26 Waverly pl .....Spring 8628
Ehrmann Ludwig, 288 Bowery .....Spring 1625

GOLD AND SILVER LEAF

NEW YORK

NEW YORK CITY

Kemp W H Company (Gold, Silver, Aluminum and Metal Leaf) 165-167 Spring.Spring 1133

GOLD, SILVER AND DIAMONDS BOUGHT AND SOLD

NEW YORK

NEW YORK CITY

Daley John (Pays Cash for Platinum, Antiques, Jewelry), 654, 6th av .....Greeley 3945

GOLD, SILVER AND PLATINUM BOUGHT AND SOLD

ILLINOIS

CHICAGO

Cassriel Alexander Co, 128-132 S Wabash av .....Central 3150

GOLD, SILVER AND PLATINUM SWEEP REFINERS

NEW YORK

NEW YORK CITY

Reliable Smelting & Refining Co, 46 Gold.Beekman 701

GOLD & SILVER TRIMMINGS, TINSELS, ETC., IMP. & MFRS.

NEW YORK

NEW YORK CITY

Lodgers Company The, 11 East 22d....Gramercy 2308

GOVERNORS

INDIANA

INDIANAPOLIS

Sinker-Davis Co The, 230-250 S Missouri.Bell-Main 415
.....Automatic 23-415

IOWA

MARSHALLTOWN

Fisher Governor Co The, 201-203 S 1st .....Marshalltown 82

MICHIGAN

VICKSBURG

Vicksburg Governor Co The (Judson and New Judson) .....Vicksburg 166

OHIO

FOSTORIA

S-C Regulator Manufacturing Co The, cor Perry & High .....Main 69

GOVERNORS, MOTOR TRUCK

MICHIGAN

DETROIT

Monarch Governor Co, 12th & Bethune W.Market 6358

GRAB BUCKETS

OHIO

CLEVELAND

Advance Engineering Co The, 6539 Bell-Rosedale 931
6541 Metta av N E... Ohio State-Princeton 1675-R

GRADING CONTRACTORS

VIRGINIA

DANVILLE

Watson-Fitzgerald Co Inc, Danville.....Danville 234

GRAIN (FOR POULTRY FEED MANUFACTURERS)

ILLINOIS

CHICAGO

Rothschild Moses Co The, 140 W VanburenHarrison 7962

GRAIN BINS

NEBRASKA

LINCOLN

National Steel Products Co, Western Hotel .....Lincoln-L 5639

OHIO

MANSFIELD

National Steel Products Co, May bldg ..... Bell-Main 573-W
Mansfield 602-R

GRAIN CLEANERS

ILLINOIS

DECATUR

Union Iron Works, Morgan and William.....Main 51

GRAIN DEALERS, WHOLESALE

TENNESSEE

NASHVILLE

Tennessee Grain Co, 49th and Centenial bl .....Hemlock 143

GRAIN DRIERS MNFRS.

OHIO

TOLEDO

Randolph O W Co, Second National Bank bldg ..Bell-Main 704
.....Ohio State-Main 4341

GRAIN ELEVATOR EQUIPMENT

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton.....Wabash 965

DECATUR

Union Iron Works, Morgan and William.....Main 51

GRAIN ELEVATORS

ILLINOIS

PONTIAC

Meadows Mfg Co .....Pontiac 43

GRAIN ELEVATORS & CONVEYERS

ILLINOIS

PEORIA

Hart Grain Weigher Co, Dept T.....Main 365

GRAIN ELEVATORS—ENGINEERS AND CONTRACTORS

ILLINOIS

CHICAGO

Burrell W E, 29 S LaSalle.....Majestic 7454

NEW YORK

BUFFALO

Monarch Engineering Co, Chamber of Commerce bldg ..... Seneca 3012

GRAIN HANDLING MACHINERY

NEBRASKA

YORK

York Foundry & Engine Works.....York 7

GRAIN AND SEED CLEANERS

ILLINOIS

CHICAGO

Huntley Manufacturing Co, 305 S LaSalle.Wabash 4466

MINNESOTA

MINNEAPOLIS

Huntley Manufacturing Co, Iron Exchange bldg .....Nicollet 1609

NEW YORK

SILVER CREEK

Huntley Manufacturing Co, 10 Mechanic .....Silver Creek 163

OHIO

CRESTLINE

International Mfg Co The, Bauer av...Ohio State 173

GRANITE

GEORGIA

ATLANTA

Arabia Granite Co, Connally bldg.....Main 5529

GRANITE PAVING BLOCKS, CRUSHED GRANITE

OHIO

CLEVELAND

Northern Granite & Stone Co The, Leader News bldg ..... Main 4878

GRAPHITE

ILLINOIS

CHICAGO

American Graphite Company, 38 S Dearborn ..... Randolph 7933

MICHIGAN

SAGINAW

Saginaw Graphite Co, 101 Hoyt av..... Saginaw 3886
United States Graphite Co..... Saginaw 71

GRAPHITE BRUSHES FOR GENERATORS, MNFRS.

NEW YORK

NEW YORK CITY

Fleck Carbon Co, 71 West Broadway..... Barclay 6796

GRAPHITE DEFLOCCULATED GRAPHITE OILS, MNFRS.

MICHIGAN

PORT HURON

Acheson Oildag Co, Washington av.... Port Huron 1318

GRAPHITE—LUBRICATING, CRUCIBLE

NEW YORK

NEW YORK CITY

Flake Graphite Co of N Y, 271 Broadway.. Barclay 7135

GRAPHITE PAINT

ILLINOIS

CHICAGO

Detroit Graphite Co, Monadnock blk.... Harrison 1074

GRAPHITE-REFINERS

MICHIGAN

DETROIT

Cummings-Moore Graphite Co, 672 Atwater E ..... Edgewood 3087

GRASS CATCHERS FOR LAWN MOWERS

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co, Park & Dolman, Dept D ..... Sidney 3700

GRASS & FIELD SEEDS

ILLINOIS

CHICAGO

Dickinson Albert Co The, 35th and California av ..... McKinley 3000

MARYLAND

BALTIMORE

Dickinson Albert Seed Co The, Marine Bank bldg ..... St Paul 4075

MASSACHUSETTS

BOSTON

Dickinson Albert Seed Co of Massachusetts The, Board of Trade bldg ..... Fort Hill 1820

MICHIGAN

DETROIT

Dickinson Albert Seed Co The, Chamber of Commerce bldg ..... Cherry 2377

MINNESOTA

MINNEAPOLIS

Dickinson Albert Seed Co The, Chamber of Commerce bldg ..... Bell-East 5700, Tri State 41-321

NEW JERSEY

HOBOKEN

Nungesser-Dickinson Co, 1208 Hudson... Cortland 3604

NEW YORK

BINGHAMPTON

Craver-Dickinson Seed Co The, 1 George ..... Binghampton 67

BUFFALO

Craver-Dickinson Seed Co The, 329 Ganson. Seneca 837

GRATE BARS

ILLINOIS

CHICAGO

Downey T F Boiler Works, 321-328 W Austin av ..... Franklin 1949

NEW YORK

NEW YORK CITY

Beggs James & Co, 36 Warren..... Barclay 5040
Godfrey Keeler Co, 70 Warren..... Barclay 6775
Salamander Grate Bar Co, 126 Liberty... Rector 4335
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GRATE BARS, BOILERS, PUMPS, NEW & USED

NEW YORK

NEW YORK CITY

Brooklyn Paper Mills, 96-98 Jay, Bklyn.... Main 1395

GRATE BARS, ELLIPTIC, WIGGLING, SHAKING & DUMPING

ALABAMA

BIRMINGHAM

Thomas Grate Bar Co, P O Box 920.. Woodlawn 271-J

GRATE BARS & STOKER FINGERS

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church..... Cortland 7673

GRATERS—FOOD

OHIO

HAMILTON

Schlichter Manufacturing Co (The Climax), 129 North B..... Bell-Hamilton 419-L, Ohio State 1027-A

GRATES (COMPLETE FIREPLACE TRIMMINGS)

MISSOURI

ST LOUIS

Hornet Mantel Co, 1115 Market st.... Bell-Main 2201

GRATES, BOILER

PENNSYLVANIA

PITTSBURGH

Rederer B S & Co, Arrott bldg..... Court 485

GRATES, ROCKING, SHAKING, DUMPING

ILLINOIS

CHICAGO

Martin Grate Co, Fisher bldg..... Harrison 3101

GRATES, SHAKING

ILLINOIS

CHICAGO

McMillan James & Co (Peerless), 114 Clarkson ct ..... Garfield 8722

GRATINGS, STEEL FOR POWER HOUSES, AREAS, BOATS

NEW YORK

NEW YORK CITY

Irving Iron Works Co, 3d and Creek sts, L I C..... Huntrs Pt 3342

GRAVEL

MISSOURI

JOPLIN

Joplin Crushed Flint Co, Frisco bldg..... Home 1703

ST LOUIS

Egyptian Gravel Co, Rialto bldg..... Olive 4395

GRAVITY CONVEYORS & SPIRAL CHUTES FOR BOXED MDSE.

CALIFORNIA

SAN FRANCISCO

Minnesota Manufacturers Association (G E Sturgis Supply House) 604 Mission... Sutter 678

ILLINOIS

CHICAGO

Minnesota Manufacturers Association, 549 W Washington..... Main 2605

MARYLAND

BALTIMORE

Minnesota Manufacturers Association, 217 E Baltimore..... St Paul 2752

MINNESOTA

NORTH ST PAUL

Minnesota Manufacturers Association North St Paul ..... North St Paul 168

MISSOURI

ST LOUIS

Minnesota Manufacturers Association (G A Link Chemical bldg... Kinloch-Central 4402

NEW YORK

BUFFALO

Minnesota Manufacturers Association, Ellicott sq .....Seneca 4640

NEW YORK CITY

Minnesota Manufacturers Association, 30 Church .....Cortland 4541

GRAY IRON (SEE GREY IRON)

GREASE CUPS

ILLINOIS

CHICAGO

Bowen Mfg Co, Otis bldg.....Franklin 3313
Gits Bros Mfg Co, 553 W Monroe.....Franklin 679
Winkley Company The, Otis bldg.....Franklin 3313

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904
Winkley Company The, 866 Warren W....Walnut 2635

NEW YORK

AUBURN

Bowen Mfg Co, Canal st.....Auburn 56

ELMIRA

Swift Lubricator Co, 729-731 West 2d...Elmira 2148

NEW YORK CITY

Kanter R J Co The, 647 Water.....Orchard 647

GREASE GUNS

ILLINOIS

FREEPORT

Neiman Machine Wks, 98-100 Mechanic .....Independent 288

GREASE (WIRE DRAWINGS, MACHINES, ETC.) MFRS.

NEW JERSEY

TRENTON

Cosmic Chemical Co Inc, New York av and Mulberry .....Trenton 1891

GREASE & TALLOW

NEW YORK

UTICA

Stapperbeck H & Sons, 2000 Canal.....Utica 412

GREASES

ILLINOIS

CHICAGO

Sullivan Oil Co, 413 N Wells.....Main 3612
Union Petroleum Co, 44th & S Western bl.Drover 8210

NEW YORK

NEW YORK CITY

Union Petroleum Co, 17 Battery pl.....Rector 7479

PENNSYLVANIA

PHILADELPHIA

Union Petroleum Co, Widener bldg.....Walnut 4660

GREASES (SPECIAL AND GRAFITED, GREDAG)

PENNSYLVANIA

ALLENTOWN

Garnet Co The, New Greenleaf and L V R R.....Bell-Allentown 1426 Consolidated 3605

GREASES, GRAPHITE

MICHIGAN

SAGINAW

United States Graphite Co The.....Saginaw 71

GREASES—LUBRICATING

NEW YORK

NEW YORK CITY

Fiske Bros Refining Co, 24 State.....Broad 3137
Kanter R J Co The, 647 Water.....Orchard 647

OHIO

TOLEDO

Fiske Bros Refining Co, 215 Pontiac..Bell-Main 6358
.....Ohio State-Main 1265

GREASES, LUBRICATING OILS, ETC.

NEW YORK

NEW YORK CITY

Oil & Grease Co of America, 261 Broadway.Barclay 8576

GREENHOUSE BUILDERS

NEW YORK

NORTH TONAWANDA

King Construction Co, Wheatfield st...Tonawanda 234

OHIO

DAYTON

Callahan Duo-Glazed Sash Co, 4th and Wyandot .....Bell-Main 2675 Ohio State 2328

GREENHOUSE BUILDERS AND MATERIAL

NEW YORK

NEW YORK CITY

Jacobs S & Sons 1365-79 Flushing av, Bklyn.Stagg 100
Metropolitan Material Co, 1335-39 Flushing av, Bklyn .....Stagg 945

GREENHOUSE PAINTING AND GLAZING

NEW YORK

NEW YORK CITY

Finch William N, 99 N Henry Bklyn...Greenpoint 2595

GREENHOUSES

NEW JERSEY

JERSEY CITY

Lutton Wm H Company, 262 Kearney av..Bergen 2416

GREETING CARDS (ENGRAVED) WEDDING, SOCIAL & BUSINESS

ILLINOIS

CHICAGO

Murray Engraving Co, 6152 S Wabash av...Normal 7627

GREY IRON CASTINGS

ILLINOIS

GALESBURG

Shaw Welsh & Co, 557 S Cherry st .....Bell-Galesburg 470 Union-Main 1237

INDIANA

ANDERSON

Lavelle Foundry Co, 606 West 11th st.....Bell 777

OHIO

CLEVELAND

Forest City Foundry & Mfg Co, 2202 Elm .....Bell-Main 72 Ohio State-Central 5349-W

TOLEDO

Ingersoll Foundry, East Broadway and N Y C R R.....Bell-Navarre 350 Ohio State-River 2531

VERMONT

RUTLAND

Davis Chas E Foundry Co, Spruce.....Rutland 791-W

GREY IRON CASTINGS, LARGE & SMALL TO THIRTY TON

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

GREY IRON CASTINGS, 1 LB. TO 10,000 LBS.

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st, Spring to Commerce .....Bell-Shreveport 851 Home-Shreveport 679

GREY IRON FOUNDRIES

ILLINOIS

DE KALB

Haish Jacob Co, Ninth and Oak.....DeKalb 259

OHIO

MARION

Blocksom Bros Construction Co, 285 East Farming .....Bell 3934

GRILLE WORK

ILLINOIS

CHICAGO

Artistic Grille Works, 3808 Normal av.....Yards 356

GRILLES

OHIO

CINCINNATI

Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

GRILLES—BRASS AND BRONZE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl Bklyn .....Prospect 7688

GRINDERS

NEW YORK

NEW YORK CITY

Coates-Kendall Corporaton, 50 Church..Cortland 6864
See our Adv. opposite title page, Catalog Section

GRINDERS (DIAMONDS FOR INDUSTRIAL PURPOSES)

NEW YORK

NEW YORK CITY

Diamond Drill Carbon Co The, 53-63 Park Row ..... Beekman 2514

GRINDERS (INSERTED TOOTH AUTOMATIC)

PENNSYLVANIA

PITTSBURGH

Pittsburgh Saw & Manufacturing Co, 32d & Smallman ..... Grant 2212

GRINDERS (OILSTONE & PORTABLE—RADIAL)

PENNSYLVANIA

HANOVER

Mummert-Dixon Co, Philadelphia st & P R R ..... Bell-Hanover 7-- Local 207-W

GRINDERS, MOTOR DRIVEN

MASSACHUSETTS

WORCESTER

Forbes & Myers, 177 Union ..... Park 1134

GRINDERS, TOOL AND CUTTER—MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap & Die Corporation ..... Greenfield 900

GRINDING MACHINERY

ILLINOIS

CHICAGO

Wright David A, 568 W Washington bl .. Franklin 5899

GRINDING MACHINES

ILLINOIS

CHICAGO

Norton Company, 11 N Jefferson ..... Franklin 1300
Sterling Grinding Wheel Co, 30 North Clinton ..... Main 2341

INDIANA

INDIANAPOLIS

Ott Grinder Co, Industrial bldg ..... Main 1716

MASSACHUSETTS

WORCESTER

Norton Company, New Bond ..... Park 1390

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642
B & L Co, 75 Barclay ..... Barclay 7419
Norton Company, 1-1 Chamber ..... Worth 1066
Terminal Machine Co, 406-408 Broome .. Cortland 3169

OHIO

TIFFIN

Sterling Grinding Wheel Co The, Broad st ..... Tiffin 127

GRINDING MACHINES (ELECTRIC) BENCH, HAND, AERIAL

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church .... Cortland 251

GRINDING MACHINES, CHASER OR DIE

CALIFORNIA

SAN FRANCISCO

Geometric Tool Co The (Gen Machinery & Supply Co Rep), 3951 Stevenson ..... Sutter 6750

CONNECTICUT

NEW HAVEN

Geometric Tool Co The, Blake and Valley ... Liberty 840

ILLINOIS

CHICAGO

Geometric Tool Co The, 545 W Washington bl ..... Franklin 3835

MASSACHUSETTS

BOSTON

Geometric Tool Co The (Hill Clark & Co Inc Rep), 156 Oliver ..... Main 4438

MICHIGAN

DETROIT

Geometric Tool Co The (Chas A Strelinger Co Rep), 43-51 E Larned ..... Main 5605

NEW YORK

NEW YORK CITY

Geometric Tool Co The (Vandyck Churchill Co Rep), Singer bldg ..... Cortland 714

PENNSYLVANIA

PHILADELPHIA

Geometric Tool Co The (Vandyck Churchill Co, Rep) Widener bldg Bell-Walnut 2957 Keystone-Main 3540

GRINDING MACHINES, ELECTRIC

NEW YORK

NEW YORK CITY

Electro-Magnetic Tool Co, 426 Broome .... Spring 7086

GRINDING MACHINES, EMERY

INDIANA

PYLMOUTH

Clizbe Bros Mfg Co ..... Plymouth 852

GRINDING MACHINES—EMERY WHEELS

ILLINOIS

CHICAGO

Partridge E O, 2039-2049 W Lake ..... West 2039

GRINDING MACHINES, PLAIN, UNIVERSAL AND INTERNAL

ILLINOIS

CHICAGO

Modern Tool Co (R H Wood, Mgr), 32 N Clinton ..... Main 2342

MICHIGAN

DETROIT

Modern Tool Co (H T White, Mgr), Dime Bank bldg ..... Cherry 1342

NEW YORK

NEW YORK CITY

Modern Tool Co (Walter H Foster Co), 50 Chuch ..... Cortland 2117
Modern Tool Co (F Wesley Parker, Mgr Export Dept), 2 Rector ..... Rector 6161

PENNSYLVANIA

ERIE

Modern Tool Co, 4th and State ..... Erie 2140

GRINDING MATERIALS, WHEELS, GRAIN MACHINES

NEW YORK

NEW YORK CITY

Universal Abrasive Products Co, 30 Church ..... Cortland 1711

GRINDING MILLS—FEED & GRAIN

OHIO

SPRINGFIELD

Duplex Mill & Mfg Co The, Ziegler and Pleasant ..... Bell-Main 990 Ohio State 581

GRINDING (ATTRITION) MILLS, FEED, GRAIN, SEEDS, ETC.

ILLINOIS

CHICAGO

Noth George J, 9 S Clinton ..... Franklin 3949

GRINDING MILLS FOR ANIMAL, VEGETABLE & MINERAL MATLS.

ILLINOIS

CHICAGO

Stroud E H & Co, 928-934 Fullerton av .. Diversey 4517

GRINDING MILLS & GRINDING MACHINERY

PENNSYLVANIA

PHILADELPHIA

Straub A W Co The (Grind Corn, Cocoa Beans, Wheat, Salt, Peanuts, Drugs, Wet, Oily Products and Dry Materials, Hand or Power Drive), 8737-41 Filbert .... Keystone-West 4483A

GRINDING & POLISHING MACHINERY

OHIO

SPRINGFIELD

Webster & Perks Tool Co The, Sheuy Factories bldg ..... Bell-Main 276 Ohio State 276

GRINDING WHEELS

ILLINOIS

CHICAGO

Norton Company, 11 N Jefferson ..... Franklin 1300
Sterling Grinding Wheel Co, 30 North Clinton ..... Main 2341

MASSACHUSETTS

CHESTER

Maxf Grinding Wheel Corporation.....Chester 3-2

SPRINGFIELD

Hampden Corundum Wheel Co.....Walnut 1866

WORCESTER

Norton Company, New Bond .....Park 1390

MICHIGAN

DETROIT

Detroit Grinding Wheel Co, cor Jefferson and Field avs .....Edgewood 14

NEW YORK

NEW YORK CITY

Best L Co, 75 Barclay.....Barclay 7419
Norton Company, 151 Chambers.....Worth 1066

OHIO

DAYTON

Dayton Grinding Wheel Co, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

TIFFIN

Sterling Grinding Wheel Co The, Broad av..Tiffin 127

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Grinding Wheel Co The, Wayne av and Berkley.....Wyoming 2913

GRINDING WHEELS, STOCK AND SPECIAL

NEW YORK

NEW YORK CITY

Fallonite Co The, 120 Broadway.....Rector 4794
See our Catalog Space, page 984

GRINDSTONES

NEW JERSEY

BELLEVILLE

Hoppen J E & Sons, 70-74 Main.....Belleville 9642

NEW YORK

NEW YORK CITY

Westpfal Frederick & Bro, 186 E Houston.Orchard 1717

GRINDSTONES FOR FACTORY PURPOSES ONLY, MNFRS. OF

OHIO

MARIETTA

Marietta Stone Co The.....Marietta 335

GRIST MILLS

ARKANSAS

TEXARKANA

Williams Mill Mfg Co of Arkansas, East Broad and Oak .....Texarkana 832

GROCERS' DISPLAY COUNTERS

ILLINOIS

CHICAGO

Sherer-Gillett Company 1705-1709 S Clark Calumet 145

GROCERS' STORE FURNISHINGS

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

GROCERS, WHOLESALE

ARKANSAS

LITTLE ROCK

Cooper-Dickinson Gro Co, Fort Scott.....Main 345

ILLINOIS

CHICAGO

Paver J M Co The, 130 N Wells.....Main 946

KANSAS

CHANUTE

Chanute Wholesale Grocery Co The 22 W Main ..... Chanute 635

MINNESOTA

MINNEAPOLIS

Kildall Company The (Corporate Title Kildall Fish Co) cor 5th av N and Washington .....Bell-Main 4100 Tri State 39111

NEW YORK

ROCHESTER

Brewster, Crittenden & Co, 54 St Paul.....Main 895

OHIO

STEUBENVILLE

Mosel-Johnson Co The, 318 N 7th...Steubenville 690

GROCERS, WHOLESALE—FANCY ONLY, CHEESE, ETC.

ILLINOIS

CHICAGO

Neumeister John G Co, 156-158 W Kinzie.Franklin 456

GROUNDING APPLIANCES

ILLINOIS

CHICAGO

Arrow Conductor & Mfg Co, 1536 W Adams ..... Monroe 3007

GUARDS, SAFETY FOR PUNCH PRESSES, SHEERS & HAMMERS

ILLINOIS

CHICAGO

Scalbom & Eckholm Mfg Co, 11-17 Desplaines .....Haymarket 1073

GUM TAPE MACHINES

NEW JERSEY

HARRISON

Torrance Mfg Co, 18 and 20 Davis.....Harrison 2143

GUMMED CLOTH AND PAPER SEALING TAPE

ILLINOIS

CHICAGO

Chicago Gum Tape Co 187 N Dearborn..Randolph 3640
Mid-States Gummed Paper Co, 312-316 Union Park ct.....Haymarket 41

GUMMED LABEL PAPER

ILLINOIS

CHICAGO

Moser Paper Co, 621-631 Plymouth ct..Wabash 2718

GUMMED LABELS

ILLINOIS

CHICAGO

Willson H H Co, 501 S Dearborn.....Harrison 2129

GUMMED PAPER MNFRS.

NEW YORK

NEW YORK CITY

Standard Paper Co (J F Ryan, Rep), 52 Vanderbilt av .....Murray Hill 988

VERMONT

BELLOWS FALLS

Standard Paper Co .....Bellows Falls 356

GUMMED PAPER TAPE AND SEALING MACHINES

ILLINOIS

CHICAGO

Metal Specialties Mfg Co, 338-352 N Kedzie av .....Garfield 440

GUMMED PAPERS

NEW JERSEY

NEWARK

Jones Samuel & Co, McClellan st,.....Waverly 865

NEW YORK

NEW YORK CITY

Direct Sales Company (Fred M Page & Co) (Sealing Tape, Moistening Machines, Box Stay), 395 Broadway .....Franklin 720

GUMMED PAPERS, PERFECT & SECONDS

NEW YORK

NEW YORK CITY

Elish M M & Co Inc, 29 Beekman.....Beekman 29

GUMMED TAPE AND MOISTENING MACHINES

CALIFORNIA

SAN FRANCISCO

National Binding Machine Co, 9 Main.....Sutter 868

ILLINOIS

CHICAGO

National Binding Machine Co, 30 N LaSalle .....Franklin 1954

MARYLAND

BALTIMORE

National Binding Machine Co (Wm T Bond, Agt), Piper bldg.....St Paul 2350

MASSACHUSETTS

BOSTON

National Binding Machine Co, 170 Sum....Main 57495

NEW YORK

NEW YORK CITY

National Binding Machine Co, 260 West...Canal 8417

GUMMING, GLUING AND PASTING MACHINES

NEW YORK

NEW YORK CITY

Potdevin Machine Co, 253, 36th, Bklyn...Sunset 5181
Schwensen Louis C Co, 268, 41st Bklyn..Sunset 7164

GUMMING IN SHEETS FOR PRINTERS & LITHOGRAPHERS

NEW YORK

NEW YORK CITY

Wiener Bros (Varnishing, Gumming, Die & Straight Cutting), 692-694 Broadway cor 4th ..... Spring 8525

GUMS, ARABIC

NEW YORK

NEW YORK CITY

Dilsizian Bros (Only direct importers in United States), 17 Battery pl.....Rector 6863

GUMS—ARABIC & TRAGACANTH

NEW YORK

NEW YORK CITY

Anderson P E & Co Inc, 99 John.....Beekman 1820

GUMS—ARABIC, TRAGACANTH, SHELLAC, ETC.

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

GUMS, LIQUID GLUES AND ADHESIVES

NEW YORK

NEW YORK CITY

National Gum & Mica Co, 59th st and 11th av .....Columbus 9700

GUMS AND WAXES

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

NEW YORK

NEW YORK CITY

Innis Speiden & Co, 46 Cliff.....Beekman 4031

GUTTA PERCHA TISSUE

NEW YORK

NEW YORK CITY

Soltau Robert & Co Inc, 148 W 23d....Chelsea 7773

GYMNASIUM APPARATUS

ILLINOIS

CHICAGO

Narragansett Machine Co, Monadnock blk .....Harrison 1598

MISSOURI

ST LOUIS

Medart Fred Mfg Co, Potomas and De Kalb..Sidney 4315

NEW YORK

NEW YORK CITY

Narragansett Machine Co, 52 Vanderbilt av .....Murry Hil 732

RHODE ISLAND

PAWTUCKET

Narragansett Machine Co, Vale.....Pawt 747

GYPSUM—PLASTER PRODUCTS

IOWA

FT DODGE

Plymouth Gypsum Co, 1st Natl Bank bldg.....Ft Dodge 71

HACK SAW BLADES MFRS.

ILLINOIS

CHICAGO

Swett Frank W & Sons, 1716-18 W Adams.West 2508

HACK SAW MACHINES

ILLINOIS

CHICAGO

Armstrong-Blum Mfg Co, 333 N Francisco av ..... Garfield 4781
See our Catalog Space, page 1004

WISCONSIN

RACINE

Peerless Machine Co, 1610 Racine.....Racine 5303

HAIR CLOTH MNFRS.

ILLINOIS

CHICAGO

Western Haircloth Co, 3107-3111 Robinson .....McKinley 6192

HAIR CURLERS

PENNSYLVANIA

PHILADELPHIA

West Electric Hair Curler Co, Bell-Kensington 1414
Columbia av and Hancock.....Keystone-Park 624

HAIR DYE MANUFACTURERS

NEW YORK

NEW YORK CITY

Damschinsky Carl, 40-42 E 22d.....Gramercy 1452
Waldeyer & Betts (Safe Coloring for Hair or Beard), 315, 5th av.....Mad Sq 2083

HAIR FOR BRUSHES, HAIR CLOTH, CURLED HAIR

ILLINOIS

CHICAGO

Horwich, Vitkin Co The, 2301-33 S Paulina Canal 5800
Porter W J, 4166 Wallace.....Yards 1631

HAIR GOODS (HUMAN)

ILLINOIS

CHICAGO

Strelil Wm R 5 S Wabash av.....Central 3327

HAIR GOODS (HUMAN) REAL HAIR NETS, IMPORTERS & MFRS.

NEW YORK

NEW YORK CITY

Hoeg O C M, 17 E 14th.....Styvsnt 1217

HAIR GOODS AND HAIR NET IMPORTERS

NEW YORK

NEW YORK CITY

Mittelstaedt Bernhard Estate of, 86 University pl ..... Stuyvesant 3602

HAIR GOODS MANUFACTURERS

NEW YORK

NEW YORK CITY

National Hair Goods Co Inc, 368, 6th av.Gramrcy 5387

HAIR GOODS—WHOLESALE

ILLINOIS

CHICAGO

Chicago Human Hair Co, 179 N Wells.....Main 3990
Gibbs & Co, 7-9-11-13 E Jackson bl....Harrison 5891

HAIR, HUMAN, HORSE, ETC.

NEW YORK

NEW YORK CITY

Cone Frederick H, 181 Front.....John 1998

HAIR NET MNFRS. & IMPORTERS

NEW YORK

NEW YORK CITY

Bender-Spitz Co (Distributors of famous Royale Hair Nets) 24-26 E 21st.....Gramercy 2581

HAIR NETS

ILLINOIS

CHICAGO

Hartmann Bros Inc, 130 N Wells.....Franklin 5058

MASSACHUSETTS

BOSTON

Hartmann Bros Inc, 641 Atlantic av.....Beach 6980

NEW YORK

NEW YORK CITY

Gary Theo H Co, 67-69 Irving place...Stuyvesant 7761
Hartmann Bros Inc, 384 Fourth av.Madison Square 8685

HAIR PINS (CELLULOID)

NEW YORK

NEW YORK CITY

Austin Walker Sales Co (Diadem Mfg Co, Fitchburg), 215 Fourth av.....Stuyvesant 3211

HALF TONE ENGRAVERS

ILLINOIS

CHICAGO

Barnett Jos H & Co, 508 S Dearborn...Harrison 1389

HALFTONES

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 10 S Wells.....Main 4103

HALVAH MAKERS

NEW YORK

NEW YORK CITY

Gordon, Wolf, Cowen Co, 119-121 Ave D.Orchard 4140
Independent Halvah Co, 90-92 Meserole, Bklyn .....Stagg 3986
Turco Halvah Co Inc, 183 Lewis.....Orchard 5248

HAMES—MNFRS.

NEW YORK

BUFFALO

U S Hame Company, 135 Tonawanda .....North 1310

HAMMER MFRS—PNEUMATIC

OHIO

CANTON

Pittsburgh Pneumatic Co The, 900 Lawrence rd N E .....Main 862

HAMMER MANUFACTURERS—STEAM AND DROP

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway and C & P RR .....Bell-Alliance 500 Ohio State 2214

HAMMERS (POWER)

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

HAMMERS (STEAM)

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

HAMMERS—(STEAM DROP)

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

HAMMERS INSPECTORS FOR STEEL & WOOD

PENNSYLVANIA

PITTSBURGH

Hunter Bros Stamp Co, 207-209 Sandusky .....Bell-Cedar 5185 P & A-North 152

HAND BAGS AND VALISES

NEW YORK

NEW YORK CITY

Hitman S & Sons, 657 Bway, Bklyn.....Stagg 5166

HAND CART MANUFACTURERS

NEW YORK

NEW YORK CITY

Willets Manufacturing Co, 890 Bedford av, Bklyn .....Wmsburg 27

HAND CARTS

MICHIGAN

LANSING

Lansing-Company .....Lansing 2000

HAND SCREWS

RHODE ISLAND

PAWTUCKET

Narragansett Machine Co, Vale.....Pawtucket 747

HAND TOOLS, RIVETING, BRIDGE BLDRS. BOILER MAKERS

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av.....Superior 3674

HANDKERCHIEF MANUFACTURERS

NEW YORK

NEW YORK CITY

Acheson Harden Company The, 66 LeonardFranklin-6084
Novelty Handkerchief Mfg Co Inc, 41 Union sq .....Stuyvesant 3022

HANDLE MAKERS, PACKAGE OR PARCEL

NEW YORK

NEW YORK CITY

Acme Handle Co Inc, 267 Lafayette.....Spring 9485
Standard Handle Co, 183 W Houston.....Spring 2622

HANDLE MAKERS, WOODEN

ILLINOIS

CHICAGO

Borgeson C E, 4555 Ravenswood av...Ravenswood 9814

MOLINE

Strambeck-Becker Mfg Co, 51st st and 4th av.....Moline 1475

INDIANA

SOUTH BEND

Stephenson Mfg Co, 168 E Tutt.....Main 201

NEW YORK

NEW YORK CITY

Schutz Bros Inc, 71 West Broadway.....Barclay 9727

PENNSYLVANIA

BETHLEHEM

Strock L W & Co, First National Bank bldg .....Bethlehem 106

HANDLE MANUFACTURERS

NEW YORK

NEW YORK CITY

Carpenter & Bayles Inc, 100 Walker.....Franklin 1679

HANDLES, ADVERTISING, FAN AND FLY SWATTER

MISSOURI

CAPE GIRARDEAU

Stout J L Co The ,20 S Spanish..Cape Girardeau 492

HANDLES FOR BROOMS & BRUSHES

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The 227-229 Water.Beekman 3579

HANDLES—SPECIAL WOOD

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

HANDLES—WOODEN (PLAIN, POLISHED AND ENAMELED)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

HANDWRITING AND DOCUMENT EXPERTS

PENNSYLVANIA

PHILADELPHIA

Melcher Webster A, 21 S 12th st.....Filbert 4408

HANDWRITING EXPERTS

CALIFORNIA

LOS ANGELES

Carlson Milton (Examiner & Photographer of Questioned Documents), International Bank bldg .....Main 3939

ILLINOIS

CHICAGO

Ewell Marshall D, 155 N Clark.....Central 2225
Rounds H A 64 W Randolph.....Central 4755

MASSACHUSETTS

BOSTON

Hingston Wm E (Qualified Expert Examiner, Documents, Writing Signatures), 40 State...Main 2959

NEW YORK

NEW YORK CITY

Carvalho David N, (Questioned Handwriting, Ink, paper and typewriting) 17 West 10th.Chelsea 4168
Haring J V, 13 Park Row.....Barclay 8778
Horton Loren C, 261 Broadway.....Barclay 6493
Lewis A R, 220 Broadway .....Cortland 5633

HANDWRITING EXPERTS AND CRIMINOLOGISTS

CALIFORNIA

SAN FRANCISCO

Kytka Theodore Laboratory, 2682 Union..Fillmore 653

HANGER—JOIST AND TIMBER

OHIO

SALEM

Clark W J Co The, 190 Depot.....Salem 352

HANGERS (BALL AND ROLLER BEARING AND BABBITTED)

ILLINOIS

CHICAGO

Chicago Pulley & Shafting Co, 40 S Clinton.Main 1876

NEW YORK

BUFFALO

Transmission Ball Bearing Co, 1050 Military rd ..... North 4786

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HANGERS—COAT, SUIT & SKIRT

OHIO

TOLEDO

Gilsdorf Hanger Co, 507-513 Superior .....Ohio State B-5945

HANGERS, JOIST, WALL & I-BEAM STYLES

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 E 79th.....Bell-Rosedale 3036 Ohio State-Princeton 222

HANGERS, PULLEYS AND SHAFTING

ILLINOIS

CHICAGO

Passman Bros, 30 S Green.....Monroe 6960
Pyott Co, 955 Carroll av.....Haymarket 6336

HANGERS, SHAFT

PENNSYLVANIA

MANHEIM

Bond Foundry & Machine Company...Manheim 41-A1

PHILADELPHIA

Bond Charles Company, 520 Arch.....Market 3249

HANGERS AND SHAFTING

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450

HARD IRON CASTINGS

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

HARDWARE

ILLINOIS

CHICAGO

Glendon-Bowler Hardware Co, 1345-1347 S Wabash av ..... Calumet 3271

INDIANA

INDIANAPOLIS

Vonnegut Hardware Co, 120 E Washington ..... Bell-Main 4192 Automatic 3442-11

NEW JERSEY

PATERSON

Van Winkle J A Co The, 168 Main.....Paterson 3840

SOUTH CAROLINA

SPARTANBURG

Montgomery & Crawford, Main & BroadSpartanburg 376

HARDWARE (BRASS & BRONZE)

ILLINOIS

CHICAGO

Imperial Brass Mfg Co, 1200 W Harrison .....Haymarket 741

HARDWARE (WHOLESALE)

NEW HAMPSHIRE

MANCHESTER

Varick John B Co, 809 Elm.....Manchester 4560

NEW YORK

NEW YORK CITY

Blumberg W L & Co, 92 Chambers.....Barclay 5616

HARDWARE (WHOL) AUTO ACCESSORIES, SPORTING GOODS

OHIO

CHILLICOTHE

Spetnagel Hardware Co The, 21 E Second .....Bell-Main 51 Ohio State 160

TEXAS

BEAUMONT

Wilson E L Hardware Co, 339 Pearl .....Old-Beaumont 29 New-Beaumont 29

HARDWARE—BUILDERS

OHIO

CINCINNATI

Schroder J B Co The, 133 E 5th.....Main 2431

HARDWARE—CASKET, ALSO STEEL AND BRASS STAMPINGS

CONNECTICUT

BRIDGEPORT

Bridgeport Silverware Mfg Corp The, 65 Holland av.....Barnum 7477

HARDWARE (WHOLESALE) CONTRACTORS & R. R. SUPPLIES

NEW YORK

NEW YORK CITY

Green G S Co Inc, 74 Warren .....Barclay 8688

HARDWARE AND CUTLERY (WHOLESALE)

ILLINOIS

CHICAGO

Hibbard Spencer Bartlett & Co (Also full line of sporting goods, paints, harness, auto accessories and electrical goods), State Street Bridge .....Central

HARDWARE, FOR STORE FIXTURE MNFRS.

MICHIGAN

GRAND RAPIDS

Knape John Machine Co, North and Muskegon av .....Bell-Main 2820 Citizen 1197

HARDWARE, FRAMELESS GLASS SLIDE DOORS

NEW YORK

NEW YORK CITY

Voigt Albert Mfg Co, 40-42 South 8th Bklyn ..... Wmsbg 2227

HARDWARE, HEAVY & COMMERCIAL BODY & VEHICLE IRONS

ILLINOIS

CHICAGO

Hoof John C & Co, 157 W Illinois.....Main 1430

HARDWARE MANUFACTURERS

ILLINOIS

CHICAGO

Payson Mfg Co The, 2920 E Jackson bl....Kedzie 988

HARDWARE AND MILL SUPPLIES

OHIO

STEUBENVILLE

Steubenville Hardware & Supply Co The, cor 6th & Market .....Steubenville 172

HARDWARE PATENTS SECURED

NEW YORK

NEW YORK CITY

Munn & Co, 233 Broadway.....Barclay 8064

HARDWARE, SAWSETS, NAIL PULLERS, ETC.

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

HARDWARE SPECIALTIES

CONNECTICUT

WALLINGFORD

Wilbur Mfg Co Inc (Mfr "Marbelite" Products, House Number, Office & Hotel Signs), 70 Quinnipiac .....Wallingford 256-

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ILLINOIS

CHICAGO

Brownie Mfg Co, 548 W Lake.....Franklin 128
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 356
Saal H G Company, 1808-1810 Montrose av ..... Ravenswood 73

See our Catalog Space, page 941

GENEVA

Burgess Norton Mnfg Co, Geneva.....Geneva 80

STERLING

Barnett [illegible]nal Mfg Co, 17 E 2d.....Main

NEBRASKA

BEATRICE

Kees F D Mfg Co ..... Beatrice 716-W

OHIO

CLEVELAND

Diamond Stamping Works Co The, 1944-46 East 55th ..... Rosedale 4830

HARDWARE SPECLTIES, ANVILS, COAL SHEETS, DAMPERS, ETC.

IOWA

DUBUQUE

Klauer Mfg Co ..... Dubuque 292

HARDWARE SPECIALTIES—FIVE & TEN CENT

NEW YORK

NEW YORK CITY

ischer Bros & Corwin, 19 Warren ..... Barclay 6162
eitler Kurt, 221, 4th av ..... Stuyvesant 7594

HARDWARE SPECIALTIES KITCHEN UTENSILS

MICHIGAN

LUDINGTON

ndy Things Mnfg Co, Ludington av. Ludington 166

ARDWOOD FLOOR CONTRACTORS

MISSOURI

ST LOUIS

iss J H Hardwood Floor Co, 105 N 7th ..... Bell-Olive 1412 Kinloch-Central 4544

ARDWOOD FLOORS

ILLINOIS

CHICAGO

ifee J & Co, 38 N Franklin ..... Main 1894

OHIO

CLEVELAND

eland Hardwood Floor Co, Colonial Arcade ..... Bell-Main 5290 Ohio State-Central 8256-K

RDWOOD FLOORS—PARQUET & DREADNAUGHT

OHIO

TOLEDO

e Chas F, 1010 Monroe .... Ohio State-Main 4113

RDWOOD LUMBER—ALL KINDS—MANUFACTURERS

OHIO

GREENVILLE

way & Wilson, Front & Anderson av Greenville

HARDWOOD LUMBER MNFRS.

ILLINOIS

CHICAGO

Dermott Land & Lumber Co, 28 E Jackson bl ..... Harrison 4782

INDIANA

PERU

Eisaman-Richer Lumber Co, 42 E 10th st ... Main 842

HARNESS, COLLARS & SADDLES, WHOLESALE MNFRS.

ARKANSAS

LITTLE ROCK

Voss-Barbee Mfg Co, 618-622 N Markham .. Main 433

HARNESS MACHINERY

OHIO

CINCINNATI

International Harness Machinery Co The, 708 Broadway ..... Canal 4622

HARNESS MANUFACTURERS

MISSOURI

ST LOUIS

Ulbricht J C Mfg Co, 307 S Second ..... Bell-Olive 3631 Kinloch-Central 5619-R

HAT BANDS

NEW YORK

NEW YORK CITY

Muller Robert & Co, 22 Washington pl ... Spring 4454

HAT BANDS (ALSO ALL HAT SUPPLIES)

NEW YORK

NEW YORK CITY

Mast J B Co, 28-30 W 4th ..... Spring 838

HAT BANDS AND PUGGAREES

NEW YORK

NEW YORK CITY

Washington Pleating & Binding Co The, 145 W 18th ..... Chelsea 7754

HAT BOXES

NEW JERSEY

ORANGE

Riley A M & Co, 34-36-38-40 William .... Orange 595

HAT & CAP MATERIALS

NEW YORK

NEW YORK CITY

Lincoln Hat Band Co, (Ribbons and Silks for crush bands) 19 E 26th .... Mad Sq 9550

HAT CLEANERS & RESHAPERS

OHIO

CINCINNATI

John T, 9th and Vine ..... Canal 388

HAT MANUFACTURERS

NEW YORK

NEW YORK CITY

R an W Hat Shop The, Fifth Ave bldg ... Gramercy 4663

HAT MANUFACTURERS, FUR WOOL AND STRAW HATS

NEW JERSEY

JERSEY CITY

Excelsior Hat Works, 275, 15th ..... Montgomery 749

HAT MNFRS—PANAMA HATS A SPECIALTY

ILLINOIS

CHICAGO

A & W Panama Hat Works, 220 W Ontario ..... Superior 8598

HAT MNFRS.—ROUGH

CONNECTICUT

DANBURY

McLachlan George, Thorpe st ..... Danbury 758

HAT MNFRS. SOFT

NEW YORK

NEW YORK CITY

Holoschutz Ike, 206 Centre ..... Canal 8890

HAT SWEAT LEATHERS AND SUPPLIES

CONNECTICUT

BETHEL

Shepard Geo A & Sons Co The, Henry st. Danbury 1340

HAT WIRES, STEEL WIRE AND CLASPS

CONNECTICUT

DANBURY

Kinner George A, 18 Crosby ..... Danbury 52

HATTERS' FURS

CONNECTICUT

SOUTH NORWALK

Jonas & Naumburg Inc, 85 Spring .. South Norwalk 116

NEW JERSEY

NEWARK

Donner & Co, Polk and Clover ..... Mulberry 3026

HATTERS' SUPPLIES

ILLINOIS

CHICAGO

Heller L & Co, 223 W Jackson bl ..... Wabash 653

HATTERS' TRIMMINGS

NEW JERSEY

PATERSON

Columbia Ribbon Co The ..... Paterson 2800
See our Catalog Space, page 1002

HAULING AND HANDLING OF SAFES AND HEAVY MACHINERY

OKLAHOMA

OKLAHOMA CITY

O K Transfer & Storage Co, First and Hudson. P B X 83
See our Catalog Space, page 1011

HAULING, MOVING (LOCAL AND LONG DISTANCE)

PENNSYLVANIA

LANCASTER

Herr Noah F, 25-27 W Lemon Bell-Lancaster 1744-J
.....Independent 465-Z

HEAD FRAMES, STEEL

PENNSYLVANIA

BETHLEHEM

Guerber Engineering Co The, 9th Bell-Bethlehem 576
and Lehigh av .....Keystone 76-J

HEAD GATE HOISTS

OHIO

DAYTON

Dayton Beater & Hoist Co, 26 North
Canal .....Main 4172

HEAD LIGHTS—HUNTERS, FARMERS, MINERS, ETC.

MINNESOTA

DULUTH

Brilliant Search Light Mfg Co The,
24, 4th av West .....Zenith-Grand 700

HEADED WIRES

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm
and Commerce N W cor.....Main 1704

HEARING DEVICES

NEW YORK

NEW YORK CITY

Microphe-Detector Co Inc, 26 Cortland..Cortland 7290

HEAT TREATING

OHIO

CLEVELAND

Steel Improvement & Forge Co The, 5008
Windsor av .....Rosedale 3109

HEATERS, FEED WATER

NEW YORK

NEW YORK CITY

Ross & Davis Engineers Inc, 140 Cedar...Rector 9135

HEATERS, GAS, FOR GARAGES

OHIO

CANTON

Kanneberg Roofing & Ceiling Co The, Bell-Main 264
935 Robin ct S E.....Ohio State 43

HEATERS, GAS, FOR STEAM, VAPOR & HOT WATER HEATING

OHIO

CLEVELAND

Bryant Heater & Mfg Co The, 952 Bell-Rosedale 1149
East 72d .....Ohio State-Prinston 2603-W

HEATERS, MOTOR CAR

OHIO

CLEVELAND

Standard Parts Company The,
Hickox bldg .....Main 6933

HEATERS, WARM AIR

PENNSYLVANIA

CONNELLSVILLE

Munson Heater Co, 103 Bell-Connellsville 153
Orchard av .....Tri State 60-W

HEATING

ILLINOIS

CHICAGO

Hanley & Company, 5 N Lasalle.....Franklin 1855

MISSOURI

ST LOUIS

Star Heating & American Fire Escape
Co, 3941-51 Forest Park bl.....Lindell 1138

HEATING APPARATUS

NEW YORK

NEW YORK CITY

Lieblich H & Co, 653 W 181st.....St Nicholas 2870

HEATING APPLIANCES, ELECTRIC

ILLINOIS

CHICAGO

Lincoln Electric Works (R J Morgan)
Heyworth bldg .....Randolph 4142

HEATING CONTRACTORS

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

HEATING MATERIALS, ALL KINDS

PENNSYLVANIA

PHILADELPHIA

American Tin & Terne Plate Co,
24th and Vine .....Loc[illegible]

HEATING PLANTS, HOT AIR FOR FACTORIES

MISSOURI

ST LOUIS

Skinner Bros Mfg Co, 10th & Tyler.....Tyler 596

HEATING, PLUMBING & METAL WORK

INDIANA

TERRE HAUTE

Terre Haute Furnace & Sheet Bell-Terre Haute 299
Metal Co, 927 Wabash av.....Citizens 299

HEATING & PLUMBING SUPPLIES

MINNESOTA

ST PAUL

Cochran-Sargent Co, 180-4 E 6th Bell-Cedar 1571
.....Tri State 25818

HEATING & POWER PLANTS

MINNESOTA

MINNEAPOLIS

Kelly H & Co, 1029, 3d S Bell-Main 4420
.....Tri State 36686

HEATING SUPPLIES

ILLINOIS

CHICAGO

Verbeek Harry Co, 175 W Jackson bl...Harrison 217

HEATING SYSTEMS, VACUUM

ILLINOIS

CHICAGO

McAlear Mfg Co The, 223 W Erie.....Superior 7746

HEATING, VACUUM

ILLINOIS

CHICAGO

Illinois Engineering Company, Racine av
at 21st .....Canal 6430

HEATING—VENTILATING

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

NEW YORK

YONKERS

Williams & Cullinan, 26 Dock.....Yonkers 2220

HEATING, VENTILATING & POWER PLANTS

WISCONSIN

MILWAUKEE

[illegible]ey Heating & Supply Co, 613 Clybourn.Grand 691

HEDDLES

MASSACHUSETTS

SOUTHBRIDGE

Litchfield Shuttle Co, South st.....Southbridge 200

HEEL MANUFACTURERS, LEATHER

KANSAS

ATCHISON

Atchison Leather Products Co, 316 Commercial .....Atchison 797

HERBS

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

HERRINGBONE GEARS

WISCONSIN

MILWAUKEE

Falk Company The (Wuest), ft of 30th....West 4622

HERRINGBONE RIGID METAL LATH

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Bell-Main 1250
Dennick .....Ohio State 2250

HIDES, FUR & TALLOW

MICHIGAN

DETROIT

Behr Bros Co, 353-357 Gratiot av.....Main 330

HIDES, FURS & WOOL

MINNESOTA

MINNEAPOLIS

McMillan Fur & Wool Co, 200-212 Bell-Main 193
First av N.....Tri State 37193

MISSOURI

ST LOUIS

Parker & Block, 4 and 6 S Main.....Bell-Olive 1617
.....Kinloch-Central 4405
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HIDES, GOAT & SHEEPSKIN (FOREIGN)

PENNSYLVANIA

PHILADELPHIA

Park W T, Bourse bldg.....Lombard 1499

HIDES & LEATHER

LOUISIANA

NEW ORLEANS

Lecoste Emile J, 521 Decatur.....Hemlock 318

HIDES & SKINS

ILLINOIS

CHICAGO

Schmoll Fils & Co, 130 N Wells.....Franklin 780
Star Jules & Co (Julius Marx Representative), 130 N Wells .....Franklin 4226
Stern Jacob & Sons, 327 S LaSalle.....Harrison 6727

NEW YORK

NEW YORK CITY

Schmoll Armand, 41 Park Row.....Cortland 2096
Schmoll Fils & Co, 28 Spruce.....Beekman 2410
Star Jules & Co, 26-28 Ferry.....Beekman 3248

OHIO

CLEVELAND

Hughes Provision Co The, 3199 W 65th.Edgewater 3150

MARYSVILLE

Wolfson L, 123 N Plum.....Marysville 375

PENNSYLVANIA

PHILADELPHIA

Stern Jacob & Sons, 428 N 3rd.....Market 741

HIDES, SKINS & TALLOW

CONNECTICUT

NEW HAVEN

Mansfield John J & Co, 324 Main W H....West 1002

HIDES & TALLOW

ILLINOIS

CHICAGO

Horwich Vitkin Co The, 2301-33 S Paulina ..... Canal 5800

HIDES, TALLOW & DEAD ANIMALS

NEW JERSEY

KEARNEY

Schwarz Bros Co, 1100 Harrison av....Harrison 2210

HIGH GRADE MACHINISTS

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

HIGH PRESSURE GASOLINE TANKS A SPECIALTY

PENNSYLVANIA

TITUSVILLE

Odin Construction Co S Perry, P R R.....Union 41

HIGH SPEED STEEL

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795
Darwin & Milner Inc, 156 Broadway....Cortland 1956

HIGH SPEED STEEL KNIVES—MANUFACTURERS

OHIO

DAYTON

Simonds A A & Son Co The Bell-Fairview 264
Summit and Negley Place.....Ohio State 2914

HINGES (INVISIBLE) FOR AUTO DOORS & FURNITURE

NEW YORK

NEW YORK CITY

Soss Manufacturing Co, 435-443 Atlantic av, Bklyn .....Main 1742

HOB NAILS

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce N W cor.....Main 1704

HOBS (GEAR & WORM GEAR)

MICHIGAN

DETROIT

Michigan Tool Co, 264-270 E Jefferson av.Cadillac 2655

HOBS—GEAR & WORM WHEEL

ILLINOIS

CHICAGO

Barber-Colman Company 26 S Jefferson Haymarket 4209

ROCKFORD

Barber-Colman Company Cor River and Loomis ..... Main 559

MICHIGAN

DETROIT

Barber-Colman Company, 790 Woodward av .....Glndale 484

OHIO

DAYTON

Barber-Colman Company, Lindsey bldg ....Main 6070

HOES—WEEDING & CULTIVATOR

NEW YORK

ELMIRA

Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

HOG FOUNTAINS, HOG FEEDERS, GRAIN BINS, TANKS, ALL KINDS

INDIANA

CRAWFORDSVILLE

Clarke J Q Tank Co, 500 N Walnut.....DE 29

HOISTING ENGINES

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

MISSOURI

ST LOUIS

Hely J P, 3840 Market.....Lindell 3570

HOISTING ENGINES, GASOLINE, KEROSENE, ELECTRIC, STEAM

IOWA

KEOKUK

American Cement Machine Co Inc The (Branch offices and stock in all principal cities) ..... Keokuk 788

NEW YORK

NEW YORK CITY

American Cement Machine Co Inc The (Edw Ehrlan, Mgr), 270 West .....Canal 8473

HOISTING ENGINES—GASOLINE AND STEAM

ILLINOIS

CHICAGO

Louer W B Company, Old Colony bldg.Harrison 7366

HOISTING ENGINES & MACHINERY

ILLINOIS

CHICAGO

Wilson Machinery Co, 331 W 35th.....Yards 354

PENNSYLVANIA

PITTSBURGH

Pittsburgh Machinery & Equipment Co, Fulton bldg .....Grant 3047

HOISTING ENGINES, SPECIAL, GASOLINE OR KEROSENE

NEW YORK

NEW YORK CITY

Martin W I, 111 Broad.....Broad 283

HOISTING ENGINES, STEAM, ELECTRIC AND GAS

PENNSYLVANIA

PITTSBURGH

Carlin John H Machine Co, Sandusky & Lacock .....Cedar 233

HOISTING ENGINES, STEAM, GASOLINE AND ELECTRIC

OHIO

RAVENNA

Byers John F Machine Co, 283 Sycamore.Ravenna 26

HOISTING EQUIPMENT FOR SAILING VESSELS

ALABAMA

MOBILE

Marine Supply Co, Water & St Francis....Mobile 301

HOISTING MACHINERY

TENNESSEE

CHATTANOOGA

Street Bros Machine Works.....Main 258

HOISTING & MOVING, SAFES AND MACHINERY

NEW YORK

NEW YORK CITY

Krasilovsky S & Bro, 218 Centre.....Canal 187

HOISTS

CALIFORNIA

SAN FRANCISCO

Brown Hoisting Machinery Co The (H D Wright) Monadnock bldg.....Sutter 411

ILLINOIS

CHICAGO

Brown Hoisting Machinery Co The (J P Case) 208 S Lasalle.....Wabash 5963
Euclid Crane & Hoist Co The, (A Ryder Dyer, Agt), McCormick bldg.....Harrison 6545

MICHIGAN

SAGINAW

Euclid Crane & Hoist Co The, (A E Kendall, Agt), Bearinger bldg..Bell-Saginaw 121 Citizens-Valley 76

NEW YORK

NEW YORK CITY

Brown Hoisting Machinery Co The (Richard Devens) 50 Church.....Cortland 3798
Hoisting Machinery Co, 50 Church.....Cortland 1992

OHIO

CLEVELAND

Brown Hoisting Machinery Co The, 4403 St Clair av .....Prospect 1640

EUCLID

Euclid Crane & Hoist Co The Bell-Nottingham 51 .....Ohio State-Wood 637-R

OREGON

PORTLAND

Colby Engineering Co The, 70 First.....Main 6416

PENNSYLVANIA

PITTSBURGH

Brown Hoisting Machinery Co The (H C Torrance) Oliver bldg .....Grant 2694
Factory Product Co The, Oliver bldg.....Grant 2335

READING

Reading Chain Block Co Bell-Reading 2838 .....Consolidated 171-J

HOISTS (ELECTRIC)

ALABAMA

BIRMINGHAM

Shepard Electric Crane & Hoist Co, Brown Mard bldg.....Main 108
See our Catalog Space, pages 937 and 959

CALIFORNIA

SAN FRANCISCO

Shepard Electric Crane & Hoist Co, 16 California .....Douglas 293
See our Catalog Space, pages 937 and 959

CANADA

MONTREAL, QUEBEC

Shepard Electric Crane & Hoist Co, 95 McGill .....Main 1474
See our Catalog Space, pages 937 and 959

ILLINOIS

CHICAGO

Shepard Electric Crane & Hoist Co, Peoples Gas bldg.....Harrison 4805
See our Catalog Space, pages 937 and 959

MARYLAND

BALTIMORE

Shepard Electric Crane & Hoist Co, Equitable bldg ..... St Paul 2518
See our Catalog Space, pages 937 and 959

MASSACHUSETTS

BOSTON

Shepard Electric Crane & Hoist Co (Cutter & Wood Supply Co, Agts), 70 Pearl.....Main 4120
See our Catalog Space, pages 937 and 959

MICHIGAN

DETROIT

Northern Engineering Works, 2 Chene.....East 3280

NEW YORK

MONTOUR FALLS

Shepard Electric Crane & Hoist Co, Office & Works .....Montour Falls 47
See our Catalog Space, pages 937 and 959

NEW YORK CITY

Northern Engineering Works, (R A Byrns) 120 Liberty .....Rector 88
Shepard Electric Crane & Hoist Co, 30 Church .....Cortland 2565
See our Catalog Space, pages 937 and 959

PENNSYLVANIA

PHILADELPHIA

Shepard Electric Crane & Hoist Co, Bulletin bldg .....Walnut 4659
See our Catalog Space, pages 937 and 959

PITTSBURGH

Shepard Electric Crane & Hoist Co, Union Arcade bldg .....Grant 5641
See our Catalog Space, pages 937 and 959

HOISTS, CHAIN, ALL TYPES INCLUDING TROLLEY HOISTS

ILLINOIS

CHICAGO

Chisholm-Moore Mfg Co The, Peoples Gas bldg .....Harrison 5506

NEW YORK

NEW YORK CITY

Chisholm-Moore Mfg Co The, 30 Church..Cortland 4545

OHIO

CLEVELAND

Chisholm-Moore Mfg Co The, 5046 Lakeside av .....Rosedale 2926

PENNSYLVANIA

PITTSBURGH

Chisholm-Moore Mfg Co The, H W Oliver bldg .....Grant 1780

HOISTS & DERRICKS

ILLINOIS

CHICAGO

Clyde Iron Works, 343 S Dearborn.....Harrison 875

MINNESOTA

DULUTH

Clyde Iron Works, 29th av W and Michigan ..... Bell-Melrose 2185 Zenith-Lincoln 85

LOUISIANA

NEW ORLEANS

Clyde Iron Works, 414 Carondolet.....Main 4157

NEW YORK

NEW YORK CITY

Clyde Iron Works, 50 Church.....Cortland 5017

WASHINGTON

SEATTLE

Clyde Iron Works, 542, 1st av S.....Main 1235

HOISTS, GASOLINE ENGINE DRIVEN

MICHIGAN

LANSING

Novo Engine Co .....Lansing 2300

HOISTS GASOLINE & ELECTRIC

INDIANA

SOUTH BEND

Clover Leaf Machine Co The, 1730 S Franklin .....Main 81

MINNESOTA

MINNEAPOLIS

Minneapolis Steel & Machinery Co 2854 Minnehaha av ..... Bell-Drexel 2025, Tri State 61100

HOISTS, HYDRAULIC

MINNESOTA

ST PAUL

Hydraulic Hoist Mfg Co, 292 Walnut ..... Bell-Cedar 1826, Tri State 21662

HOISTS—PNEUMATIC

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av ..... Cabany 6180

NEW YORK

NEW YORK CITY

Curtis Pneumatic Machinery Co, S Hudson Terminal bldg ..... Cortland 2818

HOLIDAY GOODS—TRAVELING & MANICURE SETS, COLLAR BAGS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 W Houston ..... Spring 2367

HOLLOW CHISELS

ILLINOIS

ROCKFORD

Star Bit & Tool Co The, 1016 Ninth ..... Main 5802

HOLLOW METAL WINDOWS

MARYLAND

BALTIMORE

Truden O D Co The, Warner and Dock ..... South 596
See our Catalog Space, page 926

HOLLOW TILE

MICHIGAN

DETROIT

Detroit Clay Products & Sand Co, 816 Kresge ..... Cadillac 5381

HOLLOW TILE AND BRICKS

PENNSYLVANIA

BRADFORD

Bradford Pressed Brick Co, 2 Main ..... Bradford 385

HOLY WATER FONTS, BISQUE STATUES

NEW YORK

NEW YORK CITY

Kepler Nicholas, 28 Warren ..... Barclay 5920

HOMEOPATHIC VIALS, MNFRS.

ILLINOIS

CHICAGO

Illinois E Glass Co, 721 Fulton ..... Haymarket 100

HOOK AND EYE TAPE

NEW YORK

NEW YORK CITY

Austin Walker Sales Co (Kramer Mfg Co), 215 Fourth av ..... Stuyvesant 3211

HOOKS—BOX, BASKET, MEAT, BONING & HAY

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av ..... Superior 3674

HOOKS—BOX, BASKET, MEAT & HAY

ILLINOIS

CHICAGO

Duffy Manufacturing Co, 214-216 W Grand av ..... Superior 3674

HOOP STEEL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce N W cor ..... Main 1704

HOPPERS—STEEL

MARYLAND

BALTIMORE

Vaile & Young Calvert and Beaufort ..... St Paul 4713

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church ..... Cortland 6424

HORIZONTAL DRILLING AND BORING MACHINES

MARYLAND

BALTIMORE

Detrick & Harvey Machine Co, 508 E Preston ..... Mt Vernon 72

HORSE CLOTHING

NEW YORK

NEW YORK CITY

Curtis & Von Bernuth Mfg Co, 88 West Broadway ..... Barclay 7110
See our Catalog Space, page 916

HORSE HAIR

NEW YORK

NEW YORK CITY

Polack Co The Inc, 249 Pearl ..... Beekman 1927

HORSES AND MULES

KANSAS

FT SCOTT

Fort Scott Horse & Mule Co, North Ivy ..... Fort Scott 719

HOSE

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Broadway ..... Rector 8024

OHIO

CINCINNATI

Atlas Rubber & Belting Co The, 312-314 Walnut ..... Main 377

HOSE (FLEXIBLE METALLIC)

CONNECTICUT

WATERBURY

American Metal Hose Co The, 67 Jewelry ..... Waterbury 905

HOSE (MFRS. FOR GASOLINE)

NEW YORK

NEW YORK CITY

Metal Hose & Tubing Co, 253 Tillary Bklyn Main 9975

HOSE—AIR STEAM AND SUCTION

ILLINOIS

CHICAGO

Louer W B Company, Old Colony bldg ..... Harrison 7366

HOSE CARTS

PENNSYLVANIA

PHILADELPHIA

Wirt & Knox Mfg Co, 23d and York ..... Bell-Diamond 4869, Keystone-Park 830

HOSE CLAMP MANUFACTURERS

NEW YORK

NEW YORK CITY

Ideal Clamp Manufacturing Co, 202 Bradford, Brooklyn ..... East N.Y. 5974

HOSE CLAMPS

MICHIGAN

DETROIT

Bartlett Mfg Co, 44 Lafayette av E ..... Cherry 2189

NEW JERSEY

JERSEY CITY

Han-D Metal Products Corp, 683-5 Cummunipaw av ..... Bergen 1343

OHIO

NEWARK

Newark Stamping & Foundry Co The, East St Clair ..... Bell-Main 767-W, Ohio State 1487

HOSE REELS & RACKS

NEW YORK

NEW YORK CITY

Cliff & Guibert Co, 460 West Broadway ..... Spring 1805

PENNSYLVANIA

PHILADELPHIA

Wirt & Knox Mfg Co, 23d and York ..... Bell-Diamond 4869, Keystone-Park 830

HOSIERY MANUFACTURERS

ILLINOIS

ROCKFORD

Burson Knitting Co, S Main and Cedar.....Main 517

NEW HAMPSHIRE

FRANKLIN

Sulloway Mills .....Franklin 339

NEW YORK

NEW YORK CITY

Burson Knitting Co, 346 Broadway.....Franklin 2240

PENNSYLVANIA

PHILADELPHIA

Armat Knitting Mills, 52-82 Armat..Germantown 1290

HOSIERY, UNDERWEAR AND KNIT GOODS

NEW YORK

NEW YORK CITY

Friedman Co The, 558 Broadway.....Spring 9294

HOSIERY YARNS

PENNSYLVANIA

CHESTER

Aberfoyle Mfg Co, Chester.....Chester 91

HOSPITAL CLOTHING

NEW YORK

NEW YORK CITY

Abbott Linen Supply The, (Manufacturers; Hospital Clothing, Internes' Uniforms, Operating Gowns, Suits, Caps, Patients' Gowns. Doctors' and Dentists' Coats made to measure), 1315 Stebbins av .....Intervale 3385

HOSPITAL—ENAMEL WARE AND RUBBER GOODS

NEW YORK

NEW YORK CITY

Thorner Bros, 140 Fifth av.....Gramercy 4927

HOSPITAL EQUIPMENTS—INVALIDS' SUPPLIES

NEW YORK

NEW YORK CITY

Knauth Bros, 220, Fourth av cor 18th.Stuyvesant 2523
See our Catalog Space, page 960

HOSPITAL FURNITURE & EQUIPMENTS

OHIO

CINCINNATI

Wocher Max & Son Co The, 19-27 W 6th .....Canal 192

HOSPITAL FURNITURE—MANUFACTURERS OF

NEW YORK

NEW YORK CITY

Hospital Supply Co The, 53-55, 5th av.Stuyvesant 746

HOSPITAL AND INSTITUTION SUPPLIES

ILLINOIS

CHICAGO

Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren ..... Barclay 5833
Lewis Samuel, 73 Barclay.....Barclay 5406

HOSPITAL PLUMBING FIXTURES

DELAWARE

WILMINGTON

Speakman Supply & Pipe Co, 30th and Spruce ..... Wilmington 188

HOSPITAL SUPPLIES

NEW YORK

NEW YORK CITY

Baker H W Linen Co, 41 Worth.....Franklin 5264
Greenhaus D, (Manufacturer operating gowns, Doctors coats, trousers, skull caps, rubber aprons, straight jackets), 377 Atlantic av Bklyn ..... Main 7183
Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449
Watters Laboratories The, 53-55, 5th av ..... Stuyvesant 746

HOSPITAL AND SURGICAL SUPPLIES

MINNESOTA

MINNEAPOLIS

Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 Tri State 51498

HOSPITALS

ILLINOIS

CHICAGO

Illinois Post Graduate & Training School for Nurses (South Park Hospital), 546 Garfield av.Lincoln 2155
See our Catalog Space, page 988

HOT WATER HEATING

ILLINOIS

CHICAGO

Graves Heating Co, 162 N Desplaines..Haymarket 2310

HOT WATER & STEAM HEATING

ILLINOIS

CHICAGO

Kroeschell Bros Co, 440-472 W Erie.....Superior 3680

HOTEL BROKERS

MICHIGAN

DETROIT

Aubrey W H Co, Union Trust bldg.....Main 2901

NEW YORK

NEW YORK CITY

Fleming John J Co, 1183 Broadway.....Farragut 711

PENNSYLVANIA

PITTSBURGH

Geis George S & Co, Union Arcade bldg P O Box 988 .....Grant 4569

HOTEL CHINA

ILLINOIS

CHICAGO

Burley & Co, 7 N Wabash av.....Central 3220

HOTEL CHINA, GLASSWARE AND LINENS

ILLINOIS

CHICAGO

Cross-Wells Co The, 17-19 S Wabash av.Randolph 6188

HOTEL CHINA MFG.

PENNSYLVANIA

NEW CASTLE

Shenango Pottery Co .....New Castle 376

HOTEL EMPLOYMENT BROKERS

ILLINOIS

CHICAGO

Brierly Employment Broker, 106 N LaSalleFranklin 1683

HOTEL EQUIPMENT & SUPPLIES

GEORGIA

ATLANTA

Hotel Equipment Co, 82 Marietta.....Main 1884

HOTEL—KITCHEN EQUIPMENT

ILLINOIS

CHICAGO

Simonds Range Co, 127 N Market.....Main 2138

HOTEL PUBLICATIONS

ILLINOIS

CHICAGO

Hotel World The, 440 S Dearborn.....Harrison 2323

HOTEL RANGES

ILLINOIS

CHICAGO

Traub Wm F Range Co, 281 W Superior.Superior 7670

MISSOURI

ST LOUIS

Majestic Mfg Co, 2018 Morgan.....Bomont 218

HOTEL RANGES & COOKING EQUIPMENT

ILLINOIS

CHICAGO

Stearnes Company The, 215 N Michigan av .....Randolph 4318

HOTEL RESTAURANT AND CAFETERIA EQUIPMENT

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The ("Vitro-Marble"), 16th and Sherman Drive .....Woodruff 272

HOTEL & RESTAURANT EQUIPMENT & SUPPLIES

MISSOURI

KANSAS CITY

Zeyn Chas & Son, 607 Main Bell-Main 5056
.....Home-Main 5050

HOTEL & RESTAURANT KITCHEN APPARATUS (MNFRS.)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d Bell-Cedar 2640
..... Tri State 26726

HOTEL & RESTAURANT SUPPLIES—DISH WASHING MACHY

NEW YORK

NEW YORK CITY

Hamilton-Low Co The, 145 East 42d..Murray Hill 1431

HOTEL AND RESTAURANT SUPPLIES, PATENT SUGAR BOWLS

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978

HOTEL SUPPLIES

ILLINOIS

CHICAGO

Maxim Manufacturing Co, 700 W 22d.....Canal 4499

NEW YORK

NEW YORK CITY

Baker H W Linen Co, 41 Worth.....Franklin 5264
Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433

HOTEL SUPPLIES—IMPERIAL SILVER—BURNISHER

MASSACHUSETTS

BOSTON

Young H G W, 61 Hanover.....Haymarket 2370

HOTELS

CALIFORNIA

LOS ANGELES

Hotel Van Nuys, Main and 4th Manual-Main 8992
.....Home 10896
Rosslyn Hotel (Hart Bros, Props) Bell-Main 9246
Main and 5th .....Home 60911

COLORADO

DENVER

Bayer Hotel Co The New, Broadway and 17th av .....Main 4981

CONNECTICUT

DERBY

Hotel, Clark .....Derby 1156

HARTFORD

Hotel Garde, 370 Asylum.....Charter 2470

WALLINGFORD

St George Hotel, Main st N .....Wallingford 478

FLORIDA

JACKSONVILLE

Hotel Seminole, Hogan and Forsythe..Jacksonville 4280

GEORGIA

ATLANTA

Cecil The, Luckie, 1 blk from Peachtree.....Ivy 3426
Kimball House, N Pryor and Bell-Ivy 7700
Peachtree .....Atlanta 2408

SAVANNAH

Hotel Savannah, Bull .....Savannah 4600

ILLINOIS

CHICAGO

Grand Pacific Hotel Jackson bl and Clark Wabash 2920
Hotel Atlantic S Clark near Jackson bl...Wabash 2646
Hotel Planters, 19 N Clark N of Madison.Randolph 4800

INDIANA

EVANSVILLE

McCurdy Hotel, 1st and Locust .....Main 6100
New Vendome, 3d, 2d and Sycamore..Evansville 4600

KENTUCKY

FT THOMAS

Avenel Hotel The, ft Thomas av .....Highland 424

LOUISVILLE

Hotel Henry Watterson, 415 W Bell-Main 3401
Walnut .....Home-City 1977
Tyler Hotel The, 3d and Jefferson Bell-Main 3100
..... Home-City 9000

LOUISIANA

NEW ORLEANS

Hotel De Soto (Vic LeBeau), Million Dollar Home, Rates notably Moderate Fireproof Occupying Entire Square Baronne and Perdido.....Main 4880
Planters Hotel, Dauphine and Iberville.....Main 2705

MARYLAND

BALTIMORE

Southern Hotel Co, Light and German...St Paul 7740

MASSACHUSETTS

BOSTON

Hotel Colonial, 199 Massachusetts av...Back Bay 1087
Hotel Commonwealth, Bowdoin .....Haymarket 2660
See our Catalog Space, page 959
Hotel Napoli (The most exclusive Italian restaurant in town. Music and service until midnight, Sig Palladino Orchestra.) Jct Friend and Washington .....Haymarket 1589
(See Restaurants)

MICHIGAN

DETROIT

Hotel Ste Claire, Randolph cor Monroe....Cherry 95

MINNESOTA

MINNEAPOLIS

Andrews Hotel, Fourth st and Hennepin av Bell-Nicollet 3500
..... Tri State 36314
Dyckman Hotel, 6th bet Nicollet Bell-Main 3020
and Hennepin .....Tri State 32341
Radisson Hotel, 7th bet Nicollet and Bell-Nicollet 2560
Hennepin ..... Tri State 34611
West Hotel, 5th and Hennepin av Bell-Main 3680
.....Tri State 36611

ST CLOUD

Grand Central Hotel, 5th av So and St Germain
..... St Cloud 1060

ST PAUL

Hotel Ryan (New, Rebuilt 1916, Reasonable Prices all Departments) 6th and Robert .....Bell-Cedar 2720
..... Tri State 26381
St Francis Hotel, cor Wabasha and ..Bell-Cedar 9660
7th ..... Tri State 26711
Saint Paul Hotel The, 5th and Bell-Cedar 4100
St Peter ..... Tri State 22821

STILLWATER

Elliott Hotel, 118 S 3d.....Stillwater 297

WINONA

Park Hotel, 2d and Johnston.....Winona 1117

MISSISSIPPI

VICKSBURG

National Park Hotel, Washington st..... Bell 1493

NEBRASKA

OMAHA

Hotel Fontenelle, Douglas and 15th.....Douglas 3207
Hotel Loyal, 16th Capitol to Davenport.Douglas 2008

NEW HAMPSHIRE

MANCHESTER

Hotel Exeter, 732 Elm.....Manchester 3658

NEW JERSEY

ATLANTIC CITY

Fredonia Hotel, Tennessee av and Boardwalk .....Atlantic City 3832-J
Phillips House, Massachusetts and Oriental avs .....Atlantic City 362

PERTH AMBOY

New Packer House The, Smith and High .....Perth Amboy 1800

SEA GIRT

Tremont Hotel, Ocean av.....Spring Lake 154

TRENTON

Barlows Hotel (Rooms $1 and up, Taxi Service), Clinton av at Penn RR Depot.....Trenton 444

NEW YORK

BUFFALO

Hotel Iroquois, Main and Eagle.....Seneca 2650

FONDA

Brunswick Hotel, Main.....Fonda 5

NEW YORK CITY

Hotel Margaret 97 Columbia Heights Bklyn ..... Main 4120
Hotel Montague, 103 Montague, Bklyn .....Main 3645
Hotel St George 51 Clark Bklyn.....Main 10000

NORTH CAROLINA

RALEIGH

Yarborough The, Fayetteville st opp P O..Raleigh 1667

OHIO

CINCINNATI

Hotel Emery, 421 Vine.....Main 3810
Hotel Havlin, Vine and Opera pl.....Canal 3780
Hotel Metropole, 609-617 Walnut.....Canal 5100
Hotel Oxford, 6th and Race .....Canal 1552
Hotel Sinton (European Plan. Cincinnati's Leading Hotel) 4th av at Vine .....Main 3520
Palace Hotel The, 6th and Vine.....Canal 180
Stag Hotel, 420 Vine .....Main 1420

CLEVELAND

Colonial Hotel Co The, Prospect av....Bell-Main 4520
.....Ohio State-Central 3951
Gillsy Hotel Co The, 1811 E 9th Bell-Prospect 3120
.....Ohio State-Central 5904
Hotel Euclid Co The, Euclid av Bell-Prospect 2500
at E 14th .....Ohio State-Central 8900
Hotel Olmsted, E 9th and Superior Bell-Main 5030
.....Ohio State-Central 2364

DAYTON

Holden Hotel Co, 5th and Wilkinson.....Main 8800

LIMA

Barr Hotel The, 210 North Union .....Main 4957

PENNSYLVANIA

PHILADELPHIA

Windsor Hotel, 1217-1227 Filbert Bell-Walnut 2395
..... Keystone-Race 348

SOUTH CAROLINA

CHARLESTON

New Charleston Hotel Co, Meeting ....Charleston 1981
St John Hotel, Meeting and Queen....Charleston 398

GREENVILLE

Hotel Imperial, C S & L A James, Props.Greenville 952

HOTELS—CONTINUED

TENNESSEE

CHATTANOOGA

Hotel Patten, 11th and Market.....Main 3080
Signal Mountain Hotel (Fireproof Elev 2000 Ft. 250 Rms, 200 Baths), Signal Mt P O...Main 2065

KNOXVILLE

Hotel Atkin, opposite Southern Ry Sta..Knoxville 3481

VERMONT

BURLINGTON

New Sherwood Hotel, 35 Church.....Burlington 2090

WEST VIRGINIA

HUNTINGTON

Fifth Ave Hotel, 5th av and 9th....Huntington 1427

HOTELS—AMERICAN PLAN

OHIO

BRYAN

Christman The, cor Main and Bryan.....Bryan 19

HOTELS—EUROPEAN

INDIANA

LA FAYETTE

Lahr Hotel Co, cor Main and 5th ..... Bell-Main 63 Lafayette 488

TERRE HAUTE

Terra Haute House, 7th and Wabash av ..... Bell-623 Independent 2001

OHIO

SPRINGFIELD

Heaume Hotel, Fountain and Columbia ..... Bell-Main 785 Ohio State 785
Hotel Bancroft Opr Co, High ..... Bell-Main 711 Ohio State 565
Hotel Shawnee, Main and Limestone ..... Bell-Main 3268 Ohio State 44

HOTELS—EUROPEAN, FIREPROOF

SOUTH DAKOTA

SIOUX FALLS

Albert Hotel, 333 N Phillips av.....Sioux Falls 465

HOTELS—FAMILY

OHIO

CINCINNATI

Burnet House Co, 3d and Vine..... Main 2792
Glencoe Hotel, Glencoe pl Mt Auburn.....Avon 672

HOTELS—FIRE PROOF—FIRST CLASS

INDIANA

LAFAYETTE

Fowler Hotel, Fourth and Ferry.....Lafayette 12

HOTELS—FURNISHED APARTMENTS

MICHIGAN

DETROIT

Lawrence Apartments, 78 W High.....Cadillac 3485

HOTELS—RESIDENTIAL

ILLINOIS

CHICAGO

Hyde Park Hotel, Hyde Park bl and Lake Park av .....Hyde Park 530

HOTELS—RESIDENTIAL AND FAMILY

OHIO

CINCINNATI

Hotel Alms, McMillan and Alms Place.Woodburn 108

HOTELS, TEMPERANCE

MASSACHUSETTS

BOSTON

Hotel Commonwealth, Bowdoin.....Haymarket 2660
See our Catalog Space, page 959

MINNESOTA

MINNEAPOLIS

Hotel Hastings (New Fireproof, Bath in every room, Single $1.50 up Double $2.00 up) cor 12th and Hawthorne ..... Bell-Nicollet 1702 Tri State 35262
St James Hotel, Hennepin av and 2nd ..... Bell-Main 748 Tri State 34321

HOTELS, TOURIST

MINNESOTA

MINNEAPOLIS

Leamington The, 10th and 3d av S ..... Bell-Nicollet 7140 Tri State 33611
Plaza Hotel The, 17th and Hennepin av ..... Bell-Kenwood 4200 Tri State 34553

HOUSE DRESSES, DRESSING SACQUES & KIMONOS

OHIO

CLEVELAND

Metropolitan Mfg Co, 1548 W 6th ..... Ohio State-Central 597-W

HOUSE FURNISHING GOODS AND STAMPED WARE

NEW YORK

NEW YORK CITY

Schlesinger Leo & Co, 64-68 Wooster....Spring 7781

HOUSE MOVERS & RAISERS

ILLINOIS

CHICAGO

Crowe Bros, 133 W Washington.....Main 3158
Dobry Rudolph, 30 N Lasalle.....Main 1604
Friestedt L P Co, Tribune bldg.....Randolph 296
Kwiatkowski Jos P, 2846-2900 W 26th.Lawndale 9922

NEW YORK

NEW YORK CITY

Friestedt Underpinning Co, Woolworth bldg ..... Barclay 5644

HOUSE ORGANS

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

HOUSE TRIM

NEW YORK

WHITE PLAINS

Kelsey Smith & Co, Westmoreland av.White Plains 655

HOUSE WRECKERS

ILLINOIS

CHICAGO

Gillette Lumber & Wrecking Co, 4824 S Halsted .....Yards 74

NEW YORK

NEW YORK CITY

Empire Wrecking Co (Dealers in New and Second Hand Building Materials, Work Done Anywhere, Yards 400-14 Grand Maspeth, L I), 74 Broadway .....Rector 9780
Interstate Wrecking Co (New & Second Hand bldg Materials), 420-430 Grand Maspeth, L I .....Newtown 2580
Rheinfrank House Wrecking Co, Est 1877 (Buildings Wrecked Anywhere in United States), 620 E 14th .....Forsyth 9280

HOUSE WRECKERS—BUILDING MATERIAL

NEW YORK

NEW YORK CITY

Northeastern Supply Co, Harris and East av L I C.....Hunters Pt 2966
Seagrist Company, 1094 Brook Av.....Melrose 1143

HOUSEHOLD GOODS, ALUMINUM & ENAMELED WARE

ILLINOIS

CHICAGO

Great Northern Mfg Co, 215 W Randolph.Franklin 5436

HOUSES, BARNS & GARAGES (WOOD) READY CUT

MICHIGAN

BAY CITY

Bay City Ready Cut Home Co.....Bay City 1433
Lewis Mfg Co.....Bay City 327

HUB-ODOMETERS

NEW YORK

NEW YORK CITY

American Taximeter Co, 1765 Broadway..Circle 533
Quinlan Jos T (Veeders, Hub-Odometers, Cyclometers and Counters), 1777 Broadway.Columbus 8494

HUMAN HAIR NETS

ILLINOIS

CHICAGO

Hartmann Bros Inc, 130 N Wells.....Franklin 5058

MASSACHUSETTS

BOSTON

Hartmann Bros Inc, 641 Atlantic av.....Beach 6980

NEW YORK

NEW YORK CITY

Hartmann Bros Inc, 334 Fourth av.Madison Square 8685

HUMIDORS FOR CIGARS

NEW YORK

NEW YORK CITY

Bubeck & Guerin, 161-163 W 18th.....Chelsea 4119

HUMIDORS, HUMIGARS, CLAY CIGAR CASE MOISTENERS

NEW YORK

NEW YORK CITY

Caldwell William & Co, 96 Warren.....Barclay 6265

HUMUS

NEW YORK

NEW YORK CITY

Alphano Humus Co, 17 Battery pl.....Rector 8636

HUNTER'S KNIVES—NORTH-WESTERN & WESTERN OUTING

MINNESOTA

DULUTH

Brilliant Search Light Mfg Co The, 24, 4th av W .....Zenith-Grand 700

HYDRANTS, FIRE

PENNSYLVANIA

WILLIAMSPORT

Darling Pump & Manf'g Co The Ltd .....Bell-Williamsport 1150 United 593-X

HYDRANTS—FROST PROOF

DELAWARE

WILMINGTON

Vogel Joseph A Co, 1209 Lombard..Wilmington 5790

HYDRAULIC ENGINEERS

NEW YORK

NEW YORK CITY

Pelton Water Wheel Co The, 90 West....Rector 543

HYDRAULIC MACHINERY PRESSES AND TOOLS

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

HYDRAULIC MOLDING PRESSES

OHIO

DAYTON

Siebert Engineering Co The, 131 East Third.Main 9184

HYDRAULIC PRESS AND VULCANIZER FOR AUTO TIRES

OHIO

AKRON

Williams Foundry & Machine Co The, 62-66 Cherry .....Bell-Main 1279 Ohio State 1559

HYDRAULIC PRESSES

NEW JERSEY

HARRISON

Shriver T & Co, 850 Hamilton.....Harrison 2140

HYDRAULIC PRESSES—ALL TYPES & SIZES

NEW YORK

NEW YORK CITY

Watson-Stillman Co The, 50 Church....Cortland 8470

HYDRAULIC PRESSES, PUMPS AND ACCUMULATORS

NEW JERSEY

NEWARK

Burroughs Charles Company The, 141-149 Commerce .....Mulberry 26

HYDRAULIC PRESSES & PUMPS

WISCONSIN

MILWAUKEE

Galland-Henning Mfg Co, 26th av and Layton Park .....Orchard 193

HYDRAULIC PRESSES, PUMPS, VALVES, FTGS &ACCUMULATORS

NEW YORK

NEW YORK CITY

Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

OHIO

MT GILEAD

Hydraulic Press Mfg Co The.....Independent 35

HYDRAULIC PUMPS

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg...Main 1740

HYDRAULIC PUMPS—HIGH PRESSURE

NEW YORK

NEW YORK CITY

Watson-Stillman Co The, 50 Church....Cortland 8470

WISCONSIN

MILWAUKEE

Galland-Henning Mfg Co, 26th av and Layton Park .....Orchard 193

HYDRAULIC & SPECIAL MACHINERY

ILLINOIS

CHICAGO

Elmes Charles F Engineering Works, Morgan sw cor Fulton .....Haymarket 696

HYDRAULIC VALVES & FITTINGS—PRESSES, ETC.

NEW YORK

NEW YORK CITY

Watson-Stillman Co The, 50 Church....Cortland 8470

HYDRAULIC VALVES, OPERATING & GATE

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654

See our Catalog Space, page 1021

HYDRO—CARBONS—RUBBER MAKERS

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg.Trenton 915

HYDROCHLORIC ACID, CHEMICALLY PURE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

HYDROGEN

ILLINOIS

CHICAGO

Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

OKLAHOMA

OKLAHOMA CITY

Burdett Oxygen Co, 406 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

Burdett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

Burdett Oxygen Co, Witherspoon bldg....Walnut 462

TENNESSEE

CHATTANOOGA

Burdett Oxygen Co, 410 N Market.....Main 294

HYDROMETERS

NEW YORK

NEW YORK CITY

Tagliabue G Estate of (Established in 1831) 302 Pearl.....Beekman 3590

ROCHESTER

Taylor Instrument Companies 95 Ames....Stone 6700

HYDROMETERS, UNBREAKABLE, MADE FROM PURE CELLULOID

MICHIGAN

DETROIT

Luthy Hydrometer Co, University bldg...Cherry 575-R

ICE BOXES

ILLINOIS

CHICAGO

Matot D A, 1538-1546 Montana.....Lincoln 2

ICE BOXES (CUSTOM BUILT) FOR HOTELS, MARKETS, ETC.

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

ICE BREAKERS

IOWA

DAVENPORT

Schmidt B L Co, 417 W 4th.....Davenport 440

ICE CAN MANUFACTURERS

OHIO

NILES

Ohio Galvanizing & Manufacturing Co The...Niles 700

ICE CREAM BOXES

ILLINOIS

CHICAGO

Sefton Manufacturing Corporation, 1300 W 35th .....Yards 1403
See our Catalog Space, page 988

NEW YORK

NEW YORK CITY

Grand Union Folding Box Co Inc, (Mnfrs of Ice Cream, Candy & Charlotte Russe Boxes, Cups, Oyster Fry and Folding Boxes of every description), 21-23 E 4th.....Spring 904

ICE CREAM CABINETS

MISSOURI

ST LOUIS

Nelson C Mfg Co, 2317 Division ..... Bell-Bomont 1060 Kinloch-Central 6820

ICE CREAM CONES

MASSACHUSETTS

BOSTON

Columbia Ice Cream Horn Co The, 10 Farnham .....Roxbury 5712

MICHIGAN

DETROIT

Detroit Cone Co, (Mnfrs and Wholesalers, High Grade Cones), 195 Trumbull av..Cherry 6862
Royal Cone Co The (Specializing in quantity shipments. Write for samples), 533 Franklin .....Edgewood 2873

OHIO

CINCINNATI

French Bros Bauer Co The, 108-10 E Liberty Canal 4724

ICE CREAM CONES & ICE CREAM SANDWICH WAFERS

ILLINOIS

CHICAGO

Consolidated Wafer Co, 2622-24 Shields av ..... Calumet 7360
See our Catalog Space, page 961
Tarbell Mfg Co, [illegible] W Illinois.....Franklin 3975

NEW JERSEY

HOBOKEN

Marchiony I, 219-225 Grand.....Hoboken 893

NEW YORK

BROOKLYN

Consolidated Wafer Co, 515-521, Kent av ..... Williamsburg 4888
See our Catalog Space, page 961

ICE CREAM DISHES AND SPOONS

NEW YORK

NEW YORK CITY

Tahl I Inc (Ice Cream Boxes, Paper Doilies, Etc) 319 Canal .....Canal 3916

ICE CREAM FREEZER MNFRS.

MASSACHUSETTS

BOSTON

Whitney F E Co (Mfrs "Boston" Direct-Connected Power Freezers), 65 Sudbury Haymarket 125

ICE CREAM—FRUITS, FLAVORS, COLORS AND SUPPLIES

ILLINOIS

CHICAGO

Sethness Company, 718-724 N Curtis....Monroe 6780

ICE CREAM & POP CORN MACHINES

OHIO

CINCINNATI

Deters F & Co, 1118 Elm.....Canal 1978-X

ICE DEALERS

CONNECTICUT

STAMFORD

Diamond Ice Co, 30 Main.....Stamford 100

ICE HANDLING MACHINERY

ILLINOIS

CHICAGO

Williams N H Engineering & Machinery Agency, 545 W Washington.....Franklin 627

ICE MACHINERY

ILLINOIS

CHICAGO

Kroeschell Bros Ice Machinery Co, 460-472 W Erie .....Superior 8680

ICE MACHINERY—WATER DISTILLING SYSTEMS

ILLINOIS

CHICAGO

Jewell Polar Co, 24-30 S Clinton.....Franklin 5545
See our Catalog Space, page 1022

ICE MAKING & REFRIGERATING MACHINERY

KANSAS

LEAVENWORTH

Fisher Machine Works Co, 4th and Choctaw .....Leavenworth 53

MICHIGAN

DETROIT

Detroit Ice Machine Co, 115-117 State....Cherry 3750

OHIO

CLEVELAND

Phoenix Ice Machine Co The, 2711 Church av .....Harvard 1753

ICE PICKS FOR ADVERTISING

INDIANA

EVANSVILLE

Halsey, Keisling & Miller, 313 Bray av .....Evansville 2600-W

ICE AND REFRIGERATING MACHINE MNFRS.

ILLINOIS

CHICAGO

Carbondale Machine Co The, Manhattan bldg .....Harrison 5643

LOUISIANA

NEW ORLEANS

Carbondale Machine Co The, Title Guarantee bldg .....Main 1847

MARYLAND

BALTIMORE

Carbondale Machine Co The, Continental bldg .....St Paul 2640

NEW YORK

NEW YORK CITY

Carbondale Machine Co The, 50 Church..Cortland 8224

PENNSYLVANIA

CARBONDALE

Carbondale Machine Co The, Carbondale .....Carbondale 23

PHILADELPHIA

Carbondale Machine Co The, Harrison bldg .....Spruce 2927

PITTSBURGH

Carbondale Machine Co The, 1122 Allegheny av .....Cedar 1018

ICE AND REFRIGERATING MACHINERY

IOWA

FORT MADISON

Continental Machine and Foundry Co, Fort Madison 31

MISSOURI

ST LOUIS

Ruemmeli-Dawley Mfg Co, The, 3900 Chouteau av .....Grand 2346

ICE AND REFRIGERATING MACHINES & PLANTS

CALIFORNIA

LOS ANGELES

Vilter Mfg Co The, (C M Gay & Son) 335 Towne .....Main 2869

ILLINOIS

CHICAGO

Vilter Mfg Co The, Monadnock blk....Harrison 1627

NEBRASKA

OMAHA

Baker Ice Machine Co, 20th and Nicholas.Douglas 1361

NEW YORK

NEW YORK CITY

De La Vergne Machine Co, foot of E 138th.Melrose 3200

PENNSYLVANIA

PHILADELPHIA

De La Vergne Machine Co, Commercial Trust bldg ..... Bell-Locust 402 Keystone 1723
Vilter Mfg Co, (W E Hexamer) 932 Chestnut .....Walnut 6747

WISCONSIN

MILWAUKEE

Vilter Mfg Co The, 1016-1026 Clinton...Hanover 111

ICE AND REFRIGERATION SUPPLIES

NEW YORK

NEW YORK CITY

Schwenker W M, Inc, 340-342-344 E 92d..Lenox 435

ILLUMINATING FIXTURES

NEW YORK

NEW YORK CITY

Findlay Robt Mfg Co, 28 Warren.....Barclay 7347
See our Catalog Space, page 970

ILLUMINATING GLASSWARE & METAL REFLECTORS

OHIO

CLEVELAND

Ivanhoe-Regent Works of General Electric Co, 5716 Euclid av.....Rosedale 5760

ILLUSTRATED LETTERS

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl .....Harrison 83
See our Catalog Space, page 908

ILLUSTRATORS

ILLINOIS

CHICAGO

Goldschmidt Robert, 537 S Dearborn....Wabash 2119

NEW YORK

NEW YORK CITY

Hooper Will Phillip, 200 Fifth av.....Gramercy 3112
See our Catalog Space, page 961

OHIO

CLEVELAND

E & W Art Service, Erie bldg.....Prospect 3197

ILLUSTRATORS (FASHION) MAIL ORDER CATALOGS, ETC.

NEW YORK

NEW YORK CITY

Ollendorff Julian Studios, 22 E 17th st and 41 Union Square .....Stuyvesant 615

IMPORT AGENTS & MERCHANTS

NEW YORK

NEW YORK CITY

American Import & Export Corporation (Beans, Bristles, Fibres, Fertilizers, Furs, Gluestock, Gums, Hair, Hides, Meals, Oils, (Vegetable) Produce, Seeds, Skins, Spices, Tallow, Wax), 640 Broadway .....Spring 7237

IMPORT FREIGHT FORWARDERS

LOUISIANA

NEW ORLEANS

Dubu S J Shipping Co Inc (The), Hennen bldg .....Main 3265

IMPORTERS

CALIFORNIA

SAN FRANCISCO

Willits & Co Inc, 16 California.....Sutter 2895

ILLINOIS

CHICAGO

Cosmo Trading Co, Chamber of Commerce..Main 1065
Steinberg Norman L & Co, 14 E Jackson bl.Harrison 1147

NEW YORK

NEW YORK CITY

A B C Export Corporation (Consignments and Foreign Manufacturers' American Representatives), 146 Liberty.....Rector 4495
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Cook N B Oil Company, 148 Front.....John 434
See our Adv. page 1, opposite inside front cover
"Essgee" Co of China Inc The, 621 Broadway .....Spring 9133
Fougera E & Co Inc (French and English Medicines and Pharmaceuticals), 90 Beekman .....Beekman 1170
Jardine, Matheson & Co Ltd, (Importers; Products from China and Japan) 25 Madison av .....Madison Sq 3861
Kern Commercial Company 114 Liberty Rector 4713
Kleppe, Östervold & Co Inc, 11 Broadway .....Bowling Green 9178
Northern Export & Import Co Ltd The, 13-21 Park Row.....Barclay 8898
See our Catalog Space, page 950
Seral Trading Corp (Chinese raw products albumen and yolk) 68 William.....John 6323
Taisho Trading Company The, (Antimony, Copper, Cereals, Bean-Fish Oils), 115 Broadway.Rector 8079

IMPORTERS, COFFEE, COCOA, HIDES, RUBBER, ETC.

NEW YORK

NEW YORK CITY

Hernandez O F Sons & Co, 17 Battery pl..Rector 5678

IMPORTERS, COPRA, FISH AND VEGETABLE OILS

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 148 Front.....John 434
See our Adv, page 1, opposite inside front cover

IMPORTERS—CRUDE RUBBER

NEW YORK

NEW YORK CITY

Ross Frank B & Co, 11 Cliff.....Beekman 1688

IMPORTERS AND EXPORTERS

CALIFORNIA

SAN FRANCISCO

Andersen A O & Co, 244 California.....Sutter 1426
Inukai K Co, 444 Bush.....Sutter 5045
Miwa T Co, Importers of Japanese Products, Steel Exporters, 24 California....Sutter 659
Ohashi Importing Co, 339-41 Commercial.Douglas 1611
Willits & Patterson, (Oriental Oils, Natural Products our Specialty), No 1 Drumm.Kearny 284

LOUISIANA

NEW ORLEANS

Louisiana Importing & Exporting Co, Foreign and Domestic Products, 325 Decatur .... Main 2073

NEW YORK

NEW YORK CITY

Lathrop H R & Co Inc, 110-116 Beekman Beekman 2836
Melchar Walter O, 1431 Broadway.....Bryant 9485

OREGON

PORTLAND

Ban S Co, 32-34 N Third Bell-Broadway 600
.....Automatic-A 1310

IMPORTERS AND EXPORTERS, ORIENTAL

CALIFORNIA

SAN FRANCISCO

Prescott W, 519 California.....Kearny 4718

IMPORTERS—REAL LACES & ART EMBROIDERIES

NEW YORK

NEW YORK CITY

Hamrah Bros, 78 Washington ....Bowling Green 9138

IMPREGNATING APPARATUS

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

IMPRINT PENCILS

NEW JERSEY

JERSEY CITY

Pencil Exchange, 67-73 Fleet.....Montgomery 3473

INCANDESCENT LAMPS

NEW JERSEY

NEWARK

Agens & Co, 219 Market.....Mulberry 144

INCINERATORS FOR GARBAGE WASTE, ETC.

NEW YORK

NEW YORK CITY

Borge Incinerator Corporation Flatiron bldg .....Gramercy 623
Morse-Boulger Destructor Co, 39Cortlandt.Cortland 8185

INCINERATORS, HOSPITALS, SANITARIUMS, MUNICIPALITIES

ILLINOIS

CHICAGO

Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

INCORPORATING COMPANIES

DELAWARE

WILMINGTON

Corporation Company of Delaware (Delaware Corporations Organized. Write for DIGEST) Equitable bldg .....Wilmington 132

INCUBATOR AND BROODER SUPPLIES & PARTS—CONTRACT

INDIANA

TIPTON

Oakes Manufacturing Co The, 216 W Dearborn ..... Tipton 654

INCUBATORS, BROODERS AND EXHIBITION COOPS

OHIO

GREENVILLE

Gem Products Co, Front and Riffle av..Greenville 954

INCUBATORS AND BROODERS—MANUFACTURERS

INDIANA

TIPTON

Oakes Manufacturing Co The, 216 W Dearborn ..... Tipton 654

INDEX CARD SYSTEMS AND SUPPLIES

NEW YORK

NEW YORK CITY

Koller & Smith Company Inc, 159 Leonard.Franklin 980

INDEX CARDS AND OFFICE FORMS

NEW YORK

ELMIRA

Philo E R Co, Lake st.....Elmira 2423

INDEXERS

ILLINOIS

CHICAGO

McNeill T C & Co, 601-607 S Dearborn..Harrison 5786
Wilder C C & Co, 448 S Dearborn.....Harrison 4375

NEW YORK

NEW YORK CITY

Denison D T S, 40 E 22d.....Gramrcy 150

INDIAN RUG MANUFACTURERS

PENNSYLVANIA

CARLISLE

Indian Rug Co, B and Pitt ..... Bell-Carlisle 130
.....Independent-290Y

INDICATORS—STEAM

NEW YORK

NEW YORK CITY

Thompson Richard & Co, 126 Liberty.....Rector 2063

INDIGO IMPORTERS

NEW YORK

NEW YORK CITY

Warehouse Mercantile Co, 24 State.....Broad 3254

INDIRECT (SEMI) LIGHTING FIXTURES FOR ALL PURPOSES

MISSOURI

ST LOUIS

Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

INDUSTRIAL CHEMICALS

ILLINOIS

CHICAGO

Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

NEW YORK

NEW YORK CITY

Innis Speiden & Co, 46 Cliff .....Beekman 4031

INDUSTRIAL ENGINEERS

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson, Incorporated, 1089 Broad .....Barnum 4800

HARTFORD

Fletcher-Thompson, Incorporated, 626 Connecticut st, Mutual bldg .....Bushnell 234

NEW JERSEY

NEWARK

Thompson-Fletcher, Incorporated, 207 Market ..... Market 4467

NEW YORK

NEW YORK CITY

Engel Godfrey Sr Construction Co, 30 Church ..... Cortland 8421
See our Catalog Space, page 1012

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson, Incorporated, Turk's Head bldg .....Union 1989

INDUSTRIAL HOUSE ARCHITECTS

PENNSYLVANIA

PITTSBURGH

Brandt L, Park bldg.....Grant 2541

INDUSTRIAL HOUSE ENGINEERING

PENNSYLVANIA

PITTSBURGH

Brandt L, Park bldg.....Grant 2541

INDUSTRIAL LIGHTING FIXTURES

ILLINOIS

CHICAGO

Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 6161

INDUSTRIAL PROCESS TIMING DEVICES

PENNSYLVANIA

PHILADELPHIA

Graves Timing Devices Co, 2630 Parkway..Poplar 3764
See our Catalog Space, page 1016

INDUSTRIAL SIGNALS

ILLINOIS

CHICAGO

Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 6161

INDUSTRIAL SITES

MISSOURI

ST LOUIS

St Louis Chamber of Commerce, 510 Bell-Main 4620
Locust ..... Kinloch-Central 7565
See our Catalog Space, page 902

INFANTS' BIBS, TOWELS, FACE CLOTHS, PILLOW SLIPS

NEW YORK

NEW YORK CITY

Cordes Fred W, 41 Union Square.....Stuyvesant 4662

INFANTS' BONNETS

NEW YORK

NEW YORK CITY

Lancet M & Son, 74 Tompkins av, Bklyn.Wmsburg 3677

INFANTS' & CHILDREN'S HEADWEAR

NEW YORK

NEW YORK CITY

Bauer Max, Inc, (From Popular Price to the Best), 29 East 22d.....Gramercy 622

INFANTS, CHILDRENS AND MISSES HATS (MFRS.)

NEW YORK

NEW YORK CITY

Steinthal L & Bro, 902-910 Broadway at 20th st.....Gramercy 792

INFANTS' FRENCH PAINTED TOILET SETS—MNFRS.

NEW YORK

NEW YORK CITY

"Ipex", 40-42 E 19th.....Gramercy 4663

TS' RIBBON NOVELTIES & HAND PNT'D T'LT. SETS—MFRS.

NEW YORK

NEW YORK CITY

"Ipex", 40-42 E 19th.....Grameroy 4663

INFUSORIAL (TRIPOLI) EARTH

NEW YORK

NEW YORK CITY

Oxford Tripoli Sales Co Inc, 11 Broadway .....Bowling Green 8850

INGOTS (ALUMINUM, PURE & ALLOYS)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce...Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

INGOTS, BRONZE PHOSPHOR

PENNSYLVANIA

PHILADELPHIA

Phosphor Bronze Smelting Co The, 2200 Washington av .....Dickinson 870
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INGOTS—HEAVY OPEN HEARTH FORGING

NEW YORK

NEW YORK CITY

Sweets Steel Company (J H Finch, District Sales Mgr), 2 Rector.....Rector 440

OHIO

CLEVELAND

Cushman H D Co, Rockefeller bldg.....Main 1871

PENNSYLVANIA

PHILADELPHIA

Sweets Steel Co, Land Title bldg.....Locust 147

WILKES BARRE

Sweets Steel Co, Miners Bank bldg..Wilkes Barre 3667

WILLIAMSPORT

Sweets Steel Company, 25 W 3d....Williamsport 1286

INJECTORS—MNFRS.

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

NEW YORK

BUFFALO

Sherwood Mnfg Co, 1710 Elmwood av.....North 2603

INK CANS

NEW YORK

NEW YORK CITY

Pelletier Napoleon, 2d nr Broad, Maspeth, Bklyn .....Newtown 1760

INK COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

INK STAND MNFRS.

NEW YORK

NEW YORK CITY

Weeks Frank A Mnfg Co, 93 John.....Greeley 6181

INKS

ILLINOIS

CHICAGO

Kirk's Ink Co, 2316 W Harrison.....West 1122

OHIO

COLUMBUS

Commercial Paste Co, The, 533 S High .....Bell-Main-7222 Ohio State 4937

INKS, DRY POWDERED FORM

ILLINOIS

CHICAGO

Finger R Co The, 2905-07 W Madison...VanBuren 2143

INKS, DUPLICATOR—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine.New Brunswick 546

INKS, MARKING AND STENCILING

CALIFORNIA

SAN FRANCISCO

Diagraph Stencil Machine Corp, Wells Fargo bldg ..... Sutter 809
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Garvey's Inks & Brushes (E C Buehrer Co) 20 Davis.....Sutter 4594
Ideal Stencil Machine The (E C Buehrer Co), 20 Davis .....Sutter 4594
See our Catalog Space, page 1010

GEORGIA

ATLANTA

Garvey's Inks & Brushes, D D Felton Brush Co 392½ Edgewood .....Ivy 4053

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co The, 52 Ideal blk ..... Belleville 162
See our Catalog Space, page 1010

CHICAGO

Diagraph Stencil Machine Corp, 808 W Congress ..... Monroe 4637
See our Catalog Space, page 1010
Garvey's Inks & Brushes (B-B Shippers Supply Co), 17 E Lake .....Majestic 8342
Ideal Stencil Machine The (B-B Shippers Supply Co), 17 E Lake .....Majestic 8342
See our Catalog Space, page 1010
United States Crayon Co, (Not Inc), 2249 Lincoln ..... Lincoln 1298

INDIANA

INDIANAPOLIS

Garvey's Inks & Brushes (J H Winn), 2822 Paris av ..... North 6349

MASSACHUSETTS

BOSTON

Diagraph Stencil Machine Corp, 19 Pearl..Main 5154-M
See our Catalog Space, page 1010
Garvey's Inks & Brushes (Allen, Doane Co), 29 Cornhill ..... Haymarket 739

MISSOURI

ST LOUIS

Diagraph Stencil Machine Corp, 902 Clinton.Tyler 2798
See our Catalog Space, page 1010
Garvey Fountain Brush & Ink Co, 7th & Howard .....Tyler 365

NEW YORK

NEW YORK CITY

Binney & Smith Co, 81 Fulton.....Beekman 4020
Botts Marking Ink Co The, 330 Pearl...Beekman 4639
See our Catalog Space, page 961
Diagraph Stencil Machine Corp, 96 Warren.Barclay 5187
See our Catalog Space, page 1010
Garvey's Inks & Brushes (W H Alexander), 66 Leonard ..... Franklin 1329
Ideal Stencil Machine The (W H Alexander), 66-72 Leonard ..... Franklin 1329
See our Catalog Space, page 1010

PENNSYLVANIA

PHILADELPHIA

Decker Geo C, 15-17 S Third.....Lombard 140
Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Garvey's Inks & Brushes (W H Alexander), The Bourse .....Lombard 490 Main 75-6617
Ideal Stencil Machine The (W H Alexander) The Bourse ..... Lombard 490
See our Catalog Space, page 1010

UTAH

SALT LAKE CITY

Ideal Stencil Machine The (Salt Lake Stamp Co) 65 W Broadway ..... Washington 3097 Washington 3098
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INKS AND MUCILAGE

PENNSYLVANIA

PHILADELPHIA

Diamond John & Sons, 470 N 3d.....Market 2155

INKS, PRINTING

GEORGIA

SAVANNAH

Southern Oil & Chemical Co, Savannah Bank & Trust bldg.....Savannah 907

INKS—PRINTING & LITHOGRAPHING

NEW YORK

NEW YORK CITY

Kern Commercial Company 114 Liberty..Rector 4713

INNER TUBES

NEW JERSEY

TRENTON

Semple Rubber Company, 114 Murray....Trenton 1267

INSECT EXTERMINATORS

FLORIDA

TAMPA

United Chemical Co The, 1403 Franklin..Tampa 3151

NEW YORK

NEW YORK CITY

Brown's Insecticide Co, 204 East 44th.Murray Hill 2271
Opitz John Inc, 183 E 3rd.....Orchard 2061

OHIO

CINCINNATI

Rose Rat Exterminator Co, 125 West Court.Canal 31

INSECT & VERMIN EXTERMINATORS

NEW YORK

NEW YORK CITY

Ortner Charles, 310 W 125th .....Morningside 6904

INSECTICIDES

MISSOURI

KANSAS CITY

K C Disinfecting & Mfg Co, 112-14 West 7th .....Bell-Main 707 Home-Main 775

NEW YORK

NEW YORK CITY

Brown's Insecticide Co, 204 East 44th.Murray Hill 2271

INSECTICIDES (NICOTINE AND TOBACCO EXTRACT)

KENTUCKY

HENDERSON

American Nicotine Co Inc, Glass Alley Henderson 54-J

INSECTICIDES & DISINFECTANTS

PENNSYLVANIA

PHILADELPHIA

Victory Chemical Co, ("Quick Death"), 312 N 15th .....Spruce 3605

INSECTICIDES, LIQUID & POWDER

MINNESOTA

ST PAUL

Ideal Sanitary Supply Co, 504 N Snelling av .....Bell-Midway 5594 Tri State 81288

INSERTS—CONCRETE

ILLINOIS

CHICAGO

Star Expansion Bolt Co, 120 W Lake.....Main 2649

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar.....Rector 4655

INSERTS, CONCRETE, EXPANSION BOLTS AND ANCHORS

NEW YORK

NEW YORK CITY

Richmond Screw Anchor Co, World bldg.Beekman 4000

INSPECTION BUREAUS

BRITISH COLUMBIA

VANCOUVER

Hunt Robert W & Co, Ltd, Standard Bank bldg .....Seymour 2199

CALIFORNIA

SAN FRANCISCO

Hunt Robert W & Co, 251 Kearney.....Kearney 4635

CANADA

MONTREAL, QUEBEC

Hunt Robert W & Co, Ltd, McGill bldg.....Main 4723

TORONTO, ONTARIO

Hunt Robert W & Co, Ltd, Traders Bank bldg .....Main 6015

ENGLAND

LONDON

Hunt Robert W & Co, Norfolk House, Cannon st, E C .....City 7372

ILLINOIS

CHICAGO

American Bureau of Inspection & Tests The, Monadnock blk .....Harrison 7349
Flood Walter H, 3725 Langley av.....Douglas 2045
Hunt Robert W & Co General Offices, Insurance Exch .....Wabash 872

MISSOURI

KANSAS CITY

Hunt Robert W & Co, Orear-Leslie bldg.....Main 2737

ST LOUIS

Hunt Robert W & Co, Syndicate Trust bldg...Olive 1884

NEW YORK

NEW YORK CITY

Hunt Robert W & Co, 90 West.....Rector 3709

OHIO

CINCINNATI

Hunt Robert W & Co, Gerke bldg.....Canal 5413

PENNSYLVANIA

PITTSBURGH

Hunt Robert W & Co, Monongahela Bank bldg .....Grant 1478

TEXAS

DALLAS

Hunt Robert W & Co, Busch bldg.....Main 4657

WASHINGTON

SEATTLE

Hunt Robert W & Co, Metropolitan bldg.....Main 563

INSPECTION & TESTS

NEW YORK

NEW YORK CITY

Electrical Testing Laboratories, 80th & East End av .....Lenox 5513

INSTRUMENT, METAL AND TEMPERATURE TESTING

Shore Instrument & Mfg Co Inc, 555-557 W 22d .....Chelsea 3252

INSTRUMENTS, METAL TESTING

NEW YORK

NEW YORK CITY

Holz Herman A, 1 Madison av.....Gramercy 181

INSULATING MATERIALS

ILLINOIS

CHICAGO

Fleig L L & Co, 216 W Austin av.....Franklin 2637
Redmanol Chemical Products Co The, 636 W 22d .....Canal 6700

NEW JERSEY

IRVINGTON

Irvington Varnish & Insulator Co, Tremont Terrace .....Waverly 3366

NEWARK

Shaw Insulator Co, 5 Kirk pl.....Market 1575

INSULATING VARNISHES

NEW JERSEY

PERTH AMBOY

New Jersey Wood Finishing Co, Lehigh av .....Perth Amboy 294

INSULATION, COLD STORAGE

ILLINOIS

CHICAGO

Union Insulating Co, 20 W Jackson bl...Harrison 1848

MINNESOTA

ST PAUL

Northern Insulating Co.....Bell-Midway 6100
.....Tri State 82023

INSULATION, COLD STORAGE ROCK CORK

INDIANA

ALEXANDRIA

Banner Rock Products Co, Belmont & L E & W.....Main 56

INSULATION, PORCELAIN ENAMELING ON STEEL-ACIDPROOFING

NEW YORK

NEW YORK CITY

Manhattan Dial Mfg Co, 40 Lexington av Bklyn .....Prospect 1830

INSURANCE

ALABAMA

MOBILE

Goodman Jno O & Co, 52 St Joseph.....Mobile 700

ILLINOIS

CHICAGO

Baylies Harry L, 80 E Jackson bl.....Harrison 2382
Lemay W G & Co Inc, 175 W Jackson bl..Wabash 522
Rollins, Burdick & Hunter Co, 175 W Jackson bl .....Wabash 831

MINNESOTA

MINNEAPOLIS

Hood Agency Inc The, Phoenix bldg .....Bell-Main 621 Tri State 38344
Jones Davis Agency, McKnight bldg .....Bell-Main 1804 Tri State 37628

NEW YORK

NEW YORK CITY

Rollins, Burdick & Hunter Co, 80 Maiden Lane ..... John 2760

INSURANCE ADJUSTERS FOR THE INSURED

CALIFORNIA

LOS ANGELES

Peckham & Mangson & Co Inc, 456 S Spring st ..... Manual-Broadway 880 Home-Automatic 4040

INSURANCE BROKERS

NEW YORK

NEW YORK CITY

Feingold Lewis M, 123-133 William ..... John 2282
Fuerst William F Inc, 87 Nassau ..... Cortland 1633
Whittaker Thos. E, 87 Maiden Lane ..... John 3035

INSURANCE BROKERS & AGENTS

NEW YORK

NEW YORK CITY

Hollister L T Inc, 92 William ..... John 3340
Squire Company Inc, 1 Liberty ..... John 5243

INSURANCE COMPANIES, ACCIDENT

CONNECTICUT

HARTFORD

Travelers Insurance Company The (Branch Offices in all Large Cities) 700 Main..Charter 1930

INSURANCE COMPANIES, AUTOMOBILE

CONNECTICUT

HARTFORD

Travelers Insurance Company The (Branch Offices in all Large Cities) 700 Main..Charter 1930

INSURANCE COMPANIES, COMPENSATION & LIABILITY

CONNECTICUT

HARTFORD

Travelers Insurance Company The (Branch Offices in all Large Cities) 700 Main..Charter 1930

ILLINOIS

CHICAGO

Nordhem-Mersbach Co, 29 S Lasalle ..... Central 8140

INSURANCE COMPANIES—CORPORATION AND FIRM

PENNSYLVANIA

PHILADELPHIA

Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

INSURANCE COMPANIES, FIRE

NEW JERSEY

TRENTON

Standard Fire Ins Co of New Jersey, The, 15 W State ..... Trenton 843

INSURANCE CO'S. INCOME, DISABILITY, INHERITANCE

PENNSYLVANIA

PHILADELPHIA

Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

INSURANCE COMPANIES, INDEMNITY

CONNECTICUT

HARTFORD

Travelers Insurance Company The (Branch Offices in all Large Cities) 700 Main..Charter 1930

INSURANCE COMPANIES, LIFE

CONNECTICUT

HARTFORD

Travelers Insurance Company The (Branch Offices in all Large Cities) 700 Main..Charter 1930

INDIANA

INDIANAPOLIS

Indiana Nat'l Life Insurance Co, 316 N Meridian ..... Bell-Main 2588 Automatic 23513

NEW HAMPSHIRE

CONCORD

United Life & Accident Ins Co, United Life bldg ..... Concord 740

PENNSYLVANIA

PHILADELPHIA

Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
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INSURANCE—INCOME, INHERITANCE, SUR TAX

DELAWARE

WILMINGTON

Keen Walter G, DuPont bldg ..... Wilmington 677
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INSURANCE OF EVERY DESCRIPTION

MASSACHUSETTS

BOSTON

Paige John C & Co, 65 Kilby ..... Main 5231

NEW YORK

NEW YORK CITY

Paige John C & Co, 115 Broadway ..... Rector 9877

INSURANCE—SUR-TAX

PENNSYLVANIA

PHILADELPHIA

Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

INTERIOR DECORATORS

CONNECTICUT

GREENWICH

Norris A J & Co, 67-69 Arch ..... Greenwich 818

ILLINOIS

CHICAGO

Nelson W P Co, 614 S Michigan av ..... Harrison 5073
Weber John J, 8 S Dearborn ..... Randolph 4558

NEW YORK

NEW YORK CITY

Nelson W P Co, 209 W 33d ..... Greeley 6626

INTERIOR FINISH

MICHIGAN

NILES

Original Cabinet Co, Howard and Ninth ..... Niles 15

MINNESOTA

DULUTH

Scott-Graff Lbr Co, 2402 W Michigan ..... Bell-Melrose 9359 Zenith-Lincoln 430

INTERIOR FINISHERS (WOOD)

ILLINOIS

CHICAGO

Schweizer & West Mfg Co, 310-322 N Ada. Monroe 1839

INTERIOR AND EXTERIOR HOUSE TRIM

NEW YORK

WHITE PLAINS

Kelsey Smith & Co, Westmoreland av. White Plains 655

INTERMEDIATES

NEW YORK

NEW YORK CITY

American Aniline Products Inc, 80, 5th av. Chelsea 9500

INVALID CHAIR DEALERS

ILLINOIS

CHICAGO

Marshall C E, 3449 Cottage Grove av ..... Douglas 3300

INVALID SUPPLIES

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 W 27th ..... Chelsea 5449
Watters Laboratories The, 53-55, 5th av Stuyvesant 746

INVALIDS' CHAIRS, BEDS AND APPLIANCES

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th..Stuyvesant 2523
See our Catalog Space, page 960

INVENTIONS DEVELOPED

ILLINOIS

CHICAGO

King R D, Monadnock blk ..... Wabash 4897

MISSOURI

ST LOUIS

Fisher Adam Mfg Co, Railway Exchange ..... Olive 4236

INVENTIONS (DEVELOPING AND BUILDING OF)

KANSAS

WICHITA

Reschke Machine Works Co The, 908 N Washington ..... Market 584

INVENTIONS, ELECTRICAL—DEVELOPED AND PERFECTED

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl ..... Main 1904
See our Catalog Space, page 945

INVESTIGATIONS

CALIFORNIA

LOS ANGELES

Fidelity Mercantile Agency, Citizens National Bank bldg ..... Manual-Main 534 Automatic 66662

INVESTMENT BANKERS

MASSACHUSETTS

BOSTON

Brooks P W & Co Inc, 95 Milk ..... Main 7454

NEW YORK

NEW YORK CITY

Brooks P W & Co Inc, 115 Broadway ..... Rector 1432

PENNSYLVANIA

PHILADELPHIA

Brooks P W & Co Inc, N Stock Ex bl ..... Spruce 4340

INVESTMENT SECURITIES

ILLINOIS

CHICAGO

Greenebaum Sons Bank & Trust Company 1-11 S Lasalle ..... Randolph 560

MISSOURI

ST LOUIS

Edwards A G & Sons, 412 Olive ..... Main 3380

NEW YORK

NEW YORK CITY

Mandeville H L, 120 Broadway ..... Rector 7558

PENNSYLVANIA

PITTSBURGH

Glass C L & Co, Vandergrift bldg ..... Bell-Court 3663 P & A-Main 1227
Moore Chas R & Co, Standard Life bldg ... Court 3993

INVESTORS' LISTS

NEW YORK

NEW YORK CITY

Boyd's City Dispatch, 19 Beekman ..... Beekman 4540

IRON

NEW YORK

NEW YORK CITY

Standard Iron Works Inc, 508-510 East 74th ..... Rhinelander 2756
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OHIO

CINCINNATI

West End Rag, Iron & Metal Co, 1212-14 Gest ..... West 1193

IRON (GENUINE OPEN HEARTH)

KENTUCKY

NEWPORT

Newport Rolling Mill Co, 9th and Lowell .. South 3151

IRON ARCHITECTURAL AND ORNAMENTAL

ILLINOIS

CHICAGO

Tyler W S Company The, McCormick bldg ..... Harrison 8860

MASSACHUSETTS

BOSTON

Tyler W S Company The, 68 Devonshire. Fort Hill 2667

NEW YORK

BUFFALO

Feine August & Sons Co, 152 Terrace .. Seneca 5187
Tobol Iron Works, 201 Loepere ..... Oxford 3686-W

NEW YORK CITY

Tyler W S Co The, 200 Fifth av ..... Gramercy 4595

SYRACUSE

Syracuse Standard Iron Works Co, 315½ Burt ..... Warren 2808-W

OHIO

CLEVELAND

Tyler W S Company The ..... Prospect 1673

IRON BARS

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market. Danville 21

IRON BEAMS

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877, 620 E 14th ..... Forsyth 9280

IRON BOXES

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle ..... Main 758

IRON AND BRASS WIRE WORK

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

IRON CASTINGS

CONNECTICUT

STAMFORD

H & H Foundry Co, The, 268 Atlantic ... Stamford 1650

ILLINOIS

DECATUR

Decatur Pump & Mfg Co, 360-380 E Cerro Gordo ..... Decatur 2972

NEW JERSEY

EAST ORANGE

Smith A P Mfg Co, The, Norman and Lawrence ..... Orange 6000

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles ..... Union 963

IRON CASTINGS (GREY) LIGHT & MEDIUM MACHINE

PENNSYLVANIA

BRISTOL

Harkins T B Foundry Co, Dorrance & Canal. Bristol 67

IRON CEMENTS FOR BOILERS, STEAM PIPES, CASTINGS, ETC.

NEW JERSEY

JERSEY CITY

Smooth-On Mnfg Co, 572 Communipaw av. Bergen 76

IRON DOORS, SIDEWALK

NEW YORK

BUFFALO

Ernst Chas K 1003 E Ferry ..... Oxford 2240-W

IRON DOORS & SHUTTERS, FOLDING, COILING OR GEARED

NEW YORK

NEW YORK CITY

Cornell Iron Works, 26th and 11th av .. Chelsea 1423

IRON ERECTORS—ORNAMENTAL, IRON BRONZE CASEMENTS SASH

ILLINOIS

CHICAGO

De Groot Cecil, Monadnock blk ..... Harrison 6371

IRON FENCE BUILDERS

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th ..... Bell-Woodruff 177 Automatic 41-331

IRON FENCES

ILLINOIS

CHICAGO

Smith F P Wire & Iron Works, 54 W Lake ..... Central 438

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th ..... Bell-Woodruff 177 Automatic 41-331

IRON FENCES, RAILINGS, GATES, ETC.

CONNECTICUT

HARTFORD

Anchor Post Iron Works, 902 Main ..... [illegible]-Main 18 [illegible]ri State 3762

MASSACHUSETTS

BOSTON

Anchor Post Iron Works, 79 Milk.....Fort Hill 2359

MICHIGAN

DETROIT

Michigan Iron & Wire Works Sheridan and St Paul avs .....Edgewood 107

NEW YORK

NEW YORK CITY

American Fence Construction Co, Church cor Barclay .....Barclay 6753
Anchor Post Iron Works, 163 Broadway..Cortland 4886
Brook A T Fence Co, 37 Barclay.....Barclay 6278

OHIO

CLEVELAND

Anchor Post Iron Works, New Guardian bldg, 627 Euclid av.....Main 5955

PENNSYLVANIA

PHILADELPHIA

Anchor Post Iron Works, Real Estate Trust Co bldg, Broad and Chestnut....Walnut 4633

IRON FENCING AND WIRE FENCING

NEW YORK

NEW YORK CITY

Fiske J W Iron Works, 78-80 Park pl...Barclay 6730

IRON FOR EXPORT—ALL CLASSES

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

IRON, ORNAMENTAL

MASSACHUSETTS

BOSTON

American Architectural Iron Works, 121 Liverpool .....East Boston 295

IRON, ORNAMENTAL, GRILLES, DOORS, RAILINGS, FENCES,

PENNSYLVANIA

LANCASTER

Kaihler Samuel N, 536-538 Penn av.Lancaster 2031-G

IRON PIPE COILS

ILLINOIS

CHICAGO

Rempe Co, Sacramento and Carroll avs..Kedzie 483

IRON RISERS & TREADS FOR STAIRS

NEW YORK

NEW YORK CITY

Riser & Moulding Co Inc, Thomas and Stewart av, Bklyn.....Greenpoint 2771
Standard Steel Sections Inc, 608 E 133d.Melrose 1966
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IRON, SCRAP

ILLINOIS

CHICAGO

Briggs & Turivas, 110 S Dearborn.....Randolph 1656

NEW YORK

NEW YORK CITY

Brennan Bros, 459 W 18th.....Chelsea 3011
Leaf E B Co, 50 Church.....Cortland 2656
Salzberg H E & Co, 80 Church.....Cortland 684
Sterling Iron & Steel Co, 943 Courtlandt av .....Melrose 2403

OHIO

TOLEDO

Kasle Abe & Co, 1101-1103 Elm.Ohio State-Main 4535

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

IRON, SCRAP AND JUNK

OHIO

TOLEDO

Goldstein D & Son, 524-26 E Woodruff av .....Ohio State-Main 5611

IRON, SCRAP AND PAPER

OHIO

TOLEDO

Mostov Sam, 837 Champlain Bell-Main 4948
.....Ohio State-Main 3285

IRON SILOS, TANKS, BINS K. D. DURO RUST RESISTING

OHIO

MIDDLETOWN

Fouts C C Co The, Woodlawn and B & O Ry .....Middletown 54

IRON STAIRS

ILLINOIS

CHICAGO

Guaranty Iron & Wire Co, 2851 W Lake..Garfield 7259
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

MASSACHUSETTS

BOSTON

American Architectural Iron Works, 121 Liverpool .....East Boston 295

IRON STAIRWAYS—SPIRAL

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

IRON AND STEEL

COLORADO

DENVER

Federal Tool & Alloyed Steel Corporation, Boston bldg .....Champa 4206

ILLINOIS

CHICAGO

Federal Tool & Alloyed Steel Corporation, 217 N Desplaines.....Monroe 5306
Spear William H Co, First Nat Bank bldg.Central 778
Stevens Chas G Co, Monroe and Jefferson...Main 2388

LOUISIANA

NEW ORLEANS

Federal Tool & Alloyed Steel Corporation, Metropolitan bldg .....Main 437

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis.....Mt Vernon 980

MASSACHUSETTS

BOSTON

Federal Tool & Alloyed Steel Corporation, 201 Devonshire .....Main 3282
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

NEW YORK

BUFFALO

Beals, McCarthy & Rogers, 40-62 Terrace..Seneca 2820

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church..Cortland 6424
Brushaber C H & Co Inc, 30 Church...Cortland 1868
Commercial Iron & Steel Corp, 115 Broadway ..... Rector 5101
Federal Tool & Alloyed Steel Corporation, 12 Platt .....John 6480

OHIO

CLEVELAND

Federal Tool & Alloyed Steel Corporation, 1280 Ontario .....Main 4599

PENNSYLVANIA

PHILADELPHIA

Commercial Iron & Steel Corp, Rl Est Trust bldg .....Filbert 3210
Federal Tool & Alloyed Steel Corporation, (R M Baily Co), Commercial Trust bldg.Spruce 566

PITTSBURGH

Commercial Iron & Steel Corp, First National Bank bldg .....Court 3556
Davis C & Co, House bldg.....Court 3777

IRON AND STEEL (BARS)

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg .....Harrison 8300
Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Bway..Cortland 8110
Crouch W J Co Inc, 253 Broadway.....Barclay 4216

PENNSYLVANIA

PHILADELPHIA

Nicetown Plate Washer Co, Juniata and Clarissa .....Wyoming 540

IRON AND STEEL (GALVANIZED BARS AND BANDS)

ILLINOIS

CHICAGO

Standard Galvanizing Co, 2619 W VanBuren.West 147

IRON & STEEL—EXPORT SHIPMENTS, BARS, SHEETS, ETC.

NEW YORK

NEW YORK CITY

Railway Specialties Corp, 30 Church....Cortland 3602

IRON AND STEEL FOR EXPORT (ALL CLASSES)

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

IRON, STEEL AND HEAVY HARDWARE

MASSACHUSETTS

CAMBRIDGE

Sanderson E P Co, Third and Binney..Cambridge 6000

IRON, STEEL, HEAVY HARDWARE AND BLACKSMITH SUPPLIES

KENTUCKY

PADUCAH

Paducah Iron Co The, 124-26 S 3d.Paducah 282-W-282

IRON AND STEEL MERCHANTS

ILLINOIS

CHICAGO

Dearborn Steel & Iron Co, 122 S Michigan av .....Harrison 1251
Steel Sales Corp, 129 S Jefferson.....Franklin 4280

PENNSYLVANIA

ERIE

Miner-Morse Corp, cor Ashland and 15th....Erie 90

PITTSBURGH

Ross Charles C, Farmers Bank bldg.....Grant 3046

IRON, STEEL AND METALS

CONNECTICUT

NEW HAVEN

Regan Joseph M, (Dealers in new & scrap iron, steel & Metals), Foot of ExchangeLiberty 6229

IRON & STEEL SCRAP

CONNECTICUT

NEW BRITAIN

Shurberg S, 63-91 Franklin.....New Britain 1107-2

MICHIGAN

DETROIT

Frank Bros Iron & Metal Co, E Grand bl and Orleans .....North 4529

OHIO

CLEVELAND

McCarthy W B, Rose bldg.....Main 616

PENNSYLVANIA

PHILADELPHIA

Dreifus Emanuel & Co Inc, Commercial Trust bldg .....Spruce 2330

IRON STORE FRONTS

ILLINOIS

CHICAGO

Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

IRON, STRUCTURAL AND ARCHITECTURAL

ILLINOIS

CHICAGO

Duffin Iron Co, 4837-55 S Kedzie av.....McKinley 732

IRON VENTILATORS, DOMES, CEILING LIGHTS FOR CHURCHES

NEW YORK

NEW YORK CITY

Chernin & Mollov, 485 Gates av, Bklyn..Decatur 5482

IRON AND WIRE WORK

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026
Chicago Wire Iron & Brass Works The, 2340 Nelson .....Wellington 6676

IRON AND WOOD TANKS—NEW—USED

NEW YORK

NEW YORK CITY

Brooklyn Paper Mills, 96-98 Jay, Bklyn....Main 1395

IRON WORK, ARCHITECTURAL AND ORNAMENTAL

ILLINOIS

CHICAGO

Manton & Smith Company, 1709 W Austin av .....Haymarket 6145

MASSACHUSETTS

CAMBRIDGE

West End Iron Works, 153 First....Cambridge 3756-M

IRON WORK FOR BUILDING

ILLINOIS

CHICAGO

Chicago Iron & Steel Co, 733 Fulton....Monroe 3612
Holmes, Pyott & Co, 159 N Jefferson.....Franklin 1386

KANSAS

WICHITA

Western Iron & Foundry Co, 702 E 2nd.Wichita 806

IRON WORK, ORNAMENTAL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036
Ohio State-Princeton 222

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

IRON WORK, ORNAMENTAL—FENCES, GATES, RAILINGS, ETC.

ILLINOIS

CHICAGO

Schenk's Iron Works, 2002 Clybourn av..Lincoln 8737

IRON WORKING MACHINERY

ILLINOIS

CHICAGO

Federal Machinery Sales Co, 12 N Jefferson .....Monroe 4661

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre .....Canal 642

IRON WORKS

ILLINOIS

CHICAGO

Acorn Wire & Iron Works, 5912-5918 Lowe av .....Normal 9447
Gage Structural Steel Co, 3123-3141 S Hoyne av .....Drover 8710
Holmes, Pyott & Co, 159 N Jefferson....Franklin 1386
Smith F P Wire & Iron Works, 54 W Lake.Central 438
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

NEW HAMPSHIRE

MANCHESTER

Lyons F P Iron Works, 319 Elm.....Manchester 2593

IRON WORKS, STRUCTURAL & ORNAMENTAL

ILLINOIS

QUINCY

Michlemann Steel Construction Co, Second and Hempshire .....Main 556

NEW YORK

NEW YORK CITY

Engineering Iron Works, 211, 3d av Bklyn...South 5195
Mirkin A, 683 Rockaway av, Bklyn.....East N Y 2117

IRON WORKS, STRUCTURAL, ORNAMENTAL & FOUNDRY

KANSAS

TOPEKA

Topeka Foundry & Iron Works, 318 Jackson.Topeka 499

IRON, WROUGHT (MNFRS.)

ILLINOIS

CHICAGO

Steel Supply Co The, 125 N Jefferson....Franklin 1184

IRON, WROUGHT IRON WK. FOR PLBRS. & ROOFERS, MNFRS.

NEW YORK

NEW YORK CITY

Stein's S Wrought Iron Works, 63 N Henry, Bklyn .....Greenpoint 2997

IRONING MACHINES, ELECTRIC

ILLINOIS

CHICAGO

American Ironing Machine Co, 168 N Michigan av .....[illegible]-Main 18
[illegible]ri State 376[illegible]

IRONING MACHINES, ELECTRIC GAS & GASOLINE HEATED

ILLINOIS

CHICAGO

Apex Appliance Co, 3223-35 W 30th....Rockwell 2284

IRONING MACHINES, GAS & GASOLINE HEATED

ILLINOIS

CHICAGO

American Ironing Machine Co, 168 N Michigan av .....Randolph 1064
Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

ITALIAN PRODUCTS

MASSACHUSETTS

BOSTON

Dagnino J R Co, 61 Fulton.....Richmond 996
Italian Importing Co, 41 Fulton.....Richmond 957

IVORY JEWELRY

NEW YORK

NEW YORK CITY

Weidemann Carl H, 150 Nassau.....Beekman 4905

IVORY SUBSTITUTES

CALIFORNIA

SAN FRANCISCO

Arlington Company (Ivory Py-ra-lin) 718 Mission .....Kearny 2704

ILLINOIS

CHICAGO

Arlington Company (Ivory Py-ra-lin) 14 W Franklin.....Main 1932

MASSACHUSETTS

BOSTON

Arlington Company (Ivory Py-ra-lin) 84-86 Essex .....Beach 3049

MISSOURI

ST LOUIS

Arlington Company (Ivory Py-ra-lin) 505 North 7th.....Olive 1054

NEW YORK

NEW YORK CITY

Arlington Company (Ivory Py-ra-lin) 725 Broadway .....Spring 9900

PENNSYLVANIA

PHILADELPHIA

Arlington Company (Ivory Py-ra-lin) 900 Chestnut .....Walnut 381

IVORY SUBSTITUTES, MANICURE & TRAVELING SETS PREMIUMS

NEW YORK

NEW YORK CITY

Riser & Mo[illegible] Stewart av[illegible]ein Co Inc (Catalogue Standard Steel[illegible] 15 W St[illegible] West Houston.....Spring 2367

JACK MNFRS. R. R. & GENL PURPOSES, AUTO MOTOR TRUCKS

OHIO

ALLIANCE

Buckeye Jack Mfg Co The, Gaskill Road .....Bell-Alliance 466 Ohio State 2152

JACKS, DOLLY, FOR AUTOS AND GARAGES

MINNESOTA

MINNEAPOLIS

Mid-West Mfg Co, 136-8 N 12th .....Bell-Nicollet 7507 Tri-State 32218

JACKS, HYDRAULIC—PUNCHES, ETC.

NEW YORK

NEW YORK CITY

Watson-Stillman Co The, 50 Church...Cortland 8470

JACKS, RATCHET, GEARED, POLE PULLING & EMERGENCY

ILLINOIS

CHICAGO

Templeton, Kenly & Co, Ltd (Simplex Jacks) 1020 S Central av.....Austin 694

JACKS, SCREW, RATCHET, HYDRAULIC, ETC.

CALIFORNIA

SAN FRANCISCO

Duff Mfg Co The, (Worlds Largest Jack Manufacturers), Monadnock bldg.....Kearny 2251

GEORGIA

ATLANTA

Duff Mfg Co The, (Worlds Largest Jack Manufacturers), Candler bldg.....Ivy 3634

ILLINOIS

CHICAGO

Duff Mfg Co The, (Worlds Largest Jack Manufacturers), Peoples Gas bldg....Harrison 820

MINNESOTA

ST PAUL

Duff Mfg Co The, (Worlds Largest Jack Manufacturers), Merchants Bank bldg .....Bell-Cedar 1030 Tri State 22030

NEW YORK

NEW YORK CITY

Duff Mfg Co, The, (Worlds Largest Jack Manufacturers) 50 Church .....Cortland 3033

PENNSYLVANIA

PITTSBURGH

Duff Mfg Co, The (Worlds Largest Jack Manufacturers), Preble av.....Neville 1156

JACKS—STEAMBOAT RATCHET

PENNSYLVANIA

PITTSBURGH

Gracey R & Sons Co, 113-115 First av .....Bell-Court 1229 P & A-Pitt 5741

JAIL WORK

OHIO

CLEVELAND

Van Dorn Iron Works Co, The, 26[illegible] East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

JANITOR, PORTER & BAR SUPPLIES, SWEEPING COMPOUND

OHIO

TOLEDO

Toledo Janitors Supply Co, Berlin Block 104 Jackson .....Bell-Main 1879 Ohio State-Main 1497

JANITOR & PORTER SUPPLIES

ILLINOIS

CHICAGO

Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

JANITORS' CLEANING MATERIALS

MICHIGAN

DETROIT

American Janitor Supply Co, 313-315 Jefferson av E .....Main 1582

JANITORS' SUPPLIES

ILLINOIS

CHICAGO

American Standard Mfg Co, 2268 Archer av Calumet 3965

MISSOURI

KANSAS CITY

K C Disinfecting & Mfg Co, 112-14 West 7th .....Bell-Main 707 Home-Main 775

NEW YORK

NEW YORK CITY

Lewis Samuel, 73 Barclay.....Barclay 5406

OHIO

CINCINNATI

Janitors Supply Co, 113 E Court.....Canal 3119

PENNSYLVANIA

PITTSBURGH

Janitors Supply Co, 203 Wood.....Court 2766

JAPANESE GOODS

NEW YORK

NEW YORK CITY

Fo Sing Yuen & Co, 104 E 16th.....Stuyvesnt 468

JAPANESE IMPORTATIONS—GENERAL

NEW YORK

NEW YORK CITY

Salinger & Magnus, 912-920 Broadway.Gramercy 564

JAPANESE MERCHANDISE IMPORTERS

CALIFORNIA

SAN FRANCISCO

Kai O & Co, 512-518 Grant av.....Douglas 5550

ILLINOIS

CHICAGO

Inubush Hikida & Co, 164-166 W Washington .....Franklin 4210

JAPANNERS

ILLINOIS

CHICAGO

General Japanning Co, 220 W Huron.....Superior 2212

JAPANNING AND ENAMELING OF EVERY DESCRIPTION

PENNSYLVANIA

PHILADELPHIA

Quaker City Japanning and Enameling Co, 916 Cherry .....Walnut 5356

JAPANNING METAL PARTS (SPRAYING PROCESS)

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

JAPANNING METAL PARTS, BARREL PROCESS ONLY

NEW YORK

NEW YORK CITY

Definance Button Machine Co, 43-47 W 24th .....Farragut 3730

JAPANS, MANUFACTURERS

PENNSYLVANIA

PITTSBURGH

Impervious Metal Corporation, 421 Wood...Court 1007

JEWELERS' CASES, MNFRS.

NEW YORK

NEW YORK CITY

Carow J & Co (Toilet, Manicure, Cutlery, Silverware, Chinaware Especially) 85 Warren .....Barclay 5552

JEWELER'S CASES, PADS & TRAYS

RHODE ISLAND

PROVIDENCE

Cardin Mfg Co, 1178 Eddy.....Broad 4254-W

JEWELERS' CASES, PAPER BOXES & TRAYS

NEW YORK

NEW YORK CITY

Royal Jewelry Case Co Inc, 893 Bway, Bklyn ..... Stagg 4020

RHODE ISLAND

PROVIDENCE

Young Bros, 722 Eddy.....Union 292

JEWELER'S CASES AND TRAYS

CALIFORNIA

SAN FRANCISCO

Rueckert Mfg Co, 717 Market.....Kearney 3537

NEW YORK

NEW YORK CITY

International Case Co (Jewelry Cases, Paper, Boxes, Trays, Novelties) 721 Grand....Canal 8035
Rueckert Mfg Co, 9-13 Maiden Lane..Cortland 5415

RHODE ISLAND

PROVIDENCE

Rueckert Mfg Co, 162 Clifford.....Union 1597

JEWELER'S CASES, TRAYS & DISPLAY NOVELTIES

RHODE ISLAND

PROVIDENCE

Swiezy A & Co, 220 Eddy.....Union 3843-W

JEWELERS' DISPLAY PADS AND TRAYS

RHODE ISLAND

PROVIDENCE

Stierle Paul Co Inc, 56 Pine.....Union 7658

JEWELERS' FINDINGS

RHODE ISLAND

PROVIDENCE

Kescot Manufacturing Co, 86 Page.....Union 6334

JEWELERS, MANUFACTURING

CONNECTICUT

MERIDEN

Armstrong C G Mfg Co, 508 S Vine..Meridan 684-3
(New York City Office, 338 Broadway)

NEW YORK

NEW YORK CITY

Goldsmith, Stern & Co, 33-43 Gold....Beekman 1860

OHIO

CINCINNATI

Mecklenborg & Gerhardt, Miami bldg.....Canal 4166
Miller Jewelry Co The, 6th and Vine Greenwood bldg .....Canal 4019

JEWELERS MNFG.—ABALONE BLISTER PEARL

NEW YORK

NEW YORK CITY

Barber Jewelry Mfg Co, 86 Gold.....Beekman 1180

JEWELERS MANUFACTURING—COLLEGE FRATERNITY BADGES

CALIFORNIA

SAN FRANCISCO

Newman J F, 150 Post.....Douglas 3809

ILLINOIS

CHICAGO

Newman J F, 31 N State.....Central 1447

MISSOURI

KANSAS CITY

Newman J F, 206 Lillis.....Bell-Grand 571
.....Ind-Main 1680

NEW YORK

NEW YORK CITY

Newman J F, 11 John.....Cortland 7228
Stoll Robert, 12 John .....Cortland 3246

JEWELERS, MNFRS. FOR HABERDASHERS

NEW YORK

NEW YORK CITY

Sampson John S & Son, 2 E 23d.....Gramercy 4212

JEWELERS, MNFG.—NOVELTIES AND MESH BAGS

CONNECTICUT

MERIDEN

Meriden Jewelry Mfg Co, 45 Pratt.....Meriden 492-2

JEWELERS' SUPPLIES—SEALING WAX

ILLINOIS

PRINCETON

Princeton Sealing Wax Co.....Princeton 2234

JEWELERS' TOOLS & SUPPLIES

NEW YORK

NEW YORK CITY

Gesswein F W Co Inc, 16 John.....Cortland 1161

JEWELERS' TRAVELING AND MANICURE SETS—PREMIUMS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston.....Spring 2367

JEWELERS, WHOLESALE

ILLINOIS

CHICAGO

Holsman & Co, 179 W Madison.....Franklin 4397
Shure N Co, 237-241 W Madison.....Main 3482

OHIO

CINCINNATI

Oskamp Nolting Co The, 26-30, 7th West..Canal 5440

JEWELERS, WHOLESALE, MEN'S

ILLINOIS

CHICAGO

Heller L & Co, 223 W Jackson bl.....Wabash 653

JEWELRY PLATING & FINISHING

ILLINOIS

CHICAGO

Gilbertson & Son, 5 S Wabash av.....Central 2871

JEWELS, AGATE (MNFRS.)

CONNECTICUT

EAST BERLIN

Mildrum W W Jewel Co The.....East Berlin 673-13

JEWELS, ELECTRICAL INSTRUMENTS, MFRS.

CONNECTICUT

EAST BERLIN

Mildrum W W Jewel Co The.....East Berlin 673-13

JEWELS FOR SCIENTIFIC INSTRUMENTS, MFRS.

CONNECTICUT

EAST BERLIN

Mildrum W W Jewel Co The.....East Berlin 673-13

JEWELS, GARNET (MFRS.)

CONNECTICUT

EAST BERLIN

Mildrum W W Jewel Co The.....East Berlin 673-13

JEWELS, SAPPHIRE (MFRS.)

CONNECTICUT

EAST BERLIN

Mildrum W W Jewel Co The.....East Berlin 673-13

JIGS

NEW JERSEY

CAMDEN

Wolff Wm F Co, Inc, 1125-27-29 Haddon av .....Camden 454

JIGS AND FIXTURES

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co..... Dunbar 1998

JIGS AND SPECIAL FIXTURES

OHIO

DAYTON

Industrial Tool Die & Engineering Co The, 322 Rear East Fifth .....Main 1664
See our Catalog Space, page 1017

JIGS, TOOLS AND DIES, SPECIAL MACHINES BUILT TO ORDER

INDIANA

ANDERSON

Anderson Die & Model Company, 2327 Lynn ..... Anderson 3003

JIGS, TOOLS AND FIXTURES

MICHIGAN

DETROIT

Woodworth-Cook Tool Co, 765 Clay .....North 5009

WISCONSIN

MILWAUKEE

Wisconsin Tool & Supply Co, 311 Enterprise bldg .....Grand 3449

JOINTS, BALL BEARING UNIVERSAL

MICHIGAN

DETROIT

Universal Products Co The, Woodbridge and Beaubien .....Cadillac 2847
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JOIST HANGERS, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

JUNK

CALIFORNIA

LONG BEACH

Long Beach Junk Co, 1189-91 W Ocean av ..... Bell-Long Beach 1247 Home 1247

SAN DIEGO

Kaplan Bros, 319-21, 5th ..... Bell-Main 1730 Home 3160

Shelley George & Sons, Foot of Market ..... Bell-Main-1556 Home 4134

INDIANA

NEW ALBANY

Acme Metal & Rubber Co, 215-219 E Fourth .....Home 1201

KENTUCKY

LOUISVILLE

Cohen I, 207-9 East Market.....Home-City 3084
Gradman Alex, 120 S Brook.....Home-City 4821
Hyman Rag Iron & Paper Stock Co, 830 West Main .....Home-City 2640
Salzman Harry & Son, 726 E Main....Home-City 9663
Wasbutsky Joseph & Sons, 328 E GreenHome-City 844
West End Rag Store, 426 S 10th.....Home-City 4753

NEW YORK

NEW YORK CITY

Brennan Bros, 459 W 18th.....Chelsea 3011
Leaf E B Co, 50 Church.....Cortland 2656
Linzer Ignatz (Dealer in scrap iron, metals, rubber and rope. I pay Highest Prices and Spot Cash) 148 E 4th.....Orchard 2410

OHIO

CINCINNATI

Cohen Mose & Son, 524-28 Freeman av.....West 4397
Fettig Joseph, 1910-1918 Plum.....Canal 2181
Levipe J & Co, 1104 Oehler.....West 4619
Norwood Iron & Metal Co, 4530 Allison (Norwood Sta) .....Ridge 2489

COLUMBUS

Schlezinger I H, 451 East Main.....Ohio State 8476

DAYTON

Slavin Sol Co, 650 South Main.....Bell-Main 2090 .....Ohio State 3783

TOLEDO

State Street Junk Shop, 522 State.....Main 1162

WEST VIRGINIA

HUNTINGTON

Wolf-Pollock Co (Dealers in Scrap Iron, Metals, Etc), foot 13th.....Huntington 31

JUNK, SCRAP IRON AND BARRELS, (DEALERS)

INDIANA

EVANSVILLE

Evansville Barrel & Junk Yards, Walnut and Canal ..... Evansville 2859-J

JUNK, SCRAP IRON, IRON METALS AND SCRAP RUBBER

MINNESOTA

MINNEAPOLIS

Brown & Rabinowitz, 733-735 N 3d ..... Bell-Nicolet 2611 Tri State 33921

JUNK, SCRAP IRON, METALS, BOTTLES AND BARRELS

MINNESOTA

ST PAUL

Greenberg Phillip & Co (Cash Buyers, Special Attention to Country Shippers) 276 E 9th .....Bell-Cedar 775 Tri State 21965

JUNK, SCRAP IRON, METALS & MACHINERY, BOUGHT & SOLD

CALIFORNIA

SACRAMENTO

Capital Junk & Machinery Co, 1309 J st...Main 2600

JUNK, SCRAP IRON AND METALS, WHOLESALE

CALIFORNIA

SAN FRANCISCO

Levin M & Sons, 1062-1068 Folsom.....Park 4178

JUSTICES OF THE PEACE

ILLINOIS

CHICAGO

Carr Geo W, 172 W Washington.....Franklin 4444
Maywood Office, 5th av and St Charles .....Maywood 1413

JUTE SHODDY & WASTE

OHIO

HAMILTON

Leshner Paper Stock Co The, 1230 Central av .....Bell-Hamilton 1204 Ohio State 1003-M

KALAMEINED WINDOWS & DOORS

MARYLAND

BALTIMORE

Pruden C D Co, The, Warner and Dock.....South 596
See our Catalog Space, page 926

KEROSENE

ILLINOIS

CHICAGO

Keystone Oil & Mfg Co The, 111 N Market..Main 1596

KEROSENE CARBURETORS

NEBRASKA

OMAHA

United States Carburetor Co, 701 S 13th.Douglas 1290

KEROSENE ENGINES, ALSO PUMPING, HOISTING OUTFITS

NEW YORK

NEW YORK CITY

Martin W I, 111 Broad.....Broad 283

KETTLES, CAST IRON, SPECIAL IRON, LARGE & SMALL

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

KETTLES—MANUFACTURERS, JAPAN KETTLES AND TRUCKS

OHIO

DAYTON

Buckeye Boiler Co The, 1617 McLain.....East 626

KETTLES, SILVER & LEAD LINED

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

KEYS—FINISHED MACHINE

PENNSYLVANIA

BEAVER FALLS

Moltrup Steel Products Co.....Beaver Falls 730

KEYS AND LOCKSMITHS' SUPPLIES

CONNECTICUT

DERBY

Graham Mfg Co, The, 300 Houstonic av....Derby 144

KID & FABRIC GLOVES

NEW YORK

NEW YORK CITY

Topken Company, 257-265 Fourth av...Gramrcy 1902

KILNS—ROTARY FOR CEMENT, LIME, ETC.

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush.....Bell-Alliance 31 Ohio State 3268

KINDERGARTEN MATERIAL MANUFACTURERS

NEW YORK

NEW YORK CITY

Steiger E & Co, 49 Murray.....Barclay 6134

KITCHEN CABINETS, MANUFACTURERS—WHOLESALE

INDIANA

GREENCASTLE

Greencastle Cabinet Co, Liberty and College.....Greencastle 317

KITCHEN EQUIPMENT

ILLINOIS

CHICAGO

Maxim Mnfg Co, 700 W 22d.....Canal 4499

OHIO

CINCINNATI

Burton Range Co The, S E cor 7th and Sycamore.....Canal 1059

KITCHEN EQUIPMENT—HOTELS AND INSTITUTIONS

ILLINOIS

CHICAGO

Stearnes Company The, 215 N Michigan av.....Randolph 4318

KITCHEN TABLES—MFRS—PORCELAIN

NEW YORK

NEW YORK CITY

Ingram-Richardson Mfg Co, 100 William....John 2394

KNIFE GRINDING MACHINES—MANUFACTURERS

OHIO

DAYTON

Seybold Machine Co The, Louie and Garst.....Bell-Main 1149 Ohio State 3149

KNIFE MANUFACTURERS

ILLINOIS

CHICAGO

Woodworkers Tool Works, 230 S Clinton..Main 3804

KNIFE MNFRS. ENSILAGE, MACHINE, PLANER, CHEESE CTR.

INDIANA

ANDERSON

Webb-Baxter Co, 24th and Delaware...Anderson 615

KNIFE MNFRS—PEN AND POCKET

CONNECTICUT

THOMASTON

Thomaston Knife Co, (Nothing better, no matter where you get them. For jobbing Trade Only, Write us for prices).....Thomaston 101

KNIFE MNFRS. POCKET KNIVES FINISHED & SKELETON WORK

RHODE ISLAND

PROVIDENCE

Imperial Knife Co, The, 1 Blount.....Union 1060-R

KNIFE MANUFACTURERS, SHEAR BLADES

OHIO

CLEVELAND

Cleveland Knife & Forge Co, The, 1960 W 114th.....Edgewater 1460

KNIT GOODS

ILLINOIS

CHICAGO

Lorenz Knit Goods Mfg Co, 1754 Belmont av.....Lake View 1307

MINNESOTA

MINNEAPOLIS

Northwestern Knitting Co (Makers of Munsing Wear) 716 Western av....Bell-Main 4409 Tri State 38611

NEW YORK

NEW YORK CITY

Rose Knit Goods Co The, 1270 Broadway.Mad Sq 5731

OHIO

CLEVELAND

Rose Knit Goods Co The, 1251 W 9th.....Main 5741

KNIT GOODS—SILK

NEW YORK

NEW YORK CITY

Bernstein Knitting Mills, office & factory Himrod and Myrtle av, Bklyn.....Bushwick 4755
Salesroom, Fifth av bldg, N Y C....Gramrcy 313

KNIT GOODS—UNDERWEAR, HOSIERY, SWEATERS

NEW YORK

NEW YORK CITY

Kommel A & Son, 519 Broadway.....Spring 4818

KNIT GOODS, (WOOL, SILK) SWEATERS, HOCKEYS, LEGGINGS

MINNESOTA

MINNEAPOLIS

Gopher Knitting Works, 1821-1823 Washington av N.....Bell-Hyland 2 Tri State 45500

KNIT UNDERWEAR

NEW YORK

LITTLE FALLS

Little Falls Mfg Co, 512 E Mill.....Little Falls 98

KNITTED & CLOTH UNDERWEAR

CALIFORNIA

SAN FRANCISCO

Superior Underwear Co The, 114 Battery..Sutter 892

ILLINOIS

CHICAGO

Superior Underwear Co The, 14 E Jackson bl.....Wabash 2541

NEW YORK

NEW YORK CITY

Superior Underwear Co The, 215 Fourth av at 18th.....Stuyvsnt 2726

OHIO

PIQUA

Superior Underwear Co The....Ohio State-Piqua 64

TEXAS

DALLAS

Superior Underwear Co The, 107 N Market .....Main 3381

KNITTING MACHINE NEEDLES

NEW JERSEY

NEW BRUNSWICK

Ives Loyal T Co The, 19-21 Water. New Brunswick 396
Potter Fred J & Co, Somerset st...New Brunswick 926

KNITTING MACHINE SINKERS

NEW JERSEY

NEW BRUNSWICK

New Brunswick Needle Co 10 Dennis .....New Brunswick 1310

KNITTING MACHINERY

NEW HAMPSHIRE

LAKEPORT

Crane Mfg Co, 175 Mechanic.....Laconia 421-3

MANCHESTER

Leighton Machine Co, Hayward and Kingston .....Manchester 1285

NEW YORK

LITTLE FALLS

Stafford & Holt, W Mill st.....Little Falls 121-M

NEW YORK CITY

Ainslie Knitting Machine Co, 281 Ainslie, Bklyn .....Stagg 3497
Scott & Williams Inc, Established 1865, 366 Broadway .....Franklin 2710

KNITTING MACHINES, NEEDLES (SPRING BEARD)

NEW JERSEY

NEW BRUNSWICK

New Brunswick Needle Co 10 Dennis .....New Brunswick 1310

KNITTING PINS (CELLULOID AND STEEL)

NEW YORK

NEW YORK CITY

ustin Walker Sales Co (Diadem Mfg Co) 215 Fourth av.....Stuyvesant 3211

KODAKS AND PHOTOGRAPHIC SUPPLIES

NEW YORK

NEW YORK CITY

illoughby Charles G Inc, 110-114 W 32d .....Farragut 3350

KODAKS, SOLD OR EXCHANGED

ILLINOIS

CHICAGO

ntral Camera Co (Send for our Catalog) 124 S Wabash av.....Central 5963

KUMYSS

NEW YORK

MOUNT VERNON

Brush E F, 320 S 5th av.....Mt Vernon 910

LABEL CUTTERS, VARNISHERS AND GUMMERS

NEW YORK

NEW YORK CITY

Wiener Bros (Labels, Die, Straight and Cigar Band Cutting) 692-694 Bway cor 4th .....Spring 8625

LABELING MACHINE GUMS

ILLINOIS

CHICAGO

Western Paste & Gum Co, 2710 Throop....Drover 3897

LABELING MACHINERY FOR BOTTLES, JARS, ETC.

CALIFORNIA

SAN FRANCISCO

Economic Machinery Co, (C F Beninghoff), Marvin bldg 24 California.....Sutter 4932

GEORGIA

ATLANTA

Economic Machinery Co, (Chas M Jackson Co), Gould bldg .....Main 1640

ILLINOIS

CHICAGO

Economic Machinery Co, (N Savaria), Monadnock blk ..... Harrison 6266

MASSACHUSETTS

WORCESTER

Economic Machinery Co, 72 School.....Park 1072

NEW YORK

NEW YORK CITY

Economic Machinery Co, 206 Bway.....Cortland 4239

LABELING PASTE FOR TIN

ILLINOIS

CHICAGO

Western Paste & Gum Co, 2710 Throop....Drover 3897

LABELS

CALIFORNIA

SAN FRANCISCO

National Binding Machine Co, 9 Main.....Sutter 868
Schmidt Lithograph Co, 2d and Bryant...Douglas 200

ILLINOIS

CHICAGO

Chicago Label & Box Co The, 312 N May. Monroe 5094
Kirby-Cogeshall Co, 732 Federal.....Harrison 2440
National Binding Machine Co, 30 N LaSalle .....Franklin 1954
Randolph Box & Label Co, 843 W VanBuren Monroe 1677
Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505
Shuman Frank G Co The, (Gummed Pads, in Rolls, Embossed, Etc), 168 N Michigan av .....Randolph 2953
Willson H H Co, 501 S Dearborn.....Harrison 2129

MARYLAND

BALTIMORE

National Binding Machine Co (Wm T Bond, Agt) Piper bldg.....St Paul 2350

MASSACHUSETTS

BOSTON

National Binding Machine Co, 170 Sum....Main 57495

MICHIGAN

KALAMAZOO

Bartlett Label Co, 312 N Park.....Kalamazoo 959

MISSOURI

ST LOUIS

Colorprint Label Co, 115-125 S 8th..... Olive 4572
Kirby-Cogeshall Co, Victoria bldg.....Olive 854

NEW YORK

NEW YORK CITY

Ever Ready Roll Label Co Inc, 45-47 Crosby .....Spring 3945
See our Catalog Space, page 966
Hercules Weaving Co, 200 Fifth av.....Gramercy 1587
Heyman Oscar & Co, 220-230 W 19th....Chelsea 8550
Krause, Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965
National Binding Machine Co, 260 West....Canal 8417
Pasbach-Voice Lithographing Co Inc, 210, 11th av .....Chelsea 6420
Rothchild Press The, 45-47 Crosby.....Spring 3047
See our Catalog Space, page 966
United Label Embossing Co Inc, 60 East 10th .....Stuyvesant 1275

OHIO

CINCINNATI

National Label Co The (Colored & Embossed Labels & Show Cards), 214-218 Walnut .....Main 2428

PENNSYLVANIA

PHILADELPHIA

Herold Press The, 15th and Wallace.....Poplar 2245

WISCONSIN

MILWAUKEE

Herold Press The, 433 Broadway.....Main 411
Kirby-Cogeshall Co, Huron & Jackson.....Main 914
Milwaukee Gummed Label & Seal Co, 161 Michigan .....Main 2512

LABELS, DRUGGIST

MISSOURI

ST LOUIS

Missouri Box & Label Co, Main & Market ..... Bell-Olive 4089 Kinloch-Central 1332

PENNSYLVANIA

PHILADELPHIA

Heston David & Sons, 1525 Orthodox..Frankford 216

LABELS, GUMMED

PENNSYLVANIA

BRADFORD

McCourt Label Cabinet Co, (Package Address Labels in Rolls are more Convenient and Economical than Gummed Labels flat and in Pads), 42-54 Bennet .....Bradford 1094

PHILADELPHIA

Fenton Label Co Inc, (Makers of Gummed Labels and Advertising Stickers. The Largest & Best equipped plant of its kind in the world), 9th and Thompson .....Poplar 4895

WISCONSIN

MILWAUKEE

Rexford Gummed Tape Co, 598 Clinton..Hanover 314

LABELS—GUMMED, EMBOSSED, METAL

ILLINOIS

CHICAGO

Stanley Manufacturing Co The (Geo S Fulrath agt) Palmer House.....Central 4710

LABELS—GUMMED, EMBOSSED, METAL—CONTINUED

MICHIGAN

DETROIT

Stanley Manufacturing Co The (W J Brueckman, Agt) Ford bldg.....Cherry 5791

NEW YORK

NEW YORK CITY

Stanley Manufacturing Co The (S Woodson Hundley Agt), New Victoria Hotel.....Bryant 94

PENNSYLVANIA

PHILADELPHIA

Fleischhauer H J, 70 and 72 N 4th.....Market 3792

LABELS, GUMMED & STICKERS

ILLINOIS

CHICAGO

Kirby-Cogeshall Co, 732 Federal.....Harrison 2440

MISSOURI

ST LOUIS

St Louis Sticker Co, 105 Pine ..... Bell-Olive 1492 Kinloch-Cental 4210

LABELS, GUM'D & UNGUM'D BANDS, TICKETS—ALL SHAPES

CONNECTICUT

WILLIMANTIC

Hall & Bill Ptg Co The, 54 North....Willimantic 441-2

LABELS, HANGERS, PRINTED FOR WAISTS, ETC.

NEW YORK

NEW YORK CITY

Economy Press, 1506 Lexington av.....Lenox 4690

LABELS, LEATHER FOR LAW BOOKS

MISSOURI

ST LOUIS

Beckiold Printing & Book Mfg Co, 200-212 Pine ..... Bell-Main 36 Kinloch-Central 2578

LABELS, LITHOGRAPHED

MICHIGAN

DETROIT

Stubbs Co The, cor John R and Elizabeth..Cherry 2404

LABELS, LITHOGRAPHED & EMBOSSED SEALS

ILLINOIS

CHICAGO

Rindell Chas A, 326 W Madison.....Franklin 5795

LABELS, ROLL (MANUFACTURERS)

ILLINOIS

CHICAGO

Dorsey A E Label Co, 732 Federal.....Wabash 2421

NEW YORK

NEW YORK CITY

Manhattan Roll Label Co, 31 Beekman..Beekman 4339

LABELS, SILK WOVEN

NEW JERSEY

PATERSON

Warner Mfg Co, 181 Ellison.....Patterson 2031

LABELS & STICKERS

MICHIGAN

KALAMAZOO

Kalamazoo Label Company, Church and Ransome .....Kalamazoo 2724

PENNSYLVANIA

PHILADELPHIA

Fenton Label Co Inc, (Makers of Gummed Labels and Advertising Stickers. The Largest & Best equipped plant of its kind in the world), 9th and Thompson .....Poplar 4895

Saile Label Co, 1219-21 N 26th.....Poplar 2605-W

LABELS & STICKERS GOLD, COLORS, PLAIN, EMBOSSED, GUMMED

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway..Franklin 2411

LABELS & TAPE PRINTED IN ROLL FORM

NEW YORK

NEW YORK CITY

Gummed Products Printing Co Inc, 19 Bush Terminal bldg 148, 39th, Bklyn..Sunset 5391

LABELS—WOVEN

NEW YORK

NEW YORK CITY

Alkahn Silk Label Co, 116-120 W 32d...Farragut 6294

LABELS—WOVEN, COTTON

CONNECTICUT

SOUTH NORWALK

Cash J & J Ltd (Makers of Cotton Frillings, Wash Trimmings, Woven Names & Initials, Mens Neckwear) 3 Chestnut .....So Norwalk 1315

LABELS, WOVEN—SILK AND COTTON

ILLINOIS

CHICAGO

Universal Label Weaving Co, 209 S State..Wabash 3498

NEW YORK

NEW YORK CITY

Universal Label Weaving Co, 200, 5th av.Gramercy 5996

LABELS—WOVEN & PRINTED FOR WEARING APPAREL

ILLINOIS

CHICAGO

Freeman Leon, 404 S Wells.....Harrison 7158

LABOR ADJUSTORS

OHIO

CLEVELAND

Manufacturers Service Co The, Schofield bldg .....Bell-Main 897 Ohio State-Central 3461

LABOR AGENCIES

OHIO

CINCINNATI

National Labor Agency, 228 W 8th.....Canal 3685

LABORATORY APPARATUS

ILLINOIS

CHICAGO

Chicago Surgical & Electrical Co, 314-324 W Superior .....Superior 6399

LABORATORY APPARATUS, GLASSWARE & SUPPLIES

NEW YORK

NEW YORK CITY

Meyer Camera & Instrument Co. 31 E 27th.Mad Sq 9873

LABORATORY APPARATUS AND SUPPLIES

ILLINOIS

CHICAGO

Central Scientific Co, 460 E Ohio.....Superior 7920

LABORATORY APPARATUS—WATER STILLS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545

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LABORATORY EQUIPMENT

NEW YORK

SYRACUSE

Baker F M Apparatus Co Inc, 408 South Franklin .....Warren 5578-W

LABORATORY FURNITURE

ILLINOIS

CHICAGO

Kewaunee Mfg Co, 460 E Ohio.....Superior 624
Peterson Leonard & Co, 1234-1248 Fullerton av .....Lincoln 7381

NEW YORK

NEW YORK CITY

Kewaunee Mfg Co, 70 Fifth av.....Chelsea 3909

LABORATORY SUPPLIES

ILLINOIS

CHICAGO

Daigger A & Co, 54 W Kinzie.....Central 6032
See our Catalog Space, page 931

MASSACHUSETTS

BOSTON

Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449

PENNSYLVANIA

PITTSBURGH

Laboratory Apparatus Co, 800-802 Penn av..Grant 4170

LABORATORY SUPPLIES AND EQUIPMENT

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th.Stuyvesant 2523
See our Catalog Space, page 960

LACE CURTAINS

NEW YORK

NEW YORK CITY

Patching John F & Co, 20 E 20th.....Gramercy 2785
Witcombe, McGeachin & Co, 20-24 W 37th.Greeley 236

LACE CURTAINS ON ROLLERS & CURTAIN RODS

ILLINOIS

CHICAGO

Weinberg Julius, 1459-61 Milwaukee av..Humboldt 1083

LACE DECORATIONS FOR HOMES, HOTELS, ETC.

NEW YORK

NEW YORK CITY

Patching John F & Co, 20 E 20th.....Gramercy 2785

LACE LEATHER

ILLINOIS

CHICAGO

Chicago Rawhide Mfg Co The, 1301 Elston av .....Monroe 6760
Hope H F & Co, 565 Washington bl....Franklin 4959

RHODE ISLAND

PAWTUCKET

Weatherhead-Thompson Co, 447 Mill..Pawtucket 271-R

LACES (CLUNY AND TORCHON)

NEW YORK

NEW YORK CITY

American La Dentelle Inc, 711 Broadway..Spring 1283

LACES & EMBROIDERIES

NEW YORK

NEW YORK CITY

Patching John F & Co, 20 E 20th.....Gramercy 2785

LACES—REAL ITALIAN AND CHINESE FILET LACES

NEW YORK

NEW YORK CITY

Bardwil Bros, 80 Washington.....Bowling Green 9430
Hamrah Bros, 78 Washington ....Bowling Green 9138

LACES AND VEILINGS

NEW YORK

GLENS FALLS

Binch H & F Co, 131-7 Warren.....Glens Falls 1188

LACQUERS

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727

LACTIC ACID—MNFRS.

MICHIGAN

DETROIT

Detroit Organic Chemical Co, Dime Bank bldg .....Main 286

LADDER & POLE MANUFACTURERS

NEW JERSEY

NEWARK

Portland Ladder Company, 130 Orange .....Branch Brook 584

LADDERS

ILLINOIS

CHICAGO

United States Ladder Co, Otis bldg.....Franklin 1448

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167 First av..Plaza 35

LADDERS (ROLLING STEP-LADDERS) ALL KINDS

MISSOURI

ST LOUIS

Milbradt Mfg Co, 2410 N 10th.....Tyler 2072

NEW YORK

NEW YORK CITY

Putnam & Co Inc, 32 Howard.....Canal 9414

LADDERS—CLEAR SPRUCE, STEP, EXTENSION & TRESTLE

ILLINOIS

CHICAGO

Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

LADDERS, SAFETY REINFORCED EXTENSION

CONNECTICUT

EAST HARTFORD

Safety Ladder Co Inc The, 200 Polland....Laurel 584

LADIES' AND CHILDRENS' READY TO WEAR GARMENTS

NEW YORK

NEW YORK CITY

Baumgart Herman, 518 Broadway.....Spring 5589

LADIES' HAT MNFRS.

NEW YORK

NEW YORK CITY

Folgeman Bros & Hirsh Inc, 43-51 W 36th .....Greeley 5789
Union Headgear Co The, 580-582 Broadway.Spring 5115

LADIES' UNDERWEAR—GLOVE SILK

NEW YORK

NEW YORK CITY

Sanford Narrow Fabric Co, 351, 4th av...Mad Sq 523

LADIES WAISTS

NEW YORK

NEW YORK CITY

Rosenthal Bros Co, 44 W 28th.....Farragut 4556

LADLE BRICK

PENNSYLVANIA

PITTSBURGH

West Virginia Fire Clay Mfg Co Diamond Natl Bank bldg.....Court 620

WEST VIRGINIA

WHEELING

Mack Manufacturing Co, German Bank bldg .....Wheeling 888

LADLE BRICK & FIRE BRICK

PENNSYLVANIA

PITTSBURGH

Johnetta Brick & Coal Co, Chamber of Commerce bldg .....Grant 6920

LADLES—HOT METAL

PENNSYLVANIA

MIDLAND

Treadwell Construction Co.....Midland 62

LAG SCREWS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av.....Albany 4010

LAMINATED BRUSHES FOR COLLECTOR RINGS, ETC. (MFRS)

NEW YORK

NEW YORK CITY

Perfection Supply Co, 98 Park pl.....Barclay 9748

LAMP BLACK & BLACKS OF ALL VARIETIES

CALIFORNIA

SAN FRANCISCO

Martin L Co The (L H Butcher Co) 214 Front .....Kearny 5095

CANADA

MONTREAL, QUEBEC

Martin L Co The (J B Taylor) 22 St Francois Xavier .....Main 2905

TORONTO, ONTARIO

Martin L Co The, (James Haywood) 23 Scott .....Main 3094

ILLINOIS

CHICAGO

Martin L Co The (E H Haines) Ashland blk.Central 2545

LOUISIANA

NEW ORLEANS

Martin L Co The (M T Woodward) 518 Natchez .....Main 822

MISSOURI

KANSAS CITY

Martin L Co The (Abner Hood Chemical Co) Station A.....Main 3621

ST LOUIS

Martin L Co The (A K Prince) Security bldg ..... Olive 5222

NEW YORK

NEW YORK CITY

Martin L Co The, 81 Fulton.....Beekman 2775

OHIO

CLEVELAND

Martin L Co The (R L Fuller Co) Guardian bldg .....Main 7270

PENNSYLVANIA

PITTSBURGH

Martin L Co The (G F Smith) Empire bldg .....Court 3548

LAMP COLORINGS

NEW JERSEY

NEWARK

Agens & Co, 219 Market ..... Mulberry 144

LAMP COLORINGS (INCANDESCENT)

ILLINOIS

CHICAGO

Franche C E & Co 440 Orleans.....Main 4251

LAMP POLES, ORNAMENTAL, BRACKETS & FITTINGS

NEW YORK

NEW YORK CITY

Morris Elmer P, 136 Liberty.....Rector 826

LAMP POSTS AND BRACKETS—ORNAMENTAL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc (Also Marquees, Gilles, Railings, Stairs), 28 Church..Cortland 7673

LAMP SHADE FRAMES, WIRE

NEW YORK

NEW YORK CITY

American Globe Wire Works, 429 E 15th ..... Stuyvesant 2568

LAMP SHADE TRIMMINGS

NEW YORK

NEW YORK CITY

Maag Edward, (Fringes, Cords, Tassels, Gimps and Ornaments) 32-46 W 23d.....Gramercy 5234

LAMP SHADES (FABRIC)

NEW YORK

NEW YORK CITY

Waldo Co Mfrs The, 45 E 20th.....Gramercy 5315

LAMP SHADES (WIRE)

MICHIGAN

DETROIT

Detroit Wire Lamp Shade Co, 26½ Park Place .....Cherry 1151

WISCONSIN

MILWAUKEE

Milwaukee Wire Frame Co, Mnfrs Home bldg .....Main 2497

LAMPS

NEW JERSEY

UNION HILL

Triumph Lamp Works Inc, 147-149 Palisade av .....Union 3501

LAMPS—AUTOMOBILE, TRUCK AND VEHICLE

INDIANA

CONNERSVILLE

Indiana Lamp Company .....Connersville 91

LAMPS, BATTERY HAND

ILLINOIS

DUNDEE

Universal Carbon Co.....Interstate 45-W

LAMPS, BOOK RESTS & CARVED NOVELTIES

ILLINOIS

CHICAGO

Kopriwa E Co (Mnfrs Highest Grade Solid Mahogany and Gold) 2220 Ward.Lincoln 2726

LAMPS—CARBON, INCANDESCENT

OHIO

WARREN

Sunlight Electrical Manufacturing Co, 523 Dana av .....Warren 2275

LAMPS—ELECTRIC, CARVED WOOD—MNFRS.

ILLINOIS

CHICAGO

Hartmann-Malcom Co, 847-857 N Troy..Garfield 776

LAMPS—ELECTRIC, WOOD, FLOOR AND TABLE

ILLINOIS

CHICAGO

Eagle Wood Turning Co, 338 S Clinton....Wabash 4120

LAMPS—GASOLINE & KEROSENE SYSTEMS

ILLINOIS

CHICAGO

Doud Lighting Co, 164-168 N Sangamon.Monroe 5737

LAMPS AND LAMP SHADES

NEW YORK

NEW YORK CITY

Maibrunn Company The Inc, 40-42 E 19th .....Gramercy 6454

LAMPS AND LANTERNS, MARINE

NEW YORK

NEW YORK CITY

Perkins Marine Lamp Corp, 1943 Pitkin av Bklyn .....East New York 7538

LAMPS & LIGHTING SYSTEMS—KEROSENE & GASOLINE

ILLINOIS

CHICAGO

Nagel-Chase Mfg Co The, 260-270 E Erie.Superior 6056

LAND SURVEYORS

ILLINOIS

CHICAGO

Silander A I, 30 N Lasalle.....Franklin 2716

LANDSCAPE ARCHITECTS

ILLINOIS

CHICAGO

Koenig Edward J, 110 S Dearborn .....Central 6509

MISSOURI

KANSAS CITY

Helder Arthur H, Reliance bldg .....Home-Main 370

LANDSCAPE ARCHITECTS AND CITY PLANNERS

ILLINOIS

CHICAGO

American Park Builders, Marquette bldg.Randolph 2525

LANDSCAPE DESIGNER

GEORGIA

ATLANTA

Katzenstein Otto, Healey bldg.....Ivy 7676

LANDSCAPE DESIGNING & GARDENING

OHIO

DAYTON

Poeppelmeier & Mick, Watervliet and King av .....East 2707

SPRINGFIELD

Poeppelmeier & Mick, Mitchell bldg....Bell-Main 3600
.....Ohio State 2026

LANDSCAPE ENGINEERS

ILLINOIS

CHICAGO

age Benj E, 30 N Lasalle.....Franklin 2716

LANDSCAPING—SHRUBS, TREES AND ROSES

NEW YORK

NEWARK

oore William C & Co, Commercial bldg..Newark 132

ANGUAGE TEXT BOOKS

NEW YORK

NEW YORK CITY

eiger E & Co, 49 Murray.....Barclay 6134

ANTERN SLIDE ADVERTISING IN THEATRES & OUTDOORS

NEW YORK

NEW YORK CITY

velty Slide Co, 115 E 23d.....Gramercy 3672

ANTERN SLIDES

ILLINOIS

CHICAGO

cago Transparency Co, 148 N Dearborn.Central 5424

NEW YORK

ALBANY

Glenn J A, 76 Columbia .....Main 3027

NEW YORK CITY

Greater New York Slide Co Inc, 154 W 45th.Bryant 2825
Scott & Van Altena, 6 E 39th.....Vanderbilt 5062

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty .....Canal 2415

LANTERN SLIDES AND STEREOPTICONS

NEW YORK

NEW YORK CITY

Riley Optical Instrument Co Inc, 150 Fifth av .....Chelsea 725

LANTERN SLIDES TO ORDER FOR LECTURES, ETC.

NEW YORK

NEW YORK CITY

Bates Eldred L (Artistic Slide Coloring Done, Expert Colorist) 149 Ashland pl Bklyn .....Prospect 596

LANTERNS, ACETYLENE

OHIO

TOLEDO

Toledo Acetylene Lantern Co The, 123 Michigan .....Bell-Main 776
Ohio State 1060

LANTERNS, CARBIDE

MINNESOTA

DULUTH

Brilliant Search Light Mfg Co, The, 24, 4th av W.....Zenith-Grand 700

LAST BLOCK LATHES

VERMONT

SPRINGFIELD

Gilman & Son (Branch Fitz-Empire Double Pivot Last Co) 22 River.....Springfield 18

LAST BLOCK MNFRS. ROUGH TURNED, AIR DRIED, KILN DRIED

NEW YORK

BELVIDERE

Seger-Prindle Mfg Co, The .....Belmont 9-F-4

LATH—EXPANDED METAL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-312 10th av So .....Bell-Nicollet 534
Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, S E Cor 22d & 11th av .....Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E .....Bell-Main 3000
Ohio State 271

LATHE CHUCKS

CONNECTICUT

NEW LONDON

Whiton D E Machine Co The, 190 Howard .....New London 122

LATHE SETS—WOOD AND METAL

ILLINOIS

CHICAGO

Partridge E O 2039-2049 W Lake.....West 2039

LATHES

ILLINOIS

CHICAGO

Fulton Machine Tool Co, 1438 W Randolph .....Haymarket 2883
Wright David A, 568 W Washington bl...Franklin 5899

ROCKFORD

Rockford Lathe & Drill Co, 1827, 14th av...Main 492
Rockford Tool Co, Harrison av and 11th....Main 2315

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre .....Canal 642
Terminal Machine Co, 406-408 Broome.Cortland 3169

OHIO

CINCINNATI

Rahn-Larmon Co The, 2941 Spring Grove av.West 738

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works, Providence...Union 1857

LATHES—BUFFING & GRINDING

NEW YORK

NEW YORK CITY

General Platers' Supply Co Inc, 56 Wall.Hanover 4260

LATHES—ENGINE (MNFRS.)

OHIO

SIDNEY

Smith, Philip Mfg Co The, Main & Shelby.Sidney 103

LATHES—HEAVY DUTY TURRET

INDIANA

INDIANAPOLIS

International Machine Tool Co, W 21st & Belt Railway .....Bell-North 2486
Automatic 23-486

LATHES 9-INCH SWING (MANUFACTURERS)

NEW YORK

SYRACUSE

Porter-Cable Machine Company The, 1708 North Salina .....James 1974

LATHES—9" TO 18" SWING

ILLINOIS

ROCKFORD

Barnes W F & John Co.....Main 167

LATHES, SPEED—MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

LATHES, 13" ENGINE, 5' 6' 7' BED AND VERTICAL TURRET

CONNECTICUT

MYSTIC

Standard Machinery Co, Water.....Mystic 20

NEW YORK

NEW YORK CITY

Standard Machinery Co, 41 Park Row (Branch) ..... Cortland 1177

LATHES—TOOL ROOM (MANUFACTURERS)

NEW YORK

SYRACUSE

Mulliner Enlund Tool Co Inc, 539-541 S Clinton .....Warren 5568

LATHES, TURRET

INDIANA

INDIANAPOLIS

Millholland W K Machine Company, 10th & Canal .....Bell-Main 4072 Automatic-28-246

LATHES, WOOD TURNING—MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

LAUNDRIES ALL SHIRTS IRONED BY HAND

ILLINOIS

CHICAGO

Olson's Hand Laundry Co (Express Work Solicited) 1529-1531 N Wells.....Lincoln 2165

LAUNDRY BLUES

NEW YORK

NEW YORK CITY

Horgan William J 6 Platt.....John 1625

PENNSYLVANIA

PHILADELPHIA

Diamond John & Sons, 470 N 3rd.....Market 2155

LAUNDRY & DRY CLEANERS MCHY & SUPPLIES

MISSOURI

KANSAS CITY

Purdy Bros Mfg & Supply Co Home-Main 8105
Traders bldg, 10th & Campbell.....Bell-Grand 2265

LAUNDRY, DRY CLEANING & GARMENT DYEING MACHINERY

ILLINOIS

CHICAGO

Mateer F W & Co, 226-232 W Ontario...Superior 6115

LAUNDRY DRYERS & EQUIPTS. FOR RES, APTS, BLDGS, INSTNS

ILLINOIS

CHICAGO

Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

LAUNDRY-HOSPITAL DRY CLEANERS MACHINERY

NEW YORK

TROY

Interstate Machinery Co, 3104 Seventh av ...Troy 2674

LAUNDRY MACHINERY

CALIFORNIA

LOS ANGELES

Troy Laundry Machinery Co Ltd Manual-Broadway 1730
450-452 E Third .....Automatic 10-531
See our Catalog Space, page 966

SAN FRANCISCO

Ross & Burr Laundry Machinery Co, 761 Folsom .....Kearny 555
Troy Laundry Machinery Co, 954-956 Mission .....Kearney 2092
See our Catalog Space, page 966
United States Hoffman Machinery Co Inc, 625, 3d .....Sutter 3461

ILLINOIS

CHICAGO

Troy Laundry Machinery Co, LaSalle & 23d.Calumet 227
See our Catalog Space, page 966
United States Hoffman Machinery Co Inc, 352 W VanBuren .....Harrison 6870

MASSACHUSETTS

BOSTON

Troy Laundry Machinery Co Ltd, 514-516 Atlantic av .....Fort Hill 1896
See our Catalog Space, page 966

NEW YORK

NEW YORK CITY

Grim John F, 454 Wythe av, Bklyn...Wmsburg 2211
See our Catalog Space, page 967
Troy Laundry Machinery Co Ltd, 133 Centre ..... Franklin 4370
See our Catalog Space, page 966
United States Hoffman Machinery Co Inc, 63 Wall .....Hanover 7360

SYRACUSE

United States Hoffman Machinery Co Inc, 329 Temple .....Warren 7156

OHIO

CINCINNATI

American Laundry Machinery Co, The, Norwood Station .....Ridge 1190

WASHINGTON

SEATTLE

Troy Laundry Machinery Co Ltd, 114 King ..... Elliott 4331
See our Catalog Space, page 966

LAUNDRY MCHRY, RESIDENCES, SMALL HOSPITALS & HOTELS

ILLINOIS

CHICAGO

American Ironing Machine Co, 168 N Michigan av .....Randolph 1064

LAUNDRY PRESSES

OHIO

CINCINNATI

Daly Manufacturing Co, 225 W 4th.....Main 4728

LAUNDRY ROOM OUTFITS (COMPLETE FOR RESIDENCE)

ILLINOIS

CHICAGO

Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

LAUNDRY SUPPLIES

ILLINOIS

CHICAGO

Sterne & Maley Co., 140 W Van Buren..Harrison 4797

NEW YORK

NEW YORK CITY

Lafranc Chlorozone Works Inc, 33 Division av Bklyn .....Wmsburg 851
Thomson J M & Co Inc, 521 Broome.....Spring 3720

LAUNDRY TABLETS

ILLINOIS

CHICAGO

Farquhar-Moon Mfg Co (NRG Products) 140 W Van Buren.....Wabash 4072

LAUNDRY TUBS

ILLINOIS

CHICAGO

Chicago Granitine Mfg Co, 3617 Wall.....Drover 4193

LAUNDRY WASHING TABLETS

MISSOURI

ST LOUIS

Staufer Laundry Supply Co, 2628 University.Tyler 2582

LAW BOOK PUBLISHERS

MINNESOTA

ST PAUL

West Publishing Co, 50 W 3d .....Bell-Cedar 6426 Tri State 22831

LAW BOOK PUBLISHERS AND SELLERS

NEW YORK

ROCHESTER

Williamson Law Book Co, 41 State.....Main 208

LAW BOOKS

ILLINOIS

CHICAGO

Illinois Book Exchange (New and Second Hand, Catalogs Furnished) 202 S Clark...Harrison 5406

LAW, MEXICAN

ILLINOIS

CHICAGO

Kerr & Kerr, 19 S LaSalle.....Central 1550

LAW SCHOOLS

ILLINOIS

CHICAGO

Chicago Kent College of Law, 116 S Michigan av .....Central 2492
Chicago Law School, 53 W Jackson bl...Wabash 5593
Marshall John Law School The, 35 N Dearborn .....Central 4669
Webster College of Law, 14 W Washington .....Randolph 3338

LAW STENOGRAPHERS

ILLINOIS

CHICAGO

Devlin & Roberts, Conway bldg.....Randolph 4846
Walsh Edward J, Conway bldg.....Franklin 2188

LAWN CANOPIES AND BEACH UMBRELLAS

MISSOURI

ST LOUIS

Ittlosen Manufacturing Co, Park & Dolman Dept D .....Sidney 3700

LAWN MOWERS—MANUFACTURERS

ILLINOIS

DIXON

Dipper Lawn Mower Co, Seventh st .....Dixon 281

PENNSYLVANIA

PHILADELPHIA

Philadelphia Lawn Mower Co The, (Original Mfrs of Lawn Mowers, est 1869) 31st and Chestnut .....Preston 2430

LAWN SPRINKLER MFRS.

OHIO

DAYTON

Dayton Irrigation Co, 823 East Richard.....East 2249

LAWYERS

CALIFORNIA

SAN FRANCISCO

Archus David E (General Practice and Special Investigator Everywhere) 1112 Market..Park 966

GEORGIA

ATHENS

Bin, Rucker & Erwin, Southern Mutual Bldg .....Athens 86
Bin & Michael, Southern Mutual bldg....Athens 484

ILLINOIS

CHICAGO

A'Brunswick Frank P, 160 W Jackson bl..Wabash 1252
Bain Force & Cooke, Monadnock blk....Harrison 792
Brown Philip S, 186 S LaSalle.....Franklin 1555
Everett Coleman S, 3908 Cottage Grove av .....Kenwood 271
Fine Laurence M (Wray & Fine) (Practice in all State and Federal Courts, Reference: Greenebaum Sons Bank & Trust Co), Harris Trust bldg .....Central 8370
Maddock & Jaffe, 39 S LaSalle.....Randolph 1048
Potts Joshua R H, 8 S Dearborn.....Central 5560

INDIANA

EVANSVILLE

Buente Henry O (General Practice, Collections & Depositions) Furniture bldg .....Evansville 4204

LOUISIANA

NEW ORLEANS

Harvard B M, Maison Blanche bldg.....Main 2406

MASSACHUSETTS

BOSTON

Schwarz Adolph M (Specializing in collections and commercial litigation everywhere. Offices, New York, Chicago, Cleveland, Detroit, Pittsburgh, Atlanta. Efficient representation all over) 18 Tremont .....Fort Hill 3670

LYNN

Lovett Charles W, 23 Central av.....Lynn 589

MINNESOTA

MINNEAPOLIS

Allen & Fletcher, Andrus bldg Bell-Main 1958 .....Tri State 31958
Deutsch Henry, Plymouth bldg Bell-Nicollet 568 .....Tri State 37384

MISSOURI

ST LOUIS

Snowden & Snowden (Specialists in Collections and adjustments. Letters answered. Remittances made day received. Depositions taken intelligently. Thoroughly organized. Competent assistants) Railway Exchange bldg.Olive 2408

NEW YORK

ALBANY

Hubbard Lester T, Arkay Bldg.....Main 531-J

BINGHAMPTON

Babcock Augustus, O'Neil bldg....Binghampton 1968-J

CORNING

Sebring James O, 2 Erie av.....Corning 22-R

NEW YORK CITY

Dangler & Black, 110 W 34th.....Greeley 436
Sakowitz M J, 51 Chambers.....Worth 2325
See our Catalog Space, page

PENNSYLVANIA

PHILADELPHIA

Patterson & Magaziner, Bailey bldg 1218 Chestnut .....Walnut 5139

LAWYERS, COMMERCIAL AND GENERAL PRACTICE

MICHIGAN

DETROIT

Ellmann James I, Penobscot bldg .....Cadillac 7400

LAWYERS' LEATHER BRIEF CASES (MANUFACTURERS)

NEW YORK

NEW YORK CITY

Urband Leather Goods Co, 153-159 W 15th .....Chelsea 1305

LAWYERS, PATENT

NEW YORK

NEW YORK CITY

Griffin James H (Patents—Patent Causes, Consulting with General Lawyers a Specialty. Late Principal Examiner U S Patent Office) 277 Bway .....Worth 1525

LEAD

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436

LEAD BURNERS, CHEMICAL WORKS ERECTED

NEW YORK

NEW YORK CITY

Lower Louis K, 641 Carroll, Bklyn.....South 3552

LEAD BURNING

NEW YORK

NEW YORK CITY

Abernethy John F (Lead-lined Tanks and Chemical Lead Work of every Description to order) 703 Myrtle av, Bklyn.....Wmsburg 4342
Moore & Simonson, 30 Church.....Cortland 1053

LEAD BURNING CONSTRUCTION

NEW JERSEY

PERTH AMBOY

Chemical Pump & Valve Co The, 327 Gifford .....Perth Amboy 1583

LEAD BURNING AND LINING

PENNSYLVANIA

PITTSBURGH

Lovsey Chas H Co, Park bldg.....Grant 1949

LEAD DROSS AND SKIMMINGS

ILLINOIS

CHICAGO

Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668

LEAD FURNACES

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

LEAD—INGOTS, PIG AND SHEET

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce .....Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk .....Harrison 6628
See our Adv., page 32, first page opposite Section 1

LEAD—INGOTS PIG & SHEET—CONTINUED

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort E ..... Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Broadway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Union Arcade ..... Grant 5979
See our Adv., page 32, first page opposite Section 1

LEAD PENCIL MNFRS.

NEW JERSEY

JERSEY CITY

Pencil Exchange, 67-73 Fleet ..... Montgomery 3473

NEW YORK

NEW YORK CITY

Beck Pencil Mnfg Co The (Makers of high grade lead pencils for commercial use. Plain pencils for imprinting purposes. Advertising pencils a specialty), 32 Union sq ..... Stuyvsnt 735

LEAD PENCILS WHOLESALE

NEW YORK

NEW YORK CITY

Enlow Co Inc, 362 Bway ..... Franklin 1414

LEAD, PIG

ILLINOIS

CHICAGO

Kramer H & Co, 1324-1344 W 21st pl ..... Canal 3380

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway ..... Rector 5083

LEAD—PIPE AND SHEET

SOUTH CAROLINA

CHARLESTON

Charleston Lead Works, Meeting St rd. Charleston 344

LEAD PIPE—TIN PIPE

MARYLAND

BALTIMORE

Union Smelting & Refining Co Inc, se cor Howard and Ostend ..... South 1230
See our Catalog Space, page 1008

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc, Campau bldg ..... Cadillac 4691
See our Catalog Space, page 1008

NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles and Ave L ..... Market 828
See our Catalog Space, page 1008

NEW YORK

NEW YORK CITY

Union Smelting & Refining Co Inc, 604-608 E 19th ..... Gramercy 6699
See our Catalog Space, page 1008

LEAD PRODUCTS

NEW YORK

NEW YORK CITY

Lissberger Marks & Son Inc, 281 Borden av L I C ..... Hunters Point 1497

LEAD AND TIN PLATING

ILLINOIS

CHICAGO

Doering C & Son Inc, 1375 W Lake ..... Monroe 921

LEADED GLASS

PENNSYLVANIA

PITTSBURGH

Pittsburg Art Glass Co, Warden and McCartney sts W E ..... Walnut 198

LEAF BRUSHES FOR COLLECTOR RINGS, ETC. (MFRS.)

NEW YORK

NEW YORK CITY

Perfection Supply Co, 98 Park pl ..... Barclay 9748

LEAF TOBACCO

NEW YORK

NEW YORK CITY

Selgas & Co (Importers, Packers, Havana and Porto Rico), 128 Water ..... Hanover 6831

LEAF TOBACCO—BROKERS

OHIO

DAYTON

Stern M E & Co, 208 S Ludlow ..... Main 5764

LEATHER

NEW YORK

BUFFALO

Cordova Shops Inc The, 237 Elm ..... Seneca 4719

LEATHER ADVERTISING GOODS AND SOUVENIRS

NEW YORK

NEW YORK CITY

Simmons N, 87 E 12th ..... Stuyvesant 2105

LEATHER ADVERTISING NOVELTIES

ILLINOIS

CHICAGO

Kohl P J & Co, 230 W Huron ..... Superior 5214

NEW YORK

NEW YORK CITY

Advertising Leather Specialty Co, 303 Mercer ..... Spring 5126

PENNSYLVANIA

PITTSBURGH

Williams W E Company, Peoples Bank bldg. Court 1984

LEATHER AND ARTIFICIAL LEATHER

NEW YORK

NEW YORK CITY

Korn Edward Co, 450-452 Broome ..... Spring 893

LEATHER—AUTOMOBILE—CARRIAGE & FURNITURE

OHIO

ASHTABULA

Ashtabula Hide & Leather Co The, 3-4 Main ..... Main 1014

LEATHER, AUTOMOBILE ETC.

ILLINOIS

CHICAGO

Eagle-Ottawa Leather Co (Upholstery, Bag, Strap, Bookbinding Flexible Splits), 228 W Lake. Main 594

LEATHER—AUTOMOBILE AND FURNITURE

NEW JERSEY

NEWARK

Radel Leather Manufacturing Co, Hamburg Place rd ..... Mulberry 3087

LEATHER BAGS AND CASES

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th ..... Stuyvesant 2523
See our Catalog Space, page 960

LEATHER BAGS, BRIEF CASES AND LAUNDRY BAGS

NEW YORK

NEW YORK CITY

Urband Leather Goods Co, 153-159 W 15th. Chelsea 1305

LEATHER BELTING

ALABAMA

BIRMINGHAM

Alexander Bros Leather Belting (Perry Supply Co) 18 S 20th ..... Main 5292

HUNTSVILLE

Alexander Bros Leather Belting (McAnelly Hardware Co) ..... Huntsville 248

ARIZONA

PHOENIX

Alexander Bros Leather Belting (Pratt-Gilbert), Central and Madison ..... Phoenix 1644

ARKANSAS

LITTLE ROCK

Alexander Bros Leather Belting, (Thos Cox & Sons Machy Co) 2d and Commerce...Main 738

CALIFORNIA

LOS ANGELES

Alexander Bros Leather Belting (Smith-Booth-Usher Co), 228 Central ..... Manual-Main 2695 Automatic 10661

SAN FRANCISCO

Alexander Bros Leather Belting (General Machy & Supp Co) 39 Stevenson..Sutter 6750

COLORADO

DENVER

Alexander Bros Leather Belting, (M J O'Fallon Supp Co The) 1625, 15th....Main 6530

CONNECTICUT

NEW HAVEN

Alexander Bros Leather Belting (Coe & Brown Co The) 204 George.....Liberty 1461

GEORGIA

ALBANY

Alexander Bros Leather Belting (Albany Mill Supply Co) 135 Pine.....Albany 229

ATLANTA

Alexander Bros, 102 N Pryor.....Ivy 4979
Alexander Bros Leather Belting (Crane Co) 31 Garnett .....Main 2062

AUGUSTA

Alexander Bros Leather Belting (Lombard Iron Works & Supply Co) 631, 11th.Augusta 26

SAVANNAH

Alexander Bros Leather Belting, (J D Weed & Co) 221 Broughton W.....Savannah 743

ILLINOIS

CHICAGO

Alexander Bros, 9 S Clinton.....Franklin 4140
McCauley Belting Co, 412-420 Orleans..Franklin 643
Woodcock Bros, 165 167 N Jefferson.....Main 1805

DECATUR

Alexander Bros Leather Belting (Morehouse & Wells Co) 134 E Main.....Main 40

PEORIA

Alexander Bros Leather Belting (E M Smith & Co) 409 S Washington.....Main 1083

QUINCY

Alexander Bros Leather Belting (Hollister-Whitney Co) 211 N 2d.....Main 466

INDIANA

FORT WAYNE

Alexander Bros Leather Belting (National Mill Supply Co) 209 E Columbia ..... Bell-Main 496 Home 2352

INDIANAPOLIS

Alexander Bros Leather Belting (Indianapolis Belting & Supply Co) 34 S Capitol av .....Main 3226
Hide Leather & Belting Co, 231 S Meridian ..... Bell-Main 2094 Automatic 27-365
Taylor Belting Co, 247 S Meridian....Bell-Main 412 Automatic 21-412
Tonnegut Machinery Co, 43-45 S Meridan ..... Bell-Main 257 Automatic 25-312

RICHMOND

Alexander Bros Leather Belting (Jones Hardware Co) 10th and North E st.Richmond 1126

IOWA

DAVENPORT

Alexander Bros Leather Belting (Louis Hanssen's Sons) 215 W 2d.....Davenport 1066

DES MOINES

Alexander Bros Leather Belting (Globe Machinery & Supply Co) 205 Court..Walnut 835

DUBUQUE

Alexander Bros Leather Belting (Dubuque Rubber & Belting Co) 422 Main....Dubuque 1996

KENTUCKY

LOUISVILLE

Alexander Bros Leather Belting (The Ahrens & Ott Mfg Co), 319 W Main....Main 2301

LOUISIANA

NEW ORLEANS

Alexander Bros Leather Belting (A Baldwin & Co Ltd) Camp and Common....Main 386

MAINE

PORTLAND

Alexander Bros Leather Belting (W L Blake & Co) 79 Commercial.....Portland 3067

MARYLAND

BALTIMORE

Alexander Bros Leather Belting (H E Crook Company) 28 Light.....St Paul 510

MASSACHUSETTS

BOSTON

Alexander Bros Leather Belting (Lewis E Tracy Co) 127 Broad.....Fort Hill 1836

HOLYOKE

Alexander Bros Leather Belting (J Russell & Co) 361 Dwight.....Holyoke 3532

NEW BEDFORD

Alexander Bros Leather Belting (Slocum & Kilburn) 23 North Water.....New Bedford 2496

MICHIGAN

BATTLE CREEK

Alexander Bros Leather Belting (L B Brockett & Sons) 59-61 W Main.Battle Creek 31

BAY CITY

Alexander Bros Leather Belting (Alert Pipe & Supply Co) 1001 N Water..Bay City 122

DETROIT

Alexander Bros Leather Belting (Palmer-Bee Co) Cameron and E Grand bl....Market 6592

GRAND RAPIDS

Alexander Bros Leather Belting (Barclay, Ayers & Bertsch Co) 321 Bond av. Bell-Main 464 Citizens 4353

KALAMAZOO

Alexander Bros Leather Belting (Edwards & Chamberlain Hardware Co) Main and Portage .....Kalamazoo 3780

MENOMINEE

Alexander Bros Leather Belting (Northern Hardware & Supply Co) 501 Grand av .....Menominee 400-F-1

SAULT STE MARIE

Alexander Bros Leather Belting (Soo Hardware Co) 300 Ashmun...Sault Ste Marie 486

MINNESOTA

MINNEAPOLIS

Alexander Bros Leather Belting (Northern Machinery Co) 503 S 6th....Bell-Main 514 Tri State 38351

ST PAUL

Alexander Bros Leather Belting (Robinson, Cary & Sands Co) 4th and Wacouta..... Bell-Cedar 3740 Tri State 21378

MISSOURI

ST LOUIS

Alexander Bros Leather Belting (Day Rubber Co) 415 N 4th.....Main 3608

MONTANA

BUTTE

Alexander Bros Leather Belting (Montana Hardware Co) Penn blk.....Butte 514

NEBRASKA

LINCOLN

Alexander Bros Leather Belting (Western Supply Co), 820 N.....Lincoln B-1150

OMAHA

Alexander Bros Leather Belting (American Supply & Machinery Co) 1102 Farnam.Douglas 1273

NEW JERSEY

NEWARK

Alexander Bros Leather Belting (Ludlow & Squier) 97 Market.....Mulberry 2230

PATERSON

Alexander Bros Leather Belting (Fischer & Bond) R R av.....Paterson 2790

NEW YORK

BUFFALO

Alexander Bros Leather Belting (Hendee-Connor Co) 64 Pearl.....Seneca 2742

ELMIRA

Alexander Bros Leather Belting (Horton Machine Wks) 104 W 4th.....Elmira 325-J

JAMESTOWN

Alexander Bros Leather Belting (C A Lundquist & Co) 2 S Main.....Jamestown 449

NEW YORK CITY

Alexander Bros, 149 Broadway.....Cortland 4750
Alexander Bros Leather Belting (Peter A Frasse & Co) 417 Canal.....Spring 9720
Alexander Bros Leather Belting (Patterson Bros) 27 Park Row.....Barclay 8320
Zimmer Conrad Belting Co (Manufacturers of "Storm King" (water, oil and steam-proof) and "Back Bone" Leather Belting), Factory and Main Office, 70-76 Fulton .....Beekman 1224

SCHENECTADY

Alexander Bros Leather Belting (Clark Witbeck Co) 416 State.....Schenectady 3550

UTICA

Alexander Bros Leather Belting (Chas Millar & Son Co) 501 Main.....Utica 4000

NORTH CAROLINA

CHARLOTTE

Alexander Bros Leather Belting (The Textile Mill Supply Co) 51 S College.Charlotte 2781
Charlotte Leather Belting Co, Fifth and Graham .....Charlotte 1027

GREENSBORO

Alexander Bros Leather Belting (Odell Hardware Co) S Elm.....Greensboro 1800

WILMINGTON

Alexander Bros Leather Belting (Standard Supply Co) Castle Hayne rd.....Wilmington 400

OHIO

AKRON

Akron Belting Co The, 70-74 Canal....Bell-Main 240 .....Ohio State 1240
Alexander Bros Leather Belting (Mill & Mine Supply Co) Bell-Portage 800 .....Ohio State 5308

CINCINNATI

Alexander Bros Leather Belting (The Wirthlin-Mann Co) 318 W 3d.....Main 3380
Eagle Counter & Leather Co, The, 414 E 8th.Canal 2383

CLEVELAND

Alexander Bros Leather Belting (The W Bingham Co) 1278 W 9th.....Main 6420

COLUMBUS

Alexander Bros Leather Belting (The Ross Willoughby Co) 178 N 3d....Bell-Main 4754 Ohio State 5957

DAYTON

Alexander Bros Leather Belting (The M D Larkin Supply Co) 116 N Main.....Main 4353

NEWARK

Alexander Bros Leather Belting (Universal Supply Co) 122 E Main ..Bell-Main 665-W Automatic 1211

ST MARYS

Alexander Bros Leather Belting (Jaspersen Supply Co) 112-114 E Spring.....St Marys 491

TOLEDO

Alexander Bros Leather Belting (The M I Wilcox Co) 210 Water..Bell-Main 25 Ohio State-Main 7522

LEATHER BELTING—CONTINUED

PENNSYLVANIA

CHESTER

Bridge John Sons, 9th and Pennel.....Chester 791

ERIE

Alexander Bros Leather Belting (Stirling-Warfel Mill Supply Co) 12th and French.Erie 306

LANCASTER

Alexander Bros Leather Belting (Mnfrs Asso of Lancaster) Woolworth bldg.Lancaster 998

PHILADELPHIA

Alexander Bros, 414 N 3d.....Bell-Market 2783
.....Keystone-Main 4196
Alexander Bros Leather Belting (Fifer & Beatty) Front st and Lehigh av..Kensington 1676
Alexander Bros Leather Belting (Sees & Faber) 2008 N Front.....Kensington 5140
Etsweiler Wm & Co, 230 N 3d.....Bell-Market 458
.....Keystone-Main 209

PHOENIXVILLE

Alexander Bros Leather Belting (The Benjamin Hardware Co) 207 Bridge .....Phoenixville 89

SCRANTON

Alexander Bros Leather Belting (The Bittenbender Co) 132 Franklin av...Scranton 4800

WILLIAMSPORT

Alexander Bros Leather Belting (E Keeler Co) 238 West.....Williamsport 920

SCOTLAND

GLASGOW

Alexander Bros Leather Belting (Andrew McLean & Co).....

SOUTH CAROLINA

ANDERSON

Alexander Bros Leather Belting (Sullivan Hardware Co) 210 S Main.....Anderson 261

TENNESSEE

BRISTOL

Alexander Bros Leather Belting (Interstate Hardware & Supply Co) 210 State .....Bristol 3

KNOXVILLE

Alexander Bros Leather Belting (C M McClung & Co) W Jackson av.....Knoxville 2600

TEXAS

AUSTIN

Alexander Bros Leather Belting (The Walter Tips Co) 708 Congress av.....Austin 174

BEAUMONT

Alexander Bros Leather Belting (E L Wilson Hardware Co) 339 Pearl..Beaumont 29

EL PASO

Alexander Bros Leather Belting (J E Robertson & Co) 811 Mills B.....El Paso 90

SHERMAN

Alexander Bros Leather Belting (Hardwicke-Etter Co) .....Sherman 25

UTAH

SALT LAKE CITY

Alexander Bros Leather Belting (The Galigher Machinery Co) 103 W 2d S...Main 584

WASHINGTON

SEATTLE

Alexander Bros Leather Belting (Mill & Mine Supply Co), 317, 1st S.....Main 1167

WISCONSIN

LA CROSSE

Alexander Bros Leather Belting (La Crosse Plumbing Supply Co) 216 S Front..La Crosse 260

MILWAUKEE

Alexander Bros Leather Belting (Pb Gross Hdw Co) 218, 3d.....Grand 1116

LEATHER BOOKBINDING AND BLANK BOOK MANUFACTURERS

ILLINOIS

CHICAGO

Molloy David J Co The, 633 Plymouth ct.Harrison 358

LEATHER BRIEF CASES PORTFOLIOS, SPCLTS & NOVELTIES

ILLINOIS

CHICAGO

Mashek Frank & Co, 1914-16 Milwaukee av .....Humboldt 772

NEW YORK

NEW YORK CITY

General Leather Goods Co, 1170 Bway..Mad Sq 4230
Keystone Leather Goods Co Inc, 469-475 Broome .....Canal 3930

LEATHER—CASE LINING AND FANCY SKIVERS

CONNECTICUT

BETHEL

Shepard Geo A & Sons Co The, Henry st.Danbury 1340

LEATHER—COWHIDE & BOOKBINDING

OHIO

ASHTABULA

Ashtabula Hide & Leather Co The, 3-4 Main.Main 1014

LEATHER FINISHES AND STAINS

MASSACHUSETTS

BOSTON

S & F Blacking Co, 258 Purchase.....Fort Hill 1531

LEATHER—FURNITURE AND AUTOMOBILE

ILLINOIS

CHICAGO

Pick Richard Mfg Co, 224 N Wells.....Main 1545

LEATHER—GLOVE BAG & STRAP

OHIO

ASHTABULA

Ashtabula Hide & Leather Co The, 3-4 Main.Main 1014

LEATHER GOODS

NEW YORK

NEW YORK CITY

Moos Herbert, 36 East 21st.....Gramercy 1174
Wolf Chas W, 22 Cortland.....Cortland 2923
See our Catalog Space, page 967

LEATHER GOODS (MNFRS.)

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison .....Main 3482

MASSACHUSETTS

BOSTON

Peerless Leather Goods Co, 19 High.....Main 1866

NEW YORK

NEW YORK CITY

Cauter E A, 204 Church.....Worth 3373
Florin Philip, 465-467 Broome.....Canal 3744
Lamb Geo D, 337 Broadway.....Franklin 3359

LEATHER GOODS (PHYSICIANS)

ILLINOIS

CHICAGO

Western Leather Mfg Co, 184-186-188 W Lake .....Main 232

LEATHER GOODS—BELTS AND NOVELTIES

NEW YORK

NEW YORK CITY

Enterprise Mfg Co, 15 E 17th.....Stuyvesant 3797

LEATHER GOODS—FANCY

NEW YORK

NEW YORK CITY

Rumpp C F & Sons Inc, 411-413 Fifth av .....Murray Hill 4541
Simmons N, 37 E 12th.....Stuyvesnt 2105

PENNSYLVANIA

PHILADELPHIA

Rumpp C F & Sons Inc, 5th and Cherry .....Bell-Market 2182
.....Keystone-Main 994

LEATHER GOODS, FOR JOBBING TRADE

NEW YORK

NEW YORK CITY

Simmons N, 37 E 12th.....Stuyvesnt 2105

LEATHER GOODS—LADIES' HAND BAGS AND BELTS

NEW YORK

NEW YORK CITY

Shenfeld A & Sons, 101 Crosby.....Spring 6950

LEATHER GOODS, MACHINERY

OHIO

CINCINNATI

International Harness Machinery Co, The, 708 Broadway .....Canal 4622

LEATHER GOODS, MEN'S BELTS, LADIES' PURSES

PENNSYLVANIA

WILLIAMSPORT

Williamsport Leather Goods Co, 941 Nichols pl .....Williamsport 52

LEATHER GOODS, MEN'S COLLAR BAGS, LADIES' HAND BAGS, ETC.

MASSACHUSETTS

BOSTON

Ryan-Cushing Co, 120 Summer.....Fort Hill 2036

LEATHER GOODS, NOVELTIES—WHOLESALE

NEW YORK

NEW YORK CITY

Shulman & Sons (Billfolders, Card Cases, Hand bags, Purses, Pocket books, Wristbands, Good and Reasonable) 109-111 Ludlow....Orchard 5827

LEATHER GOODS—TRAVELING & MANICURE SETS, NOVELTIES

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston.....Spring 2367

LEATHER HANDLES AND CORNERS

NEW JERSEY

NEWARK

Specialty Handle Mfg Co The, 115 N J R R av.....Mulberry 790

LEATHER AND IMITATION LEATHER TRIMMINGS

INDIANA

CONNORSVILLE

Carter George R Company The (Nail Moldings, Welts, Gimps, Robe Rails, Straps) 16th and Kentucky av...Connorsville 543

LEATHER MACHINERY

DELAWARE

WILMINGTON

Slocomb F F & Co Inc, 14th and Poplar.....Wilmington 778

LEATHER MANUFACTURERS

NEW JERSEY

NEWARK

Hertz Max Leather Co, 54-78 Oliver....Mulberry 2671

OHIO

ASHTABULA

Ashtabula Hide & Leather Co The, 3-4 Main.Main 1014

LEATHER MFRS. CARRIAGE—AUTO—FURNITURE—GLOVE & BAG

OHIO

CONNEAUT

Conneaut Leather Co The.....Main 1298

LEATHER MFRS. MOROCCOS, SKIVERS, ETC.

MASSACHUSETTS

BOSTON

White Son Co, 530-540 Atlantic av.....Main 196

LEATHER—MNFRS. UPPER SHOE LEATHERS

ILLINOIS

CHICAGO

Monarch Leather Co, Division and North Branch sts.....Diversey 2451

MASSACHUSETTS

BOSTON

Monarch Leather Co, 92 South.....Beach 2213

NEW YORK

NEW YORK CITY

Monarch Leather Co, 26 Ferry.....Beekman 2730

OHIO

GIRARD

Ohio Leather Co The, State.....Girard 182

LEATHER MERCHANTS—FANCY LEATHER

NEW YORK

NEW YORK CITY

Kasnowitz E (We manufacture Skivers and Sheep, also all kinds of buffing, especially case buffing in all colors, including black) 82 Gold.Beekman 4614

LEATHER NOVELTIES

NEW YORK

NEW YORK CITY

Levy & Merzbach, 1261 Broadway.Madison Square 2118

LEATHER PACKING, HYDRAULIC AND PNEUMATIC

MICHIGAN

DETROIT

Michigan Leather Packing Co, 110 St Antoine st.....Cherry 1519

LEATHER PACKINGS

PENNSYLVANIA

CHESTER

Consolidated Belting Co (Oak and Chrome Packings, also Hycalibre Oak Tanned Leather Belting) 2 Jeffrey.....Chester 830

LEATHER POCKET BOOKS AND NOVELTIES

NEW YORK

NEW YORK CITY

Stember John & Co, 821 Broadway.....Stuyvsnt 3037

LEATHER PUTTEES

NEW YORK

NEW YORK CITY

Colt-Cromwell Co Inc, 149 W 36th.....Greeley 3367

LEATHER REMNANTS & LEATHER

NEW YORK

NEW YORK CITY

Steinberg & Tapman Co, cor Willoughby & Nostrand ave Bklyn.....Williamsburg 1541

LEATHER—RUSSETT, REMNANTS & SCRAP

NEW JERSEY

NEWARK

Gorewitz Max, 52-58 Branford.....Waverly 2814

LEATHER, SHOE SUPPLIES, FOR MFRS. AND REPAIRERS

CALIFORNIA

SAN FRANCISCO

Dolliver & Bro, 619-21 Mission.....Sutter 3141

LEATHER SKIVING MACHINES

NEW YORK

NEW YORK CITY

Fortuna Machine Co, 127 Duane.....Worth 5354

LEATHER STRAPS

NEW JERSEY

NEWARK

Specialty Handle Mfg Co The, 115 N J R R av.....Mulberry 790

LEATHER STRAPS AND COTTON WEB STRAP MANUFACTURER

OHIO

CINCINNATI

Leather Products Co, The, 715 Carr .....West 6

LEATHER STRAPS & LEATHER SPECIALTIES

KANSAS

ATCHISON

Atchison Leather Products Co, 816 Commercial .....Atchison 797

MISSOURI

ST LOUIS

Ulbright J C Mfg Co, 307 S Second .....Bell-Olive 3631 Kinloch-Central 5619-R

NEW YORK

NEW YORK CITY

Leather Goods Mfg Co, 460 Broome.....Spring 8393
Lefkowitz Louis & Bro Inc, 1-17 Greene..Canal 3770

LEATHER SUBSTITUTES

NEW YORK

NEW YORK CITY

O'Bannon Corporation, 200, 5th av....Gramercy 5241

LEATHER—SUBSTITUTES—IMITATION—ARTIFICIAL

DELAWARE

WILMINGTON

DuPont Fabrikoid Company, DuPont bldg .....Wilmington 1720

LEATHER SUBSTITUTES—IMITATION—ARTIFICIAL—CONT'D.

MASSACHUSETTS

BOSTON

Endura Mfg Co (John D Young & Sons Co) 39 Lincoln.....Beach 357

MICHIGAN

DETROIT

DuPont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

MISSOURI

ST LOUIS

Endura Mfg Co (Niedringhaus & Koeneke) 108 S Main.....Main 565

NEW YORK

NEW YORK CITY

DuPont Fabrikoid Company, Equitable bldg 120 Bway .....Rector 5720
Endura Mfg Co 45 Lafayette.....Franklin 1885

OHIO

CINCINNATI

Endura Mfg Co (W A Lippincott Co) 713 Sycamore .....Canal 4217

PENNSYLVANIA

PHILADELPHIA

Endura Mfg Co 63d & Eastwick av.....Woodland 630

LEATHER SUSPENDER TRIMMINGS

NEW YORK

NEW YORK CITY

osenberg Bros (Leather Trimmings Cut r All Trades), 574 Belmont av.East New York 759

PENNSYLVANIA

WILLIAMSPORT

Parker & Hafner (We are cutters of light-leather Specialties for the Manufacturing trades) 643 Elmira.Williamsport 78

LEATHER WASHERS, ALL KINDS

MISSOURI

ST LOUIS

Ulbricht J C Mfg Co, 307 S Second .....Bell-Olive 3631 Kinloch-Central 5619-R

LECTURE SLIDES

NEW YORK

NEW YORK CITY

Greater New York Slide Co Inc, 154 W 15th .....Bryant 2825

LEDGERS, MFG. X-RAY LEDGERS

IOWA

CEDAR RAPIDS

Lefebure Ledger Co, 101 E av W..Cedar Rapids 619

LEECHES FOR MEDICAL USE

NEW YORK

NEW YORK CITY

Aquarium Stock Co, 150 Chambers .....Barclay 5392

LEGAL BLANKS

ILLINOIS

CHICAGO

Perfection Legal Blank Co (Legal Blanks, Stock, Bond and Law Printing), 172 W Washington .....Franklin 4444

LEGAL EXPERT ACCOUNTANTS

OHIO

COLUMBUS

Hofman Frederic B, 280 South High, (Ground Floor) .....Bell-Main 3939 Ohio State 4266

LEGGING & PUTTEE MNFRS. NOVELTIES

NEW YORK

NEW YORK CITY

Hoffenberg A & Son, 820 Bway.....Stuyvsnt 1233

LEGGINGS—CANVAS, LEATHER PUTTEE & OVERGAITER MFRS.

NEW YORK

NEW YORK CITY

Goodwear Leather Manufacturing Co Inc, 65-67 W Houston.....Spring 7451

LEGGINGS, LEATHER & CANVAS

NEW YORK

NEW YORK CITY

Klein Bros Leather Goods Corp ("K B Brand") 439 Lafayette .....Spring 2167

LEGGINGS, OVERGAITERS & SLIPPERS

NEW YORK

NEW YORK CITY

Greilich Wm & Sons Inc, Marbridge bldg 47 W 34th .....Greeley 5606

LEGGINGS AND PUTTEES

NEW YORK

NEW YORK CITY

B-E Manufacturing Co The, 18-22 W 18th.Chelsea 5053

LEGGINGS, SANDALS, SHOES, SLIPPERS & OVERGAITERS

NEW YORK

NEW YORK CITY

Kaufmann, Emil Co, Park av and 129th st.Harlem 532

LENS—MAGNIFIERS FOR SCALES, ETC.

OHIO

DAYTON

Dayton Art Glass Works, 400 East First....Main 1778

LETTER BROKERS

ILLINOIS

CHICAGO

Guild Company, 30 N Dearborn .....Central 6964
Hudson Letter Co, 9 S Clinton.....Franklin 5258

NEW YORK

NEW YORK CITY

Guild Company, 65 Duane.....Worth 1728

LETTER COPYING BOOKS, WAY-BILL AND INVOICE BOOKS

NEW YORK

NEW YORK CITY

Boorum & Pease Co, 84 Hudson av, Bklyn..Main 7986
See our Catalog Space, page 923

LETTER COPYING MACHINES

NEW YORK

NEW YORK CITY

Roneo Company, 117-119 Leonard.....Franklin 3000

LETTER FILE SUPPLIES

NEW YORK

NEW YORK CITY

Koller & Smith Company Inc, 159 Leonard .....Franklin 980

LETTER FILES

GEORGIA

ATLANTA

American Box & File Company, 132 Davis...Main 2337

LETTER FILES—STEEL

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick .....Bell-Main 1250 Ohio State 2250

LETTER HEADS ENGRAVED STEEL DIE, EMBOSSED

ILLINOIS

CHICAGO

Cole Lithographing Co, 3027 Wabash av..Calumet 6223

LETTERS (ADVERTISING)

ILLINOIS

CHICAGO

Imitation Typewriting & Addressing Co, 71 W Randolph .....Central 3333

LETTERS (ILLUSTRATED)

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl.....Harrison 83
See our Catalog Space, page 908

LETTERS & FIGURES, STEEL MNFRS.

ILLINOIS

CHICAGO

R & S Engraving & Die Works, 62 Clinton .....

NEW YORK

NEW YORK CITY

Keene Fred H, 119 Church.....Barclay 7195

LETTERS—SALES

GEORGIA

ATLANTA

Fuller H B, 223 Arcade.....Main 5300

LEVEL AND GRADE FINDER (COMBINED) MFRS.

PENNSYLVANIA

RAILROAD, YORK COUNTY

Helb Edward, Railroad, York County ..Shrewsbury 3-2

LEVELS

MICHIGAN

DETROIT

Sand J & Sons, 1028-29 Rivard.....Ridge 6097

LIBERTY BOND CLUB SUPPLIES

OHIO

CLEVELAND

Forman-Bassett Co The, 1427-1433 W 3d ..... Bell-Main 4492
.....Ohio State-Central 1361

LIBRARY NEWSPAPER FILES AND MAGAZINE BINDERS

NEW YORK

NEW YORK CITY

Universal Binder The, 7 East 14th....Stuyvesant 2639

LICORICE PRODUCTS

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

LIFE BOAT GEAR, DAVITS, RELEASING HOOKS, CHOCKS, ETC.

NEW YORK

NEW YORK CITY

Steward Davit & Equipment Corpn, 17 Battery pl .....Rector 6679
See our Catalog Space, page 1007

LIFE BOATS, RAFTS & EQUIPMENT

NEW YORK

NEW YORK CITY

Galbraith C C & Son, 90 West.....Rector 6246

LIFE BOATS, RAFTS, EQUIPMENT AND REPAIRS

NEW YORK

NEW YORK CITY

Neptune Boat Works (Wooden and Metallic, Also Motor Boats), King & Dwight, Bklyn.Hamilton 1244

LIFE SAVING APPLIANCES

NEW YORK

NEW YORK CITY

Indestructible Ring Life Buoy Co, 97 Pacific, Bklyn Main-1921

LIGHTERAGE

NEW YORK

NEW YORK CITY

Barton Edward J Lighterage Co, 59 Pearl..Broad 4613
See our Catalog Space, page 957
Lees' Lighters, 44 Whitehall.....Bowling Green 9500
Merritt & Chapman Derrick & Wrecking Co, 17 Battery pl .....Rector 820

LIGHTERAGE, DIVERS, TOWBOATS, WRECKERS

MASSACHUSETTS

BOSTON

Scott T A Inc The, 400 Border.....East Boston 830

LIGHTING

CALIFORNIA

SAN FRANCISCO

National X-Ray Reflector Co (F S Mills, Resident Engineer), Bankers Investment bldg, 742 Market.....Sutter 3126

ILLINOIS

CHICAGO

National X-Ray Reflector Co (Norman B Hickox, Sales Mgr) 235 W Jackson bl .....Wabash 2982

MINNESOTA

MINNEAPOLIS

National X-Ray Reflector Co (I M Kirlin, Resident Engineer) Lumber Exchange....Main 4478

MISSOURI

ST LOUIS

National X-Ray Reflector Co (F E Lauderbach, Resident Engineer) Bell-Olive 2492
917 Pine .....Kinloch-Central 629

NEW YORK

NEW YORK CITY

National X-Ray Reflector Co (R B Corby, Mngr) 31 W 46th.....Bryant 6843

PENNSYLVANIA

PHILADELPHIA

National X-Ray Reflector Co (Brown-White Inc., Resident Engineers) Colonial Trust Co bldg.....Walnut 6426

LIGHTING & COOKING SYSTEMS, ACETYLENE GENERATORS

ILLINOIS

CHICAGO

Detmer Manufacturing Company, 2518-2520 Archer av .....Drover 2762

LIGHTING FIXTURE MNFRS. (ALL KINDS)

CALIFORNIA

SAN FRANCISCO

Luminous Unit Co (Brascolite) Lick bldg..Sutter 6726
See our Catalog Space, page 968

GEORGIA

ATLANTA

Luminous Unit Co (Brascolite), Healey bldg..Ivy 8011
See our Catalog Space, page 968

ILLINOIS

CHICAGO

Luminous Unit Co (Brascolite), 19 S Wells..Main 2336
See our Catalog Space, page 968

MASSACHUSETTS

BOSTON

Luminous Unit Co (Brascolite) Old South bldg .....Main 3251
See our Catalog Space, page 968

MINNESOTA

MINNEAPOLIS

Luminous Unit Co (Brascolite), 223 S 5th av .....Nicollet 5123
See our Catalog Space, page 968

MISSOURI

ST LOUIS

Luminous Unit Co (Brascolite) Bell-Bomont 3200
2615 Washington .....Kinloch-Central 1980
See our Catalog Space, page 968
St Louis Brass Mfg Co, 2615 Washington av ..... Bell-Bomont 3200
.....Kinloch-Central 1980
See our Catalog Space, page 968

NEW YORK

NEW YORK CITY

Luminous Unit Co (Brascolite) 30 Church .....Cortland 3339
See our Catalog Space, page 968

OHIO

CINCINNATI

Luminous Unit Co (Brascolite), Johnston bldg ..... Main 710
See our Catalog Space, page 968

PENNSYLVANIA

PHILADELPHIA

Luminous Unit Co (Brascolite) Land Bell-Spruce 5157
Title bldg .....Keystone-Race 3471
See our Catalog Space, page 968

LIGHTING FIXTURES

ILLINOIS

CHICAGO

Peerless Light Co, 174 W Randolph.....Main 4640

INDIANA

MUNCIE

Retherford Bros Co, 1 Broadway.....Main 484

MASSACHUSETTS

BOSTON

Globe Gas Light Company, 37 Union..Richmond 561

NEW YORK

NEW YORK CITY

Artistic Lighting Fixture Corp, 21-25 E Houston .....Spring 3733
Findlay Robt Mfg Co, 28 Warren.....Barclay 7347
See our Catalog Space, page 970
Walter G E (Exclusive Designs—Antique or Modern Periods) 155-157 E44th.Murray Hill 4460

OHIO

CLEVELAND

Scott-Ullman Co The, 3400 Perkins av..Rosedale 6136

LIGHTING FIXTURES (FOR ALL PURPOSES)

ILLINOIS

CHICAGO

Brascolite (Monarch Electric & Wire Co, Distributors), N E Corner Adams and Desplaines ..... Monroe 4949
See our Catalog Space, page 968

QUINCY

Brascolite (Gem City Electric Co, Distributors) 710 Main ..... Main 545
See our Catalog Space, page 968

KENTUCKY

LOUISVILLE

Brascolite (H C Tafel Electric Co, Distributors), 236 W Jefferson... Main 985-A
See our Catalog Space, page 968

LOUISIANA

NEW ORLEANS

Brascolite (Electrical Supply Co, Distributors) 326-8 Camp ..... Main 1402
See our Catalog Space, page 968

MINNESOTA

MINNEAPOLIS

Brascolite (The R M Baird Co, Distributors) 223-25 S Fifth..... Bell-Main 6436, Tri State 39013
See our Catalog Space, page 968

MISSOURI

ST LOUIS

Reflectolyte Company The, 914 Pine..... Main 4100
See our Catalog Space, page 969

MONTANA

BUTTE

Brascolite (The Montana Electric Co, Distributors) 50-52 E Broadway..... Butte 15
See our Catalog Space, page 968

NEW YORK

ROCHESTER

Brascolite (Wheeler-Greene Electric Co, Distributors) 29-33 St Paul..... Main 2912
See our Catalog Space, page 968

OHIO

DAYTON

Brascolite (The William Hall Electric Co, Distributors) 115-117 E Third. Bell-Main 1601, Ohio State 3174
See our Catalog Space, page 968

RHODE ISLAND

PROVIDENCE

Brascolite (The Union Electric Supply Co, Distributors) 60 Pine..... Union 4528
See our Catalog Space, page 968

TENNESSEE

NASHVILLE

Brascolite (Herbrick & Lawrence, Distributors) 607 Church ..... Main 1405
See our Catalog Space, page 968

TEXAS

HOUSTON

Brascolite (The Brown-Woods Electric Co, Distributors), 709 Travis ..... Preston 794
See our Catalog Space, page 968

WISCONSIN

MILWAUKEE

Brascolite (Grassler & Gezelschap, Distributors) 214 Third..... Grand 932
See our Catalog Space, page 968

LIGHTING FIXTURES, ELECTRIC

MISSOURI

ST LOUIS

Luminous Unit Co, 2615 Washington av ..... Bell-Bomont 3200, Kinloch-Central 1980
See our Catalog Space, page 968

LIGHTING FIXTURES ELECTRIC (EXPORTERS)

NEW YORK

NEW YORK CITY

Brascolite (Theodore Stave Company, Distributors) 30 Church..... Cortland 656
See our Catalog Space, page 968

LIGHTING FIXTURES ELECTRIC (FOR ALL PURPOSES)

CALIFORNIA

SAN FRANCISCO

Reflectolyte Company The (J A Drummond, Distributors) 245 Mission..... Douglas 3424
See our Catalog Space, page 969

GEORGIA

ATLANTA

Reflectolyte Company The (Fulton Electric Co, Distributors) 12 Walton st..... Ivy 6180
See our Catalog Space, page 969

ILLINOIS

CHICAGO

Brascolite (Illinois Electric Co, Distributors), 314 W Madison ..... Main 4450
See our Catalog Space, page 968

Reflectolyte Co The (Freeman-Sweet Company, Distributors) 608 S Dearborn..... Harrison 4131
See our Catalog Space, page 969

ROCK ISLAND

Brascolite (Marron Manufacturing Co, Distributors) Electric bldg..... Rock Island 808
See our Catalog Space, page 968

KANSAS

WICHITA

Brascolite (Southwestern Electric Co, Distributors), 123 N Market..... Douglas 938
See our Catalog Space, page 968

LOUISIANA

NEW ORLEANS

Reflectolyte Company The (Lyman C Reed, Distributors) 821 Union..... Main B-76
See our Catalog Space, page 969

MASSACHUSETTS

BOSTON

Brascolite (Stuart-Howland Company, Distributors) cor Congress and Purchase ..... Fort Hill 3400
See our Catalog Space, page 968

MICHIGAN

DETROIT

Reflectolyte Company The (Frank Adam Electric Co, Distributors) Ford bldg..... Cadillac 7604
See our Catalog Space, page 969

MISSOURI

ST LOUIS

Brascolite (Commercial Electrical Supply Co, Distributors) N E cor 15th and Pine ..... Bell-Main 1292, Kinloch-Central 3835
See our Catalog Space, page 968

Brascolite (Wesco Supply Co, Distributors) Seventh and Clark av..... Main 3230
See our Catalog Space, page 968

NEW JERSEY

NEWARK

Reflectolyte Company The (Agens & Co, Distributors) 219 Market..... Mulberry 144
See our Catalog Space, page 969

NEW YORK

NEW YORK CITY

Brascolite (Northwestern Electric Equipment Co, Distributors) 85 Vestry..... Canal 9080
See our Catalog Space, page 968

OKLAHOMA

OKLAHOMA CITY

Brascolite (Nunn Electric Co, Distributors) 215 W 1st ..... Walnut 1878
See our Catalog Space, page 968

PENNSYLVANIA

ERIE

Reflectolytes-Star Electrical Co, Distributors 14 W 11th..... Erie 3478
See our Catalog Space, page 969

PHILADELPHIA

Brascolite (Frank H Stewart Electric Co, Distributors) 37 N 7th..... Walnut 4700
See our Catalog Space, page 968

TEXAS

DALLAS

Brascolite (Nunn Electric Co, Distributors) 1618 Main ..... Bell-Main 2404, Automatic-Main-1448
See our Catalog Space, page 968

Reflectolyte Company The (R S Wakefield, Distributor) Busch bldg..... Main 6581
See our Catalog Space, page 969

WASHINGTON

SPOKANE

Brascolite (The Washington Electric Supply Co, Distributors) 907 Riverside av..... Main 3280
See our Catalog Space, page 968

LIGHTING FIXTURES (COMPOSITION) ELECTRO PLATED

ILLINOIS

CHICAGO

Schmidt Alvin A, 4447-4453 Ravenswood av ..... Ravenswood 3134

LIGHTING FIXTURES—GAS & ELECTRIC

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877, 620 East 14th..... Forsyth 9280

LIGHTING FIXTURES, HAND HAMMERED ANTIQUES

ILLINOIS

CHICAGO

Johnson-Meier Co, 155-157 Wendell..... Superior 5205

LIGHTING FIXTURES, RESIDENCES AND COMMERCIAL

OHIO

CLEVELAND

Art Metal Mfg Co E 61st and Curtis av. Rosedale 27

LIGHTING AND LIGHTING FIXTURES FOR ALL PURPOSES

WISCONSIN

LA CROSSE

Brascolite (W A Roosevelt Co, Distributors) ..... La Crosse 25
See our Catalog Space, page 968

LIGHTING SPECIALTIES

PENNSYLVANIA

PITTSBURGH

Bailey Reflector Company, 617-19-21 Second av ..... Court 2162

LIGHTNING CONDUCTORS

ILLINOIS

CHICAGO

Arrow Conductor & Mfg Co, 1536 W Adams .....Monroe 3007

PENNSYLVANIA

PITTSBURGH

Kress Geo R Co, 1900 Brighton rd.....Cedar 2407

LIGHTNING CONDUCTORS, MFRS. AND CONSTRUCTORS

MISSOURI

ST LOUIS

Bajohr Carl Lightning Conductor Co The, 4051 Keokuk .....Sidney 661

LIGHTNING PROTECTIVE EQUIPMENT

NEW JERSEY

NEWARK

Shaw Lightning Arrester and Insulator Works, 5 Kirk pl .....Market 1575

LIGHTNING ROD EQUIPMENT AND ERECTIONS

NEW YORK

NEW YORK CITY

Jones Thomas W, 153 Maiden Lane.....John 1668

LIGHTNING RODS

ILLINOIS

CHICAGO

Hillesheim Fred Chimney Construction Co, 434 Belden av.....Diversey 2721

Shinn W C Mfg Co ("Shinn Flat" Copper Cable Concealed System) Monadnock blk .....Harrison 528

NEW YORK

NEW YORK CITY

Washburne E G & Co, 207 Fulton.....Cortland 3125

WISCONSIN

BURLINGTON

Security Lightning Rod Co, 606-612 S Pine .....Burlington 18

LIGHTS, PORTABLE CARBIDE

DISTRICT OF COLUMBIA

WASHINGTON

Milburn Alexander Co The, 711, 13th st N W.....Main 3934

See our Catalog Space, page 1024

ILLINOIS

CHICAGO

Milburn Alexander Co The, Kimball bldg.Harrison 1809

See our Catalog Space, page 1024

MARYLAND

BALTIMORE

Milburn, Alexander Co The, 1420 W Baltimore .....Gilmor 3640

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NEW YORK

NEW YORK CITY

Milburn Alexander Co The, 51 E 42d....Murry Hill 2287

See our Catalog Space, page 1024

PENNSYLVANIA

PITTSBURGH

Milburn Alexander Co The, Bessemer bldg..Court 891

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LIME

ILLINOIS

CHICAGO

Allwood Lime Co, 30 N Dearborn.....Randolph 897

See our Catalog Space, page 970

Chicago Union Lime Wks Co, 1900 W 19th..Canal 388

QUINCY

Black White Lime Co The, Illinois State Bank bldg.....Main 893-J

NEW YORK

NEW YORK CITY

Palmer Lime & Cement Co, 103 Park av .....Murray Hill 2585

See our Catalog Space, page 970

LIME, CRUSHED STONE & PULVERIZED LIME STONE

IOWA

DUBUQUE

Eagle Point Lime Works, Eagle Point....Dubuque 629

LIME KILNS, HYDRATING PLANTS, & SPECIAL MACHINERY

NEW YORK

NEW YORK CITY

Steacy-Schmidt Mfg Co, 50 Church.....Cortland 4056

PENNSYLVANIA

YORK

Steacy-Schmidt Mfg Co, 230 Hay Bell-York 231
.....York-236-D

LIME, POLISHING & DAIRY

ILLINOIS

CHICAGO

Allwood Lime Co, 30 N Dearborn.....Randolph 897

See our Catalog Space, page 970

LIME SACK MNFRS.

NEW YORK

NEW YORK CITY

Miller, Tompkins & Co, 487 Washington...Canal 9075

LIMOUSINE VASES

NEW YORK

CORNING

Hawkes T G & Co, 77 W Market.....Corning 114

LINEN CRASHES

NEW YORK

NEW YORK CITY

Andrews Robert Company, 115-117 Franklin .....Franklin 3880

LINENS—DECORATIVE

NEW YORK

NEW YORK CITY

Salinger & Magnus, 912-920 Broadway.Gramercy 564

LINENS FOR HOTELS

NEW YORK

NEW YORK CITY

Baker H W Linen Co, 41 Worth.....Franklin 5264

LINENS FOR HOTELS AND RESTAURANTS

ILLINOIS

CHICAGO

Cross-Wells Co The, 17-19 S Wabash av.Randolph 6187

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978

LINENS, HOTEL & HOSPITAL

MINNESOTA

DULUTH

Duluth Linen Co, 228 East 1st Bell-Melrose 1507
.....Zenith-Grand 1507

LINES, BRAIDED—FISH

NEW YORK

HOMER

Newton Line Co .....Homer 31-J

LINK-BELTING

ILLINOIS

ST CHARLES

Moline Malleable Iron Co, West St Charles .....St Charles 9

PENNSYLVANIA

PHILADELPHIA

Moline Malleable Iron Co, 1357 Ridge av...Poplar 589

LINK BELTING—STEEL

CONNECTICUT

BRIDGEPORT

Locke Steel Chain Co The.....Barnum 5737

LINOLEUM CEMENT

MASSACHUSETTS

BOSTON

Ferdinand L W & Co, 152 Kneeland.....Beach 4998

LINOLEUM, LIQUID COMPOUND, WEAR & DUST PROOF

ILLINOIS

CHICAGO

Wearcrete Engineering Co (Rezilite), Peoples Gas bldg .....Harrison 2223

LINOLEUM MACHINERY

CONNECTICUT

ANSONIA

Farrel Foundry & Machine Co, 30 Main....Derby 148

PENNSYLVANIA

PHILADELPHIA

Rich J & G Co, 120-122 N Sixth.....Market 2961

LINOLEUM PRESERVATIVES

NEBRASKA

OMAHA

Universal Chemical Co, 314-16 S 12th...Douglas 8747

LINOLEUMS

ILLINOIS

CHICAGO

Wood Guilford S, 20 W Jackson bl ..Harrison 2942

NEW JERSEY

TRENTON

Cook's Linoleum Co .....Trenton 4100

NEW YORK

NEW YORK CITY

Adler H Leonard & Co, 2 & 4 Stone.....Broad 1309
Emery-Christopher Co, 149 Broadway...Cortland 1942
Manges Simon & Son, 83 Ave A.....Orchard 6686
See our Catalog Space, page 928
Nestler Bros (Linoleums in all Qualities and Patterns. Plain & Parquet Effects. For Residence, Private Institutions, Home & Office) 126 First av .....Orchard 4150

LINOLEUMS & CORK CARPETS

ILLINOIS

CHICAGO

Richardson O W & Co, Wabash av and Congress .....Harrison 6931

LINOTYPE COMPOSITION

ILLINOIS

CHICAGO

Chicago Typesetting Co, 727 S Dearborn. Harrison 883
Smith McCarthy Typesetting Co, Bell-Harrison 3864
508 S Dearborn.....Automatic 51-282

OHIO

CINCINNATI

Quality Linotyping Co, 120 E 6th.....Canal 4417

LINOTYPE & MONOTYPE COMPOSITION

ILLINOIS

CHICAGO

Standard Typesetting Co, 701 S Bell-Harrison 4630
Lasalle .....Automatic 54-689

LINSEED OIL

NEW YORK

NEW YORK CITY

Federal Supply & Mfg Co Inc The, 2 Stone. Broad 2433

LIQUID AIR

MASSACHUSETTS

BOSTON

Schofield's Liquid-Air Co, 248 Boylston. Back Bay 6715

LIQUID CORE COMPOUND

OHIO

CLEVELAND

Crawford Specialty Mfg Co The, Bell-Main 7108
Blackstone bldg .....Ohio State-Central 1424-W
Smith Werner G Co The, Hird and Detroit av .....Marlo 3520

LIQUID SOAP

ILLINOIS

CHICAGO

Robertson Theo B Products Co Inc, 700-704 W Division.....Diversey 4110

MISSOURI

KANSAS CITY

K C Disinfecting & Mfg Co, 112-14 Bell-Main 707
West 7th .....Home-Main 775

NEW YORK

NEW YORK CITY

Clifton Chemical Co, 317-19 Greenwich Worth 1680
Frank P M Disinfecting Co (Awarded in Competitive Tests U S Government Contract) 91 Bleecker .....Spring 8250

LIQUID SOAP DISPENSERS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

LIQUOR DEALERS REVENUE BOOKS

ILLINOIS

CHICAGO

McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

LISTS, ALL CLASSIFICATIONS

NEW YORK

NEW YORK CITY

Boyd's City Dispatch, 19 Beekman.....Beekman 4540

LISTS, EXPORT, IMPORT, SHIP BUILDERS AND MNFRS.

NEW YORK

NEW YORK CITY

Wendel H F (Guide of 200,000 mnfrs, List of 2,000 Export-Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau .....Cortland 7630

LISTS—MAIL ADVERTISING & PURCHASING

MISSOURI

ST LOUIS

Ross-Gould List and Letter Co, 1037-D Olive .....Olive 3602

LITHOGRAPH DIE CUTTING, MOUNTING, ETC.

NEW YORK

NEW YORK CITY

Usoskin Ed Inc, 230 W 17th.....Chelsea 6438

LITHOGRAPHERS

CALIFORNIA

SAN FRANCISCO

Schmidt Lithograph Co, 2d and Bryant..Douglas 200

ILLINOIS

CHICAGO

Edwards & Deutsch Lithographing Co, 2320-32 S Wabash av .....Calumet 2667
Erie Lithographing & Printing Co, 168 N Michigan av .....Majestic 8340
Goes Lithographing Co, 42 W 61st....Wentworth 452
Marquette Lithograph Co, 730-740 N Franklin .....Superior 8855
Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505
Weber Lithographing Co, 426-32 S Clinton .....Harrison 1216

KENTUCKY

LOUISVILLE

Courier Journal Job Printing Co, 316- Bell-Main 86
326 W Green.....Home-City 67

MICHIGAN

DETROIT

Edwards & Deutsch Lithographing Co (Karl F F Kurth, Rep), Free Press bldg.....Cadillac 2490

GRAND RAPIDS

Edwards & Deutsch Lithographing Co Bell-Main 2686
(Stone & Greene, Rep), Perkins bldg. Citizens 2394

MINNESOTA

MINNEAPOLIS

Edwards & Deutsch Lithographing Co (T U Brown & Co, Rep), Metropolitan bldg.....Main 805

MISSOURI

KANSAS CITY

Edwards & Deutsch Lithographing Co (M R Chesney Adv Co Inc, Rep), Bell-Main 4137
Graphic Arts bldg ..... Home-Main 3061

NEW YORK

NEW YORK CITY

Edwards & Deutsch Lithographing Co (J E Hager Co, Rep), 156 Fifth av .....Chelsea 9967
Erie Lithographing & Printing Co, Marbridge bldg .....Greeley 3606
Gutmann Ferdinand & Co, 134 W 29th..Farragut 9780
Krause Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965
Lutz & Sheinkman (Stationery, Cards, Labels, Stock Certificates, Colorwork) 2 Duane .....Beekman 4293
O'Brien J J & Son, 122 E 23d.....Gramercy 5920
Pasbach-Voice Lithographing Co, Inc, 210, 11th av .....Chelsea 6420
Ritterband, Reed & Co, Inc, (We are Letterhead Specialists. Letterheads lithographed on Marion Bond, create the right impression. Ask for samples) 54-60 Lafayette .....Franklin 4270
Schmitt George & Co Inc (Established 1874, High Grade Color Work, Specialties, Cigar & Perfume Labels and Seals, Candy & Handkerchief Box Tops) Grand and Florence, Bklyn..Stagg 61
Usoskin Ed Inc (Complete Window Displays, Posters, Car Signs, Cut-Outs, Specializing in Short Runs), 230 W 17th.....Chelsea 6438

TROY

Burleigh Lithographing Co, 361 River .....Troy 1086

OHIO

CINCINNATI

Hennegan & Co, 811-321 Genesee.....Canal 4752
Progress Lithographing Co The, 1029-35 York .....West 51
Strobridge Lithographing Co The, 108 W Canal. .....Canal 2930

CLEVELAND

Central Lithograph Co The, 118 St Clair N E Vulcan bldg.....Main 2680
Morgan Lithograph Co, St Clair and E 3d...Main 2686
Wilcox H H Lithograph Co, (Posters, Hangers, Cut-outs, Window Trims), 772 E 82d ..... Rosedale 1392

COLUMBUS

Edwards & Deutsch Lithographing Co (E E Grant, Rep), 2 E Patterson av.....Ohio State 11813

PENNSYLVANIA

ERIE

Erie Lithographing & Printing Co 10-28 West 4th.....Bell-Erie 955 Mutual 308

PHILADELPHIA

Ketterlinus Lithographic Mfg Co, 4th and Arch .....Market 1623

WISCONSIN

MILWAUKEE

Edwards & Deutsch Lithographing Co (Clifford A Loew, Rep), Majestic bldg .....Grand 1692 Grand 1693

LITHOGRAPHERS, BOX, LABELS AND GENERAL

MINNESOTA

MINNEAPOLIS

Heywood Manufacturing Co, 5th av N and 3d.....Bell-Nicollet 6692 Tri State 38341

LITHOGRAPHERS, LABEL AND FOLDING BOX

ILLINOIS

CHICAGO

Chicago Label & Box Co The, 312 N May.Monroe 5094

LITHOGRAPHERS—LABELS ADVERTISING MATTER

NEW YORK

NEW YORK CITY

Neuman Louis E & Co, 257 W 17th.....Chelsea 8336

LITHOGRAPHERS—OFFSET

ILLINOIS

CHICAGO

Donnelley R R & Sons Co, 731 Plymouth ct .....Harrison 350

See our Catalog Space, pages 947 and 997

MICHIGAN

DETROIT

Stubbs Co The, Cor John R and Elizabeth..Cherry 2404

LITHOGRAPHERS, ON METAL

ILLINOIS

CHICAGO

Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

NEW YORK

NEW YORK CITY

Phoenix-Hermetic Co, 3720, 14th av Bklyn.Sunset 5426

LITHOGRAPHERS AND PRINTERS

KENTUCKY

LOUISVILLE

Ills City Lithograph & Job Printing Co, 225 W Main.....Bell-Main 948-A Home-City 948

LITHOGRAPHERS, PRINTERS & ENGRAVERS

MICHIGAN

GRAND RAPIDS

Michigan Lithograph Co cor Fulton and Carlton .....Bell-Main 960 Citizens 1314

LITHOGRAPHERS' AND PRINTERS' FINISHERS

NEW YORK

NEW YORK CITY

Wiener Bros (Varnishing, Gumming, Die & Straight cutting), 692-694 Bway cor 4th.....Spring 8625

LITHOGRAPHERS—PRINTERS, STATIONERS & ENGRAVERS

ALABAMA

BIRMINGHAM

Roberts & Son Mfg Stationers, 1810-12, 3d av N.....Main 8461

LITHOGRAPHERS' ROLLERS

ILLINOIS

CHICAGO

Ideal Roller Co, 215 W Superior.....Superior 5025

LITHOGRAPHERS—ZINCOGRAPH PROCESS

OHIO

CINCINNATI

Runey Show Print, 216 W Liberty.....Canal 2415

LITHOGRAPHIC

(See also—Lytho—Zinc Reproductions)

LITHOGRAPHIC DISPLAY & DISPLAY CONTAINER MNFRS.

OHIO

CINCINNATI

Doering Bros & Ruilmann, 14th and Plum..West 3909

LITHOGRAPHIC STONES AND SUPPLIES

NEW YORK

NEW YORK CITY

Senefelder Litho Stone Co Inc The, 187 Washington .....Cortland 5718

LITHOPONE

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg.Trenton 915

PENNSYLVANIA

PHILADELPHIA

Chemical Pigments Corporation The, 617 Stock Exch bldg.....Spruce 5187

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 35th and Gray's Ferry rd .....Dickinson 50

LITHOPONE MNFRS

ILLINOIS

CHICAGO

Midland Chemical Co, 80 E Jackson bl ..Harrison 1472

NEW YORK

NEW YORK CITY

Krebs Pigment & Chemical Co The, 217 Broadway .....Barclay 5647

LOCKERS

ILLINOIS

CHICAGO

Federal Steel Fixture Co, Security bldg..Franklin 4327

MICHIGAN

DETROIT

Federal Steel Fixture Co, 245 Larned E..Cadillac 6450

MINNESOTA

MINNEAPOLIS

Federal Steel Fixture Co, 609, 5th av S..Nicollet 3541

LOCKERS (STEEL)

ALABAMA

BIRMINGHAM

Medart Fred Mfg Co (C S Caldwell, Rep) 313 N 20th .....Main 3186

ARIZONA

PHOENIX

Medart Fred Mfg Co (Arizona Sales Co, Rep), 1311 McKinley .....Phoenix 2355

CALIFORNIA

LOS ANGELES

Medart Fred Mfg Co (F W Farrington, Rep) Citizens Natl Bank bldg.....Home-F 2462

SAN FRANCISCO

Medart Fred Mfg Co (Paul R Ruben, Rep) 16 California ..... Douglas 876

COLORADO

DENVER

Medart Fred Mfg Co (C L Patterson Office Equipment Co, Rep), 1733 Champa....Main 7733

CONNECTICUT

NEW BRITAIN

Hart & Hutchinson Co The, Corbin av.New Britain 920

ILLINOIS

CHICAGO

Durand Steel Locker Co, 76 W Monroe ...Central 6302

Hart & Hutchinson Co The, Peoples Gas bldg .....Harrison 1742

Narragansett Machine Co, Monadnock blk.Harrison 1598

PEORIA

Medart Fred Mfg Co (H F Kircher & Co Rep), Lehmann bldg .....Main 4536

INDIANA

INDIANAPOLIS

Medart Fred Mfg Co (Charles E Wehr, Rep), Hume-Mansur bldg ..... Main 5441

MASSACHUSETTS

BOSTON

Hart & Hutchinson Co The, Oliver bldg.....Main 2949

MICHIGAN

DETROIT

Medart Fred Mfg Co (Detroit Fire Door Co, Rep) Dime Bank bldg.....Cherry 3856

MINNESOTA

DULUTH

Fenton Clyde R, Fargusson bldg.....Melrose 1493

Medart Fred Mfg Co (Clyde R Fenton, Rep) Fargusson bldg .....Melrose 1493

MINNEAPOLIS

Medart Fred Mfg Co (A N Stark, Rep), Plymouth bldg ..... Nicollet 3650

LOCKERS (STEEL)—CONT'D.

MISSOURI

KANSAS CITY

Medart Fred Mfg Co (K-M Supply Co Rep), 117 E 7th.....Main 3097

ST LOUIS

Medart Fred Mfg Co, Potomac and DeKalb.Sidney 4315

NEBRASKA

OMAHA

Medart Fred Mfg Co (Prescott Heald, Rep) W O W bldg .....Tyler 526

NEW JERSEY

CAMDEN

Jefferis Richard W Co, 11th and Linden .....Bell-Camden 1401 Keystone-Camden 64

NEW YORK

NEW YORK CITY

Durand Steel Locker Co, 132 Nassau....Beekman 1182
Hart & Hutchinson Co The, 9 E 40th..Murray Hill 9708
Medart Fred Mfg Co (Geo Kabureck Rep), Townsend bldg, 1123 Broadway....Farragut 2947
Narragansett Machine Co, 52 Vanderbilt av ..... Murray Hill 732

OHIO

CLEVELAND

Medart Fred Mfg Co, (W H Caskey, Rep), Leader-News bldg .....Main 4025

OKLAHOMA

MUSKOGEE

Medart Fred Mfg Co (J E Winans, Rep) 611 S 23d.....Muskogee 2727-J

OREGON

PORTLAND

Medart Fred Mfg Co (F W Farrington & Co, Rep), Henry bldg .....Marshall 3270

PENNSYLVANIA

PHILADELPHIA

Hart & Hutchinson Co The, Real Estate Trust bldg ..... Walnut 944

PITTSBURGH

Medart Fred Mfg Co (Harry B Naylor, Rep), Bakewell bldg .....Court 979

RHODE ISLAND

PAWTUCKET

Narragansett Machine Co, Vale.....Pawt 747

TEXAS

DALLAS

Medart Fred Mfg Co (W C Hixson, Rep) 1610 Bryan .....Main 5928

WASHINGTON

SEATTLE

Medart Fred Mfg Co (D E Fryer & Co, Rep) Lumber Exch bldg.....Main 1819

SPOKANE

Medart Fred Mfg Co (Frank L Colvin, Rep) Peyton bldg .....Main 2672

WISCONSIN

MILWAUKEE

Medart Fred Mfg Co (Robertson & Jackson Rep), Germania bldg .....Grand 2076

LOCKERS FOR CLOTHES—STEEL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300 12, 10th av S .....Bell-NW-Nicollet 534 Automatic-37-321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, se cor 22d and 11th av ..... Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av ne.... ..... Bell-Main 3000 Ohio State-271

LOCKERS & STEEL SHELVING

OHIO

CLEVELAND

Barshal Steel Equipment Co The, Leader News bldg .....Main 1935

PENNSYLVANIA

PHILADELPHIA

Bernstein Mfg Co, 3d and Allegheny av.Kensington 680

LOCKERS—STEEL & WIRE FOR CLOTHES

ILLINOIS

CHICAGO

Smith F P Wire & Iron Works, 54 W Lake.Central 438

LOCKERS, WARDROBE, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th.....Bell-Rosedale 3036 Ohio State-Princeton 222

LOCKS FOR FORD CARS

ILLINOIS

CHICAGO

Security Auto Lock Co, 410 N Paulina....Monroe 1686

LOCKS: FRAMELESS SLIDE DOOR

NEW YORK

NEW YORK CITY

Voight, Albert Mfg Co, 40-42 South 8th, Bklyn .....Wmsbg 2227

LOCKS—KEYLESS DOOR LOCKS

OHIO

CINCINNATI

Nydia Bank Lock Co, The, Lion bldg.....Main 3044

LOCKS, MNFRS.

CONNECTICUT

STAMFORD

Excelsior Hardware Co, Woodland av...Stamford 1478

ILLINOIS

CHICAGO

Chicago Cabinet Lock Co, 1852 Otto nr Ravenswood av .....Wellington 6884

LOCKS, MNFRS. (AUTOMOBILE, DOOR & SWITCH LOCKS)

ILLINOIS

CHICAGO

Chicago Cabinet Lock Co, 1852 Otto nr Ravenswood av.....Wellington 6884

LOCKS, MNFRS. (SPECIALTY & CABINET LOCKS)

ILLINOIS

CHICAGO

Chicago Cabinet Lock Co, 1852 Otto nr Ravenswood av .....Wellington 6884

LOCKS, TIME RECORDING

NEW YORK

NEW YORK CITY

Phelps, Guardant Time Lock Co (Secure Your Territory for Rental Service), 114 Liberty.Rector 2989

LOCOMOTIVE ARCH BRICK

ILLINOIS

CHICAGO

Universal Arch Company, 80 E Jackson bl .....Harrison 2248

LOCOMOTIVE CRANES

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bk bldg.....Main 1740

ILLINOIS

CHICAGO

Marsh-Bothe Machinery Co 37 W Van Buren .....Harrison 2746
Marsh George C & Co, 37 W Van Buren...Harrison 5799
Moore Bros 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

LOCOMOTIVE CRANES SECOND HAND & REBUILT

NEW YORK

NEW YORK CITY

Hoisting Machinery Co, 50 Church.....Cortland 1992

LOCOMOTIVES

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

LOCOMOTIVES—(NEW AND REBUILT)

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway.....Bowling Green 9167

LOCOMOTIVES (SECOND HAND AND REBUILT)

NEW YORK

NEW YORK CITY

Hoisting Machinery Co, 50 Church.....Cortland 1992

PENNSYLVANIA

PITTSBURGH

Pittsburgh Machinery & Equipment Co, Felton bldg .....Grant 3047

LOCOMOTIVES—CONTRACTORS' DINKIES

ILLINOIS

CHICAGO

Marsh-Bothe Machinery Co, 87 W Van Buren ..... Harrison 2746

LOCOMOTIVES—ELECTRIC

ILLINOIS

CHICAGO

Goodman Mfg Co, 4834 S Halsted ..... Yards 1774

MISSOURI

ST LOUIS

Mancha Storage Battery Locomotive Co, 1911 S Kingshighway ..... Grand 5657

LOCOMOTIVES—ELECTRIC, STEAM AND FUEL OIL

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg .... Main 1740

LOCOMOTIVES, ELECTRIC TROLLEY

OHIO

COLUMBUS

effrey Mfg Co The, 927 N Fourth ..... North 2360

OCOMOTIVES—GASOLINE INDUSTRIAL, MINE, CONTRACTORS

OHIO

PLYMOUTH

ite J D Co The, 239 Riggs av ..... Plymouth 64

OCOMOTIVES—GASOLINE—INDUSTRIAL USES

NEW YORK

NEW YORK CITY

dgway James A, 283 Broadway ..... Barclay 6398
See our Catalog Space, page 971

OCOMOTIVES—PASSENGER & FREIGHT NEW & 2ND HAND

PENNSYLVANIA

PITTSBURGH

erican Railway Equipment Co, Diamond Bank bldg ..... Court 2637

OCOMOTIVES, STORAGE BATTERY

OHIO

COLUMBUS

ey Mfg Co The, 927 North Fourth ..... North 2360

DGE AND PULPIT FURNITURE

ILLINOIS

CHICAGO

ford E H Mfg Co, 218 S Wabash av. Harison 8196

LOGGING TOOLS—PEAVIES, CANT HOOKS, SKIDDING TONGS

TENNESSEE

CHATTANOOGA

Dixie Logging Tool Co, cor E 13th and Greenwood ..... Hemlock 343

LOGWOOD

NEW YORK

NEW YORK CITY

National Gum & Mica Co, 59th st and 11th av ..... Columbus 9700

LOGWOOD & TANNING EXTRACTS

CONNECTICUT

STAMFORD

Stamford Extract Mfg Co The, ... Stamford 2281

LOOSE LEAF

ILLINOIS

CHICAGO

American Loose Leaf Mfg Co, 121 N Green. Monroe 3548
Caufield Loose Leaf Co Inc, 2721 W Madison. West 564
Farwell C J Co, The, 626 S Clark .... Harrison 564
Stevens Maloney & Co, 21 S Lasalle ..... Central 3186
Tengwall Co, The, 2954 Sheffield av .... Graceland 7171
See our Catalog Space, page 972
Universal Ledger & File Co, 313 S Clinton. Harrison 3748
Wilson-Jones Loose Leaf Co, 3021 Carroll av ..... Kedzie 3502

NEBRASKA

OMAHA

Nelson Loose Leaf Corporation, 2425 Leavenworth ..... Tyler 2781

NEW YORK

NEW YORK CITY

Semple-Rieger Co The, 521 W 23d ..... Chelsea 2290
See our Catalog Space, page 972
Wilson-Jones Loose Leaf Co, 129 Lafayette ..... Franklin 2704

LOOSE LEAF ACCOUNTANTS' FORMS, BINDERS, ETC.

ILLINOIS

CHICAGO

McDonald Ledger & Loose Leaf Co 638 Federal ..... Wabash 3364

LOOSE LEAF BINDERS

MISSOURI

ST LOUIS

Becktold Printing & Book Mfg Co, 200-212 Pine ..... Bell-Main 36 Kinloch-Central 2578

NEW YORK

NEW YORK CITY

Boorum & Pease Loose Leaf Book Co, 84 Hudson av Bklyn ..... Main 7986
See our Catalog Space, page 923
Business Systems Co, 104 Beekman .... Beekman 2671
Gem Binder Co The, 65 West Broadway .. Barclay 5927

LOOSE LEAF BINDERS "FROM MFR. DIRECT TO CONSUMER"

MISSOURI

ST LOUIS

National Binder Co, 1302 Olive st .... Bell-Olive 791 Kinloch-Central 1967

LOOSE LEAF AND BLANK BOOKS

ILLINOIS

CHICAGO

Lloyd W G Co, 626 S Clark ..... Wabash 2446

MICHIGAN

DETROIT

Gregory Mayer & Thom Co, Cadillac sq ..... Main 5246

LOOSE LEAF BOOK & KEY RINGS

ILLINOIS

CHICAGO

Adams Henry T Mfg Co, 6796 So Chicago av ..... Wentworth 1790

LOOSE LEAF DEVICES

MICHIGAN

GRAND RAPIDS

Proudfit Loose Leaf Co The, Division at Prescott ..... Bell-Main 2747 Citizens 2747
See our Catalog Space, page 971

MISSOURI

ST LOUIS

Curran Con P Printing Co, 8th and Walnut ..... Bell-Main 5191 Kinloch-Central 991

NEW YORK

NEW YORK CITY

Benton Mfg Co, Inc, 9 Bethune ..... Chelsea 1064
Boorum & Pease Loose Leaf Book Co, 84 Hudson av Bklyn ..... Main 7986
See our Catalog Space, page 923
National Blank Book Co, 52-58 Duane ..... Worth 4120
Sheppard C E Co The, 311 Hudson ..... Spring 7400
Wolf E A Paul Co, 343 Greenwich ..... Worth 1097

LOOSE LEAF DEVICES—MNFRS METAL PARTS

ILLINOIS

CHICAGO

Plew & Motter Dept of The Workman Mfg Co, 1200 W Monroe ..... Monroe 6221
Triple S Machine Co, The, 1013 Wellington ..... Graceland 6108

LOOSE LEAF HOLDERS ADJUSTABLE

NEW YORK

NEW YORK CITY

Rockhill & Vietor (For Binding Loose Leaf Records), 22 Cliff ..... Beekman 1972

LOOSE LEAF LEDGERS

NEW YORK

NEW YORK CITY

Boorum & Pease Leaf Book Co, 84 Hudson av Bklyn ..... Main 7986
See our Catalog Space, page 923

LOOSE LEAF LEDGERS (GRAVITY LOCK)

ILLINOIS

CHICAGO

McDonald Ledger & Loose Leaf Co, 638 Federal ..... Wabash 3364

LOOSE LEAF MFRS. BOOKBINDERS, PAPER RULERS

NEW YORK

NEW YORK CITY

Austin & Magill Inc 20 Murray.....Barclay 7865
See our Catalog Space, page 971

LOOSE LEAF RING BINDERS

NEW YORK

NEW YORK CITY

Boorum & Pease Leaf Book Co, 84 Hudson av Bklyn .....Main 7986
See our Catalog Space, page 923

LOOSE LEAF SYSTEMS

IOWA

CEDAR RAPIDS

Lefebure Ledger Co, 101 E av W...Cedar Rapids 619

NEW YORK

NEW YORK CITY

Boorum & Pease Loose Leaf Book Co, 84 Hudson av Bklyn .....Main 7986
See our Catalog Space, page 923
Tatum Sam'l C Co The (R C Mackey, Agt), 54-60 Lafayette .....Franklin 1150

OHIO

CINCINNATI

Tatum Sam'l C Co The, 2062-68 Reading rd.Canal 5605

LOOSE LEAF SYSTEMS & DEVICES

MASSACHUSETTS

BOSTON

Martell A E Co, 159 Devonshire.....Main 1215

SPRINGFIELD

Martell A E Co, Third Natl Bank bldg....River 3235

NEW HAMPSHIRE

KEENE

Martell A E Co .....Keene 300

NEW YORK

NEW YORK CITY

Martell A E Co, 258 Broadway .....Barclay 5992

ROCHESTER

Martell A E Co (H E Wyman, Mngr), Elwanger and Barry bldg....Rochester-Stone 1012

OHIO

READING

Tenacity Mfg Co The .....Valley 175

RHODE ISLAND

PROVIDENCE

Martell A E Co, Grosvenor bldg.....Union 2017

LOOSE LEAF SYSTEMS AND SUPPLIES

MICHIGAN

BENTON HARBOR

Central Loose Leaf Company, 202-10 North .....Benton Harbor 58

LUBRICANTS, CUTTING

ILLINOIS

CHICAGO

International Lubricants Co Ltd ("Acorus"), 836 S Clark .....Franklin 2646

LUBRICANTS—GEAR & ROPE

OHIO

COLUMBUS

Ohio Filler & Shield Co The, 522 City av .....Ohio State 2274

LUBRICANTS, OILS AND GREASES MNFRS.

MICHIGAN

PORT HURON

Acheson Oildag Co (Manufacturers of "Oildag" & "Aquadag"), Washington av....Port Huron 1318

LUBRICATING CANDLES

NEW YORK

NEW YORK CITY

Faul William J Company, 133 Front.....John 3865

LUBRICATING DEVICES—MNFRS

ILLINOIS

CHICAGO

Nugent Wm W & Co 146-148 W Superior.Superior 3309

LUBRICATING DEVICES, SOLID LUBRICANTS

ILLINOIS

CHICAGO

Swain Lubricator Co, 443 W 37th.....Drover 6291

LUBRICATING GREASES

MICHIGAN

ST JOSEPH

Anti-Friction Lubricant Co, Broad.....

NEW YORK

NEW YORK CITY

Kanter R J Co The, 647 Water.....Orchard 647

LUBRICATING OILS

OHIO

CLEVELAND

Universal Lubricating Co The, Schofield bldg.Main 94

LUBRICATING OILS & GREASES

ILLINOIS

CHICAGO

Sullivan Oil Co, 413 N Wells.....Main 3612

MICHIGAN

PORT HURON

Stock G B Xylite Grease & Oil Co, 103 Huron av .....Port Huron 1545

MINNESOTA

ST PAUL

Stahl H K & Co, 2314 Wycliff Bell-Midway 286
.....Tri State 82-402

NEW YORK

NEW YORK CITY

Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433

LUBRICATING OILS, GREASES & BOILER COMPOUNDS

MISSOURI

ST LOUIS

O'Brien-Northrop Oil & Chem Co, 308 N Commercial.....Bell-Main 15
Kinloch-Central 929

LUBRICATORS

NEW YORK

BUFFALO

Sherwood Mfg Co, 1710 Elmwood av.....North 2603

ELMIRA

"Swift" Lubricator Co, 729-731 West 2nd .....Elmira 2148

LUBRICATORS, MECHANICAL—MNFRS.

ILLINOIS

CHICAGO

Nugent Wm W & Co, 146-148 W Superior.Superior 3309

WISCONSIN

MADISON

Biddison Mfg Co, 1516 Williamson.....Badger 1479

LUMBER

CONNECTICUT

STAMFORD

Getman & Judd Co The, 455 Canal.....Stamford 2180

ILLINOIS

CHICAGO

Burns John E Lumber Co, 700 W Chicago av .....Monroe 211
Marsh & Truman Lumber Co, 332 S Michigan av .....Harrison 6491
Stillwell Lumber Co, 332 S Michigan av .....Harrison 3988

LOUISIANA

MANDEVILLE

Poitevent & Favre Lumber Co.....Mandeville 5

MASSACHUSETTS

BOSTON

Palmer & Parker, 103 Medford.....Charlestown 2

NEBRASKA

SEWARD

Seward Lumber & Fuel Co, 7th and Main.Seward 12

NEW HAMPSHIRE

ROCHESTER

Studley Box & Lumber Co (Dealers in New England Lumber), Foot of Silver.....Rochester 74-2

NEW JERSEY

NEW BRUNSWICK

Rolfe Building Materials Co, 181 Burnet .....New Brunswick 660

NEW YORK

NEW ROCHELLE

Mahlstedt J A Lumber & Coal Co The, Columbus pl.....New Rochelle 55

OHIO

CINCINNATI

Dexter Lumber Co, The, 4765 Main av, Norwood .....Ridge 99

CLEVELAND

Cuyahoga House Wrecking Co The, Bell-Rosedale 144
6311 Kinsman rd.....Ohio State-Central 3422-K

DAYTON

Gebhart-Wuichet Lumber Co The, Wayne av Shawnee & Wyandot....Bell-Main 2675 Ohio State 2328

PENNSYLVANIA

PITTSBURGH

Diebold E M Lumber Co, 6353 Station.....Hiland 3608
Frampton Foster Lbr Co, Bessemer bldg....Court 933

RHODE ISLAND

PROVIDENCE

Perkins Bros Co, 970 Westminster.....Union 1533

TENNESSEE

MEMPHIS

Riel-Kadell Lumber Co, P O Box 1002....Walnut 150

WISCONSIN

MARINETTE

Sawyer-Goodman Company, 4th and Water.....Marinette 70

LUMBER (WHOLESALE)

ILLINOIS

CHICAGO

Coast Lumber Co, The, 80 E Jackson bl.....Harrison 7811
Deeves Griffen H Lumber Co, 80 E Jackson bl.....Harrison 4009

INDIANA

INDIANAPOLIS

Eichholtz G W & Son, Lemcke bldg Market and Penn.....Bell-Main 3295 Automatic-22-473

NEW YORK

BUFFALO

Smith-Fassett & Co.....Tonawanda 17

TONAWANDA

Smith-Fassett & Co, Michigan st.....Tonawanda 17

PENNSYLVANIA

PITTSBURGH

Diebold E M Lumber Co, 6353 Station....Hiland 3608

LUMBER (WHOLESALE AND RETAIL)

ILLINOIS

BLUE ISLAND

Blue Island Lumber Co, New St & Grand Trunk Tracks.....Blue Island 9

CHICAGO

Thornton-Claney Lumber Co, 2315 Elston av.....Humboldt 383

WEST VIRGINIA

HUNTINGTON

Carolina Pine Lumber Co The, 9th and 7th av.....Huntington 486

LUMBER—BASSWOOD AND HICKORY

NEW YORK

NEW YORK CITY

Farrall F R & Co (Largest dealers in Basswood in City) 505-507 East 18th.Gramroy 3167

LUMBER—CYPRESS AND HARDWOOD MNFRS. AND WHOLESALE

OHIO

CINCINNATI

Morgan J. [illegible] ber Co, Dalton and Oehler..West 4696

TENNESSEE

KNOXVILLE

Logan J M Lumber Co, Proctor Addition.....Knoxville 927

LUMBER, CYPRESS AND PINE—ROUGH AND DRESSED

GEORGIA

SAVANNAH

Pine Plume Lbr Co, Savannah Bk & Trust bldg.....Savannah 3026

LUMBER, CYPRESS, RED AND YELLOW

ILLINOIS

CHICAGO

Spear Wm H Co, First Nat Bk bldg....Central 778

LUMBER FOR PATTERN MAKERS

ILLINOIS

CHICAGO

Wilcox Wilton E Lumber Co, Monadnock blk.....Harrison 2046

LUMBER FOREIGN CABINET WOODS

NEW YORK

NEW YORK CITY

Hunter J A & Co, 32 Broadway.....Broad 5533

LUMBER, HARDWOOD

ILLINOIS

CHICAGO

Leach L D & Co, 343 S Dearborn.....Harrison 7880
Monarch Lumber Co, 58 W Jackson bl..Harrison 1840

LUMBER, HARDWOOD (MANUFACTURERS)

LOUISIANA

ALEXANDRIA

Benner Ferd Lbr Co The.....Alexandria 720

MISSOURI

KANSAS CITY

Chapman & Dewey Lumber Co, Rialto bldg.Main 1548

TENNESSEE

KNOXVILLE

Vestal Lumber Mfg Co, Maryville Pk...Knoxville 92

WEST VIRGINIA

HUNTINGTON

Ritter C L Lumber Co, First Natl Bank bldg.....Huntington 1396

LUMBER—HARDWOOD (MNFRS. AND JOBBERS)

INDIANA

EVANSVILLE

Maley & Wertz, East Columbia.....Evansville 437

LUMBER—HARDWOOD (SPECIAL ORDERS)

INDIANA

NORTH VERNON

Litchfield Bros.....North Vernon 136

LUMBER—HARDWOOD AND CYPRESS

TENNESSEE

MEMPHIS

Anderson-Tully Co, N Second and I C R R..Main 511

LUMBER AND HARDWOOD FLOORING MNFRS.

MICHIGAN

CADILLAC

Cummer Diggins Co, 230 N Mitchell Bell-Cadillac 29
..... City-Cadillac 29

LUMBER, LOUISIANA CYPRESS AND HARDWOOD MNFRS.

LOUISIANA

ALEXANDRIA

Alexandria Cooperage & Lumber Co....Alexandria 664

LUMBER—MAHOGANY

LOUISIANA

NEW ORLEANS

Otis Manufacturing Company, Octavia and River.....Uptown 704

LUMBER—MAHOGANY & VENEERS

OHIO

CINCINNATI

Freiberg Lumber Co, The, Union Trust bldg.West 4096

LUMBER AND MILL WORK

PENNSYLVANIA

PITTSBURGH

Walter H R Lumber Co, Fayette & Manhattan.....Bell-Cedar 4063 P & A-Chester 163

LUMBER AND MILLWORK—ALL KINDS

OHIO

PIQUA

Wright & Kuntz Lumber Co The, Cor Sourh av & South.....Piqua 31

LUMBER—MILLWORK & BOXES

NEW YORK

BUFFALO

Elias G & Bro, 965 Elk.....Howard 646

LUMBER MILLWORK & BUILDERS SUPPLIES

OHIO

SPRINGFIELD

Clark County Lumber Co The, 1710 W Main ..... Bell-Main 325, Ohio State 325

LUMBER—NEW & USED

ILLINOIS

CHICAGO

Gillette Lumber & Wrecking Co, 4824 S Halsted ..... Yards 74

LUMBER—PRESSED STEEL JOISTS, STUDS, ETC.

MINNESOTA

MINNEAPOLIS

Berger Mfg Co Teh, 300-12, 10th av So ..... Bell-Nicollet 534, Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, S E Cor 22d & 11th av ..... Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E ..... Bell-Main 3000, Ohio State 271

LUMBER, RED CYPRESS & COTTONWOOD

OHIO

CINCINNATI

Darling J W Lumber Co, Second Natl Bk bldg ..... Canal 5042

LUMBER—USED

ILLINOIS

CHICAGO

Bosley Bros Inc, Robey & Carroll av ..... Seeley 4325

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co Est 1877, 620 East 14th ..... Forsyth 9280

LUMBER—WHITE ASH MNFRS.

TENNESSEE

MEMPHIS

Riel-Kadel Lumber Co, P O Box 1002 .... Walnut 150

LUMBER—YELLOW PINE (MNFRS.)

ALABAMA

BIRMINGHAM

Lathrop Lumber Co, Jefferson Co Bank bldg .. Main 664

MOBILE

Crichton Lumber Company, City Bank bldg. Mobile 410

LOUISIANA

ALEXANDRIA

Bollman Lumber Co, 6th & Monroe .... Alexandria 549
Caddo-Rapides Lumber Co Ltd, Monroe & 6th sts ..... Alexandria 549

LUMBER, YELLOW PINE DEALERS

ALABAMA

MOBILE

Hempstead C W Lbr Co, City Bank bldg .. Mobile 1807

LUMBER—YELLOW PINE AND HARDWOOD MNFRS.

MISSISSIPPI

MERIDIAN

C L Grace Lumber Co, Board of Trade bldg ..... Cumberland 64

LUNCH BOXES—FOLDING

MICHIGAN

DETROIT

Motz Wm E Co, 1197 Michigan av ..... West 838-J

LUNCH ROOM COFFEE URNS AND RANGES

ILLINOIS

CHICAGO

Traub Wm F Range Co, 231 W Superior. Superior 7670

LYTHO—ZINC REPRODUCTIONS

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade. Worth 600

MACARONI DRYING MACHINES

NEW YORK

NEW YORK CITY

Sicignano M, 66 Harrison, Bklyn ..... Hamilton 2756

MACARONI EXPORTERS

NEW YORK

NEW YORK CITY

Pastene P & Co Inc, 152-154 Franklin ... Franklin 1261

MACARONI MANUFACTURERS

NEW YORK

MOUNT VERNON

Westchester Macaroni Co Inc, 28 Stevens av ..... Mt Vernon 3382

OHIO

CINCINNATI

Foulds-Briggs Co The, 1224-34 W 8th ..... West 1884

TEXAS

DALLAS

National Macaroni Co, 2616 Main ..... Main 1476

HOUSTON

Houston Macaroni Co, 110-114 Preston av. Preston 4746

MACARONI AND VERMICELLI—EXPORTERS & DOMESTIC

NEW YORK

NEW YORK CITY

Daussa P & Co, (Manufacturers High grade Macaroni and Vermicelli), 200-210 Van Brunt, Bklyn ..... Hamilton 1252

MACARONI, VERMICELLI & FANCY PASTE

NEW JERSEY

JERSEY CITY

De Martini Macaroni Co Inc The, 230-250 Orient av ..... Bergen 4500

MACHINE BITS

ILLINOIS

ROCKFORD

Star Bit & Tool Co The, 1016 Ninth ..... Main 5802

MACHINE BOLTS

ILLINOIS

CHICAGO

Boss Nut Co, 1782 N Kolmar av ..... Albany 4010

MACHINE DESIGNING

NEW YORK

ROCHESTER

Norris Arthur B, 39 State ..... Main 2936-J

MACHINE GUARDS

NEW YORK

NEW YORK CITY

Expanded Metal Engineering Co, 101 Park av ..... Murray Hill 4097

MACHINE GUARDS—BELT, GEAR AND PUNCH PRESS

ILLINOIS

CHICAGO

Gordon R E, 2147-49 W Lake ..... West 4875
See our Catalog Space, page 972

MACHINE KNIVES FOR WOOD-WORKING MACHINERY

NEW YORK

NEW YORK CITY

Thomson's William S Son, 418 W 27th .. Chelsea 1223

MACHINE PARTS

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co ..... Dunbar 1996

MACHINE REPAIRING ALL KINDS AUTO CYLINDER GRINDING

MINNESOTA

MANKATO

Enterprise Machinery Co, cor Front & Spring Citizen 1278

MACHINE SCREWS

MASSACHUSETTS

BOSTON

New England Screw Co, 44 Farnsworth ... [illegible]840

MACHINE SHOP

OHIO

CINCINNATI

Central Machine Shop Co, 1556 Central av...West 1157

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1 Thirteenth.....Franklin 495-J

MACHINE SHOP, BRASS & IRON FOUNDRY (CONTRACTING)

MICHIGAN

PORT HURON

South Park Machine & Supply Co, South Park ..... Port Huron 890

MACHINE SHOP, HAMMER FORGING & CYLINDER GRINDING

MISSOURI

KANSAS CITY

Frago Machine Works, 1416-18 Walnut ..... Bell-Grand 4264 Home-Main 7660

MACHINE SHOP, HAMMER FORGING AND OIL WELL REPAIRS

KENTUCKY

BOWLING GREEN

ark City Machine Co, Main & Clay.....Bell-Bowling Green 69 Ohio State 69

MACHINE SHOP TOOLS

NEW YORK

NEW YORK CITY

ouglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

MACHINE SHOPS, MARINE WORK A SPECIALTY

TEXAS

GALVESTON

ay's Engineering Works, 3208 Avenue D ..... Galveston 2080

MACHINE TOOL VISES

ILLINOIS

CHICAGO

nket J E (Drill Press, Shaper & Milling Machine), 1342 W Lake.....Monroe 4809

MACHINE AND TOOL WORK

CONNECTICUT

TORRINGTON

geson Mfg Co The.....Torrington 36-4

MACHINE TOOLS

ILLINOIS

CHICAGO

eral Machinery Sales Co, 12 N Jefferson.Monroe 4661
on Machine Tool Co, 1438 W Randolph ..... Haymarket 2883
ce Machine Tool Co, 617 W Jackson ol .....Haymarket 2715

INDIANA

INDIANAPOLIS

Vonnegut Machinery Co, 43-45 South Meridian ..... Bell-Main 257 Automatic 25-312

LOUISIANA

NEW ORLEANS

McArdle P H, 429 Carondelet.....Main 4691

MASSACHUSETTS

BOSTON

Fitzgerald W H J & Co, 30 Oliver.....Fort Hill 13

NEW JERSEY

NEWARK

New Jersey Machinery Exchange, 21-23 Mechanic .....Market 8971

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc (New and Second Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders Entire Plants Bought and Sold), 217 Centre .....Canal 642
Bennett G L Machinery Co Inc, 30 Church.Cortland 3285
See our Catalog Space, page 972
Dennett George (New & Second Hand— Entire Plants Purchased), 237-39 Centre..Spring 1187
Inter-Continental Machinery Corp, 165 Bway .....Cortland 6700
International Machine Tool Co, 401 Broome.Spring 197
Lamberg A & Co 241-243 & 251 Centre..Spring 3065
See our Catalog Space, page 974
Lazardies Mfg Co, 136 Liberty & 141 Cedar.Rector 2724
Leygrand & Company (Heavy Machinery, Presses and Machine Tools) 120 Broadway....Rector 4794
See our Catalog Space, page 978
Manhattan Machinery Exchange (New and Used; Entire Plants Purchased), 30 Church.Cortland 954
Modern Machinery Exchange, 52 Walker.Franklin 3796
See our Catalog Space, page 975
Perle Machine Tool Co The, 253 Center..Spring 5086
Terminal Machine Co, 406-408 Broome..Cortland 3169

OHIO

CINCINNATI

Carlton Machine Tool Co The, Spring Grove av and Meeker.....West 348
Greaves-Klusman Tool Co The, Alfred & Cook.West 4185
Mueller Machine Tool Co The, 2425 Colerain av .....West 2480
Randle Machinery Co The, 1723 Powers..Park 1905

CONNEAUT

Burke Machine Tool Co The.....Main 1726

MACHINE TOOLS—ENGINE LATHES, TURRET LATHES

NEW YORK

NEW YORK CITY

New York Machinery Exchange, 50 Church.Cortland 6661

MACHINE TOOLS, FIXTURES & SPCLTY, SPECIAL MACHY., ETC.

OHIO

CINCINNATI

Peters-Bossert Company The, 617-19 E PearlCanal 4188

MACHINE TOOLS—NEW—REBUILT

ILLINOIS

CHICAGO

Federal Machinery Sales Co, 12 N Jefferson.Monroe 4661

NEW YORK

ALBANY

Simmons Machine Co Inc, 981 Broadway...Main 4876
See our Catalog Space, page 974

NEW YORK CITY

New York Machinery Exchange, 50 Church.Cortland 6661

MACHINE TOOLS—NEW AND SECOND HAND

NEW YORK

NEW YORK CITY

New York Machinery Exchange, 50 Church.Cortland 6661

OHIO

CINCINNATI

Eastern Machinery Co, 412-18 E Pearl.....Canal 3231

PENNSYLVANIA

ERIE

Saxer-Creider Machinery Co, Commerce bldg.Erie 789

PHILADELPHIA

Toomey Frank Inc, 127-31 N 3d.....Market 261

MACHINE TOOLS, PLANERS, SHAPERS, MILLING MACHINES

NEW YORK

NEW YORK CITY

New York Machinery Exchange, 50 Church.Cortland 6661

MACHINE TOOLS AND POWER PRESSES

OHIO

SIDNEY

Sidney Power Press Co The, 331-411 N Miami av .....Sidney 171

MACHINE TOOLS—PRESSES, PUNCHES, DRILLING MACHINES

NEW YORK

NEW YORK CITY

New York Machinery Exchange, 50 Church.Cortland 6661

MACHINE TOOLS, VERTICAL BORING MILLS

PENNSYLVANIA

FRANKLIN

Colburn Machine Tool Company, 3d & Buffalo ..... Franklin 564

MACHINE TOOLS, VERTICAL TURRETS

CONNECTICUT

DANBURY

Turner Machine Co, 28-40 Maple av....Danbury 17

MACHINE TOOLS AND WOODWORKING MACHINERY

MICHIGAN

DETROIT

Riverside Machinery Depot, 21-29 St Aubin av ..... Edgewood 1582

MACHINE AND WIRE DRAWING COMPOUNDS MFRS.

NEW JERSEY

TRENTON

Cosmic Chemical Co Inc, New York av and Mulberry ..... Trenton 1891

MACHINE WORK

ILLINOIS

MOLINE

Western Pattern & Mfg Co, 428 Third av..Moline 709

NEW YORK

BUFFALO

Superior Machine & Tool Works, (Mnfrs of Mullers Patented Adjustable Post, also Accurate Machine work our specialty) 1512 Jefferson ..... Oxford 775-J

OHIO

COLUMBUS

Schreiner Frank W, 427 N Front..... Ohio State 7010

MACHINED BRONZE BACKED BABBITT LINED BEARINGS

INDIANA

INDIANAPOLIS

American Die Casting Co, Gardner Lane and White River..... Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

MACHINERY

ILLINOIS

CHICAGO

Ellis R E Engineering Co, 621 Washington blvd ..... Haymarket 2407
Federal Machinery Sales Co, 12 N Jefferson. Monroe 4661
Pierce Machine Tool Co, 617 W Jackson bl ..... Haymarket 2715
Stocker-Rumley-Wachs Co, 117 N Jefferson. Main 1833
Strand N A & Co, 625 W Jackson bl.... Monroe 6120
Weller Mnfg Co, 1856 N Kostner av..... Albany 4200
Wright David A, 568 W Washington bl... Franklin 5899

LOUISIANA

NEW ORLEANS

Marx A & Sons, 643 Tchoupitoulas..... Main 836

MICHIGAN

DETROIT

Strelinger Chas A Co, 43-51 East Larned.... Main 5605

NEW JERSEY

PATERSON

Mason Arthur C Inc, 52 Putnam..... Paterson 2115
Morrison Machine Co, 204 Van Houten. Paterson 614

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc (New and Second Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders. Entire Plants Bought and Sold), 217 Centre..... Canal 642
Lamberg A & Co, 241-243 & 251 Centre... Spring 3065
See our Catalog Space, page 971
MacNab John Machinery Co 90 West..... Rector 5183
Modern Machinery Exchange, 52 Walker.. Franklin 3796
See our Catalog Space, page 975
N Y Crating & Forwarding Co (Machinery Crated or Boxed for Export), 521-3 W 37th.. Greeley 4617
See our Catalog Space, page 986
Ordnance Engineering Corp'n (Heavy Machinery, Presses and Machine Tools) 120 Bway. Rector 4794
See our Catalog Space, page 984
Perle Machine Tool Co The, 253 Centre... Spring 5086
Schwartz & Land (Entire plants purchased) 207 Centre ..... Canal 9310
Terminal Machine Co, 406-408 Broome.. Cortland 3169
Thomson John D Jr (New & Used Machinery Bought & Sold, Write or Wire Your Wants), 15 Park Row ..... Barclay 9657

ROCHESTER

Strong Homer (Jobbers in Metal & Woodworking Machinery) 301-307 State. Main 292

OHIO

CINCINNATI

Keene Geo C & Co, 2327 Florence av... Woodburn 2254

PENNSYLVANIA

PHILADELPHIA

American Machinery Co Inc (Potato Peelers Automatic scales for all purposes, Carton Sealers. Fibre Container sealers), cor 12th & Callowhill sts ..... Locust 3892
Diamond Textile Machine Works (Textile, felt, bedding and mattress machinery) 1820 N 10th ..... Diamond 30

MACHINERY, ALL KINDS

NEW YORK

NEW YORK CITY

International Bureau of Supplies, 135 Broadway ..... Cortland 6997

MACHINERY, ALL KINDS, NEW & 2D HD—BOILERS, ENGINES, ETC.

ALABAMA

BIRMINGHAM

Lehman Chas T, 1921-23 Powell av..... Main 1123

MACHINERY "ANY KIND OF MCHRY MADE"

MISSOURI

ST LOUIS

Victor Machine Works, 1511 N Broadway... Tyler 151

MACHINERY—AUTOMATIC SPECIAL AND TOOL DESIGNER

ILLINOIS

CHICAGO

Korach Louis L, Monadnock blk..... Harrison 5459

MACHINERY BALANCING LABORATORY STATIC AND DYNAMIC

PENNSYLVANIA

PHILADELPHIA

Akimoff N W, Harrison bldg ..... Spruce 2489

MACHINERY, BIAS FABRIC STRIPS

CONNECTICUT

BRIDGEPORT

Adams A L, 307 Center..... Barnum 989

MACHINERY, BOILERS & ENGINES (NEW & SECOND HAND)

NEW YORK

ROCHESTER

Wilson Wm H Iron Works, 31-57 Industrial. Main 5131
See our Catalog Space, page 976

MACHINERY, BOILERS & ENGINES—SECOND HAND

ILLINOIS

CHICAGO

American Machinery & Boiler Co, 1749 N Kenton av ..... Belmont 1776

NEW YORK

NEW YORK CITY

Brearley H P, 140 Cedar..... Rector 9448
See our Catalog Space, page 973

MACHINERY, BRICK AND CLAY

PENNSYLVANIA

CLEARFIELD

Clearfield Machine Shops, 4th and Pine ..... Bell-Clearfield 21 H & C 94

MACHINERY BUILDERS

OHIO

CLEVELAND

City Machine Co The, 5321 St Clair av.. Rosedale 6161

MACHINERY, BULLDOZERS

ILLINOIS

CHICAGO

Williams, White & Company, Monadnock blk ..... Harrison 390

MOLINE

Williams, White & Company, 8th st and Third av ..... Moline 3000

MICHIGAN

DETROIT

Williams, White & Company, Dime Bk bldg. Cherry 1181

NEW YORK

NEW YORK CITY

Williams, White & Company, 30 Church.. Cortland 1644

OHIO

HAMILTON

Long & Allstatter Co The, 4th and High.. Hamilton 126

PENNSYLVANIA

PITTSBURGH

Williams, White & Company, House bldg.... Court 3257

MACHINERY—BUTTON HOLE AND BUTTON SEWING

CALIFORNIA

SAN FRANCISCO

Dolliver & Bro, 619-621 Mission..... Sutter 3141

MACHINERY CARPET CLEANING

INDIANA

INDIANAPOLIS

Chief Manufacturing Co, 804 Beecher. Prospect 69

MACHINERY CHEMICAL

NEW JERSEY

PERTH AMBOY

Chemical Pump & Valve Co The, 827 Gifford ..... Perth Amboy 1583

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn... Main 7065

MACHINERY—CLAY & CRUCIBLE

NEW JERSEY

TRENTON

Crossley Machine Company The, State and Monmouth ..... Trenton 6415

MACHINERY, COAL HANDLING, WAGON LOADERS & SCREENS

NEW YORK

NEW YORK CITY

Haiss George Mfg Co, 141st and Rider av. Melrose 241

MACHINERY, COAL WASHING, HANDLING AND PREPARING

ALABAMA

BIRMINGHAM

Montgomery Coal Washing & Mfg Co, 8d av N cor 12th ..... Main 3119

MACHINERY—CONDUCTOR PIPE AND EAVESTROUGH MFRS.

OHIO

CANTON

Canton Foundry & Machine Co Inc The, 3d St E and Savannah av ..... Bell-Main 222 Ohio State 222

MACHINERY—CONTRACT AND FOUNDRY WORKS

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush ..... Bell-Alliance 31 Ohio State 3268

MACHINERY, CONTRACT—JOB MNFRS.

VIRGINIA

RICHMOND

McConnell-Browning Engineering Co The, 1015 E Cary ..... Madison 4586

MACHINERY CONTRACTORS

ILLINOIS

AURORA

Western Wheeled Scraper Co ..... Aurora 137

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

MACHINERY CONTRACTORS, NEW AND REBUILT

ILLINOIS

CHICAGO

Sauer W B Company, Old Colony bldg .. Harrison 7366

MACHINERY CONTRACTORS AND ROLLING MILL

PENNSYLVANIA

PITTSBURGH

Carlin John H Machine Co, Sandusky and Lacock sts ..... Cedar 233

MACHINERY—CORRUGATING AND EAVES TROUGH

OHIO

NEW BREMEN

Streine Tool & Mfg Co The ..... New Bremen 7

MACHINERY, CRUSHING

NEW YORK

NEW YORK CITY

West Pulverizing Machine Co, 220 Broadway ..... Cortland 272

MACHINERY DISMANTLERS & WRECKERS

NEW YORK

NEW YORK CITY

Leaf E B Co, 50 Church ..... Cortland 2656

MACHINERY, ELECTRIC WELDING FOR SPOT & BUTT WORK

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church .... Cortland 251

MACHINERY—ELECTRICAL

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bk bldg ..... Main 1740

PENNSYLVANIA

PHILADELPHIA

Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

MACHINERY—ELECTRICAL, MECHANICAL, ETC.

MASSACHUSETTS

BOSTON

Ellis A Lee, 141 Milk ..... Fort Hill 1994

MACHINERY, FARM OF ALL DESCRIPTION

GEORGIA

AUGUSTA

Kirtz & Hernlen, 1709 Chestnut ..... Augusta 1887

MACHINERY—FLOUR MILL, NEW AND REBUILT

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton ..... Wabash 965

MACHINERY FOR BROOM & BRUSH MNFRS.

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water ..... Beekman 3579

MACHINERY FOR FORGING, ROLLING & BENDING

ILLINOIS

CHICAGO

Williams, White & Company, Monadnock blk ..... Harrison 390

MOLINE

Williams, White & Company, 8th st and Third av ..... Moline 3000

MICHIGAN

DETROIT

Williams, White & Company, Dime Bk bldg. Cherry 1181

NEW YORK

NEW YORK CITY

Williams, White & Company, 30 Church .. Cortland 1644

PENNSYLVANIA

PITTSBURGH

Williams, White & Company, House bldg ... Court 3257

MCHRY, GLUING APPLIANCES, HEATERS, SPREADERS, ETC.

INDIANA

RUSHVILLE

Francis Chas E Co, West End 5th ..... Rushville 1660

MACHINERY—GRINDING AND POLISHING

PENNSYLVANIA

NORTH WALES

North Wales Machine Co Inc (Sensitive Drill Presses, Rod Cutters, Power Hack Saw Machines, Emery Wheel Dressers, and Extra Cutters, Grey Iron Castings) Elm av and Center ..... North Wales 147

MACHINERY GUARDS

ILLINOIS

CHICAGO

Aetna Iron & Wire Company, 119-123 N Sheldon ..... Haymarket 1877

MACHINERY GUARDS—OFFICE RAILINGS & WIRE GOODS MNFRS

INDIANA

LA FAYETTE

Peerless Wire Goods Co, 1416-30 Elizabeth ..... Bell-Lafayette 196 Lafayette 1965

MACHINERY—HAMMERS, POWER & DROP

ILLINOIS

CHICAGO

Williams, White & Company, Monadnock blk ..... Harrison 390

MOLINE

Williams, White & Company, 8th st and Third av ..... Moline 3000

MICHIGAN

DETROIT

Williams, White & Company, Dime Bank bldg ..... Cherry 1181

NEW YORK

NEW YORK CITY

Williams, White & Company, 30 Church..Cortland 1644

PENNSYLVANIA

PITTSBURGH

Williams, White & Company, House bldg..Court 3257

MACHINERY—HAT

CONNECTICUT

DANBURY

Doran Bros, 9 River.....Danbury 347

MACHINERY—HYDRAULIC PUMPS, PRESSES, ETC.

NEW YORK

NEW YORK CITY

Watson-Stillman Co The, 50 Church....Cortland 8470

MACHINERY LAUNDRY CLEANING & DYEING

MISSOURI

KANSAS CITY

Hickman Mfg Co, 1607 Locust.....Home-Main 3603

MACHINERY, LIGHT, SPECIAL

ILLINOIS

CHICAGO

Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073

MACHINERY, LIQUIDATORS, BUYERS OF ENTIRE PLANTS

MICHIGAN

DETROIT

Frank Bros Iron & Metal Co, E Grand bl & Orleans .....North 4529

MACHINERY & MACHINE TOOLS

OHIO

CINCINNATI

Western Machinery Co, 112 W 3d.....Main 96

MACHINERY, METAL WORKING

ILLINOIS

CHICAGO

Federal Machinery Sales Co, 12 N Jefferson.Monroe 4661
Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg.....Lawndale 1

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av..North 6020
Strelinger Chas A Co, 43-51 East Larned...Main 5605

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d Bell-Tyler 2500
..... Kinloch-Central 3645

NEW YORK

NEW YORK CITY

Ryerson Joseph T & Son, 30 Church & West Side av, Jersey City.....Cortland 8650

MACHINERY & MILL SUPPLIES

TENNESSEE

MEMPHIS

Reed & Duecker, 218-220 N Front.....Main 1645

MACHINERY, MINING

MISSOURI

JOPLIN

Rogers Foundry & Mfg Co, 11th and Pearl .....Home-Joplin 54

MACHINERY, MINING FOR RENT

MISSOURI

JOPLIN

Schneider Joseph Machinery Co, 401 School ..... Home-Joplin 426

MACHINERY, MINING, FOR RENT AND SALE

MISSOURI

WEBB CITY

Smith Machinery Co, 303 N Allen....Webb City 630

MACHINERY—MINING PLANTS COMPLETE

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bk bldg.....Main 1740

MACHINERY—MOVED, HOISTED AND ERECTED

ILLINOIS

CHICAGO

Gibbons W J Teaming & Rigging Co, 317-319 W Huron .....Superior 890
Mandelbaum J, 125 S Wells.....Main 4061

MACHINERY MOVERS

NEW YORK

NEW YORK CITY

Krasilovsky S & Bro, 218 Centre.....Canal 187

MACHINERY—NEW—REBUILT

NEW YORK

ALBANY

Simmons Machine Co Inc, 981 B'way.....Main 4876
See our Catalog Space, page 974

MACHINERY, NEW REBUILT BACKED BY FULL GUARANTEE

WASHINGTON

SEATTLE

Chicago Machy & Equipment Co, 926, 1st Av S .....Main 241

MACHINERY, NEW & SECOND HAND

GEORGIA

ATLANTA

Armstrong R S & Bro, 676 Marietta.....Main 1438

ILLINOIS

CHICAGO

Molitor Chas Machinery Co, 118-124 S Clinton .....Main 4540
Passman Bros, 30 S Green .....Monroe 6960
Pfannmueller Engineering Co, First Nat Bank bldg ..... Randolph 16
Wilson Machinery Co, 331 W 35th.....Yards 354

MINNESOTA

MINNEAPOLIS

Harris Machinery Co (Engines, Boilers, Machine Tools, Electrical & Contractors Equipment), Washington and University av S E Bell-East 62
..... Tri State 41-062

OHIO

CINCINNATI

Broadway Machinery Co, 236-238 Broadway.Canal 3663
Economy Machinery Co, 428-430 East Pearl .....Canal 3251
Ohio Machinery Exchange, 24 W 2d.....Main 2664

CLEVELAND

Rainsford T F & Co, 1276 E 55th.....Rosedale 5021

PENNSYLVANIA

PHILADELPHIA

Eastern Machinery & Equipment Co Bell-Spruce 4384
Inc, Commercial Trust bldg....Keystone-Race 1119
Seyfert's L F Sons, Inc, 437 N 3d.....Bell-Market 2966
.....Keystone-Main 1487
Sun Power Equipment Co, Bell-Spruce 1916
Commercial Trust bldg.....Keystone-Race 2237
Toomey Frank Inc, 127-31 N 3d.....Market 261

MACHINERY, NEW AND USED POWER EQUIPMENT

MICHIGAN

DETROIT

Adams & Harding Chamber of Commerce bldg ..... Cadillac 7169

MACHINERY NEW AND USED RAIL & RAILROAD SUPPLIES

CALIFORNIA

OAKLAND

American Machine Works Inc (Wholesale Dealers Scrap Iron and Metals), 518-520-522-524, 4th st .....Oakland 805

MACHINERY NEW AND USED SPECIALISTS MINING MCHRY.

CALIFORNIA

SAN FRANCISCO

Simpson A H Co, 633 Stevenson.....Market 1703

MACHINERY PATENTS SECURED

NEW YORK

NEW YORK CITY

Munn & Co, 233 Broadway.....Barclay 8064

MACHINERY (POWER) PLANNED FURNISHED, ERECTED, ETC.

PENNSYLVANIA

YORK

Lindemuth Engineering Co Inc, 155 N George ..... Bell-York 431-M York 26-J

MACHINERY, PULVERIZING

NEW YORK

NEW YORK CITY

West Pulverizing Machine Co, 220 Broadway ..... Cortland 272

MACHINERY, PUNCHING AND SHEARING

ILLINOIS

CHICAGO

Williams, White & Company, Monadnock blk ..... Harrison 390

MOLINE

Williams, White & Company, 8th st and Third av .....Moline 3000

MICHIGAN

DETROIT

Williams, White & Company, Dime Bank bldg ..... Cherry 1181

NEW YORK

NEW YORK CITY

Williams, White & Company, 30 Church..Cortland 1644

PENNSYLVANIA

PITTSBURGH

Williams, White & Company, House bldg..Court 3257

MACHINERY REPAIRING OF ALL KINDS

ILLINOIS

CHICAGO

Adapt Machinery Co The, 1624-1632 S Wabash av.....Calumet 946
Illinois Engineering & Machinery Co, 222-224 N Clinton .....Franklin 1008

MACHINERY REPAIRING AND SPECIAL MANUFACTURED

ALABAMA

BIRMINGHAM

Howard-Hilty Machine Co, 1100, 1st av....Main 878

MACHINERY, ROAD MAKING AND FARM POWER

MICHIGAN

PORT HURON

Port Huron Engine and Thresher Co, 3401-3609, 24th.....Port Huron 113

MACHINERY—ROD DRAWING

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co .....Bloomsburg 88R

MACHINERY—ROLLING MILL

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market.Danville 21

MACHINERY SAFETY GUARDS

PENNSYLVANIA

PHILADELPHIA

Raub C H, Wayne av and Berkley .....Bell-Wyoming 1328 Keystone-North 93

PITTSBURGH

Hanny Chas G & Co, 856 W North av.....Cedar 3612

MACHINERY—SAND-MIXING & SAND BLASTING

NEW YORK

NEW YORK CITY

Sand Mixing Machine Co, 52 Vanderbilt.Murray Hill 3663

MACHINERY, SECOND HAND

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle.....Majestic 7396

NEW YORK

NEW YORK CITY

Hooper James K, 50 Church.....Cortland 771
Leaf E B Co, 50 Church.....Cortland 2656
MacGovern & Company Inc, 114 Liberty ..Rector 3375
See our Catalog Space, page 975
Rheinfrank Building Material Co Est 1877, 620 East 14th .....Forsyth 9280
Salzberg, H. E. & Co, 30 Church.....Cortland 684
Terminal Machine Co, 406-408 Broome..Cortland 3169

MACHINERY SHAPE DRAWING

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co.....Bloomsburg 88R

MACHINERY—SHEET METAL WORKING

OHIO

CANTON

Canton Foundry & Machine Co Inc The, 3d S E and Savannah av..... Bell-Main 222 Ohio State 222

NEW BREMEN

Streine Tool & Mfg Co The.....New Bremen 7

MACHINERY, SHOE, AUTO TIRE, HARNESS & BAG, STITCHERS

NEW YORK

NEW YORK CITY

Landis Machine Company, 84 Chambers..Barclay 6698

MACHINERY SISAL EXTRACTING

NEW YORK

NEW YORK CITY

Prieto Machine Co Inc, 289 Pearl.....Beekman 3581

MACHINERY, SPECIAL

ILLINOIS

CHICAGO

Blomfeldt & Rapp Co, 108-128 N Jefferson..Monroe 3981
Excelsior Die & Tool Works, 625 W Jackson bl .....Monroe 5798

MARYLAND

BALTIMORE

Brown F S & G L Machine Co, 20 E Fort av.South 300
Detrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

FREDERICK

American Foundry & Mfg Co, 100-108 W South .....Frederick 578

NEW JERSEY

PATERSON

Knapp Chas H, Waite and Rye.....Paterson 2254

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

OHIO

CINCINNATI

Bock Machine Co The, 3618-20 Colerain av.Park 314

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av N E .....Rosedale 6301

TIFFIN

Hanson Clutch & Machine Co, 79 JeffersonTiffin 1177-W
Keller A P Machine and Plating Works, 143 Madison .....Tiffin 192

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co.....Bloomsburg 88R

MACHINERY, SPECIAL & AUTOMATIC

ILLINOIS

CHICAGO

Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

MACHINERY, SPECIAL DESIGNED AND BUILT

PENNSYLVANIA

YORK

Earll C I, 142 Susquehanna av.....York 255-W

MACHINERY—SPECIAL DESIGNERS

ILLINOIS

CHICAGO

Libby, Parrish & Huls, 327 S LaSalle...Harrison 384
See our Catalog Space, page 946

MACHINERY, SPECIAL DESIGNERS AND ENGINEERS

ILLINOIS

CHICAGO

Kux Albert S, 127 N Dearborn.....Randolph 5693

MACHINERY—SPECIAL DESIGNERS & MFRS.

ILLINOIS

CHICAGO

Advance Tool Works, 2300 Warren av.....Seeley 2928
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017
Krebs Mfg Co, 341-349 E Ohio.....Superior 8611
Lundquist Hans Machine Works, 233 W Schiller .....Superior 301
Malm & Stahl Tool Works, 561 Washington bl .....Main 4953
Moore & Company, 301 W Grand av....Superior 1819
Saal H G Company, 1808-1810 Montrose av .....Ravenswd 730
See our Catalog Spage, page 941
Thompson & Bremer, 850 S Canal.....Wabash 6764

MARYLAND

BALTIMORE

Black & Decker Mfg Co The, 105-15 S Calvert .....St Paul 894

NEW YORK

NEW YORK CITY

Bangerter F Machine Works, 425-435 East 102d .....Lenox 6489
See our Catalog Space, page 975
Lazarides Mfg Co, 136 Liberty and 141 Cedar .....Rector 2724

VIRGINIA

PETERSBURG

Stratton & Bragg Co Inc, 26 S Union..Petersburg 7

MACHINERY, SPECIAL DIE & TOOL MANUFACTURERS

MISSOURI

ST LOUIS

Ideal Machine & Tool Works, 22 S Broadway.Olive 5655

MACHINERY—SPECIAL AND EXPERIMENTAL WORK

OHIO

DAYTON

Industrial Tool, Die & Engineering Co The, 322 rear East Fifth.....Main 1664
See our Catalog Space, page 1017

MACHINERY SPECIAL FROM ENGINEERS DESIGNS

NEW YORK

NEW YORK CITY

International Machine and Tool Corporation, 72 Trinity pl .....Rector 9117
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

MACHINERY—SPECIAL, MACHINE—TOOLS & REPAIRING

OHIO

CINCINNATI

Simmons W H & Co, 208-12 Lawrence....Canal 5623

MACHINERY—SPECIAL POWER PUNCHING PRESSES & DIES

OHIO

CINCINNATI

Verdin, Kappes & Verdin Co The, S E cor 2nd and Central av.....Main 2753

MACHINERY—SPECIAL—TO ORDER

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 3756

MACHINERY—STEAM, ELECTRICAL, TEXTILE

GEORGIA

ATLANTA

Jones K L Machinery Co, Healey bldg.....Ivy 4787

MACHINERY—STEAM-BOAT & SPECIAL

PENNSYLVANIA

PITTSBURGH

Marine Mfg & Supply Co The, (Pulsometer Pumps Dump-scow Fittings) 35 Water..Court 1980

MACHINERY—STEEL AND ROLLING MILL

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway and C & P R R.....Bell-Alliance 500 Ohio State 2214

MACHINERY AND TOOL MANUFACTURERS

NEW JERSEY

NEWARK

Beaver Machine & Tool Co, 13-15 Franklin..Market 2931

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

RHODE ISLAND

PROVIDENCE

Brown & Sharpe Mfg Co, Promenade.....Union 949

MACHINERY & TOOLS (SPECIAL)

MASSACHUSETTS

BOSTON

Moback Tool & Machine Mfg Co, 330 Atlantic av .....Fort Hill 3617

NEW HAMPSHIRE

LEBANON

Lebanon Machine Co.....Lebanon 186-11

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

MACHINERY & TOOLS—DESIGNED & BUILT

MICHIGAN

DETROIT

Chambe G F, 225 Sherman.....Edgewood 2605-M

NEW YORK

NEW YORK CITY

Ellsworth S P Co, 430 Kent av, Bklyn..Wmsburg 4214

MACHINERY—TUBE DRAWING

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co.....Bloomsburg 88R

MACHINERY, TURRET

ILLINOIS

CHICAGO

Pierce Machine Tool Co, 617 W Jackson bl .....Haymarket 2715

MACHINERY "USED"

ILLINOIS

CHICAGO

Wright David A, 568 W Washington bl..Franklin 5899

INDIANA

INDIANAPOLIS

Vonnegut Machinery Co, 43-45 South Meridian .....Bell-Main 257 Automatic 25-312

PENNSYLVANIA

PHILADELPHIA

Lewis Ralph R Co, Commercial Trust bldg .....Bell-Spruce 3392 Keystone-Race 1249

MACHINERY-USED EQUIPMENT EVERY VARIETY

PENNSYLVANIA

PHILADELPHIA

Nuttall J, 1744-46-48-50 N 5th .....Bell-Diamond 7661 Keystone-Park 291

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg..Grant 1516
See our Catalog Space, page 976
Pittsburgh Machinery & Equipment Co, Fulton bldg .....Grant 3047

MACHINERY—WIRE DRAWING

PENNSYLVANIA

BLOOMSBURG

Richard Mfg Co.....Bloomsburg 88R

MACHINERY—WIRE MILL, COMPLETE PLANTS

ILLINOIS

CHICAGO

American Industrial Engineering Co, Monadnock blk .....Harrison 2380

MACHINERY—WOOD WORKING

ILLINOIS

CHICAGO

American Wood Working Machinery Co, 565 W Washington bl.....Franklin 3664
Chicago Machinery Exchange, 27 Washington bl .....Monroe 5188
Illinois Engineering & Machinery Co, 222-224 N Clinton .....Franklin 1008

MICHIGAN

DETROIT

Strelinger Chas A Co, 43-51 E Larned.....Main 5605

NEW YORK

ROCHESTER

American Wood Working Machinery Co 591 Lyell av.....Genessee 1970

OHIO

CINCINNATI

Powsley John T Mfg Co, 1037 Evans.....West 331

LEETONIA

Crescent Machine Co The Bell-Leetonia 50
.....Ohio State 27

MACHINERY WOOD WORKING FOR MANUAL TRAINING

OHIO

COLUMBIANA

Enterprise Company The, South Bell-Columbiana 5
Main st .....Ohio State 4

MACHINERY—WOOD WORKING —NEW AND REBUILT

NEW YORK

NEW YORK CITY

Iney Géo H & Co, 50 Church.....Cortland 3756

MACHINES (ADDING & CALCULATING REBUILT) ALL MAKES

NEW YORK

NEW YORK CITY

Ilding Machine Inspection & Sales Co, 206 Bway .....Cortland 6739

MACHINES, SCREW

ILLINOIS

CHICAGO

erce Machine Tool Co, 617 W Jackson bl .....Haymarket 2715

MACHINES, WRAPPING

ILLINOIS

CHICAGO

rce Wrapping Machine Co, 617 W Jackson bl .....Monroe 6636

MACHINIST TRAINING SCHOOL

MICHIGAN

DETROIT

Machinist Training School, 140 Fort E..Cadilac 5115

MACHINISTS

ARKANSAS

LITTLE ROCK

Model Machine Works, 401-405 Rector av..Main 2597

ILLINOIS

CHICAGO

Adapt Machinery Co The, 1624-1632 S Wabash av .....Calumet 946
Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 940
Central Machine Co, 3615 S Ashland av.McKinley 330
Jones W A Foundry & Machine Co, 4403 W 12th.....Lawndale 5040
Redington F B Co, 112-114 S Sangamon.Haymkt 681
Schroeder Brothers, 616-20 W Monroe.Haymarket 5541
Schultz A L & Son, 1677 Elston av.....Monroe 1629
Signalite Mnfg Co, 522 S Clinton.....Harrison 7763
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Tarrant Robt, 323-329 W Illinois.....Main 1084

INDIANA

INDIANAPOLIS

Chandler & Taylor Company, Addison and Big Four RR Bell-Belmont 320
.....Automatic 39-316

MARYLAND

BALTIMORE

Detrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

MASSACHUSETTS

BOSTON

Bertelsen & Petersen Engineering Co, 240 Border .....East Boston 113

MICHIGAN

DETROIT

Smillie C M & Co, 130 E Larned.....Cherry 103

MINNESOTA

MINNEAPOLIS

Advance Machine Shop, 2613, 4th S E.....East 558
Mechanical Appliances Mfg Co Bell-Main 7255
420-422 S 6th .....Tri State 34056

NEW JERSEY

ARLINGTON

American Huhn Metallic Packing Co, 580 Elm .....Arlington 811

CAMDEN

Blair Mfg Co, 209 S 2nd Bell-Camden 1292
.....Keystone-Camden 726

EAST ORANGE

Smith A P Mfg Co The, Norman and Lawrence .....Orange 6000

JERSEY CITY

Jersey City Machine Co, 113-15 Plymouth .....Montgomery 309
Maydrite Products Mfg Co, Bergen and Kearney avs .....Bergen 4884

TRENTON

Dennis & Watson, 31 Parker av.....Trenton 119

NEW YORK

BUFFALO

Ivey R Company Inc, 160-162 Ellicott and 41-43 N Division.....Seneca 4633J

NEW YORK CITY

Benton Mfg Co Inc, 9 Bethune.....Chelsea 1064
Gerdes & Company Inc, (Special machine work to blue prints) 28 Church....Cortland 7673
Jensen O C, 1922 Park av (79 E 130th)..Harlem 6396
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065
Merit Machine Manufacturing Corp (Machinery, Electrical & Mechanical Apparatus. Made Under Contract. Any Quantities. Fully Equipped Factory with Experts at your service) 465 Greenwich .....Canal 9128
Slocum Avram & Slocum Laboratories Inc, 531 W 21st.....Chelsea 9240

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av ..... Rosedale 6301

MT VERNON

Mt Vernon Foundry & Engineering Co The, 100 West Vine.....Citizens 196

PENNSYLVANIA

CHESTER

Riverside Machine Co (Pipe Bending Machinery & Gear Cutting).....Chester 1737

PHILADELPHIA

Rich J & G Company, 120 122 N 6th....Market 2961

RHODE ISLAND

WOONSOCKET

Simplex Tool Co, Worral st.....Woonsocket 1235

MACHINISTS—CONTRACTORS

MICHIGAN

DETROIT

Cullen A F Machine Co, 485 Baker.....West 748
Fruchey Machine Co, 54 E LaFayette av..Cadillac 2949
Murphy Brothers, 75-85 Baltimore av W...Main 6414

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

OHIO

FOSTORIA

Bradley Machine Co, Rear Interurban Station .....Mair 698

MARION

Blocksom Bros Construction Co, 285 East Farming .....Marion 3934

MACHINISTS & CONTRACTORS BUILDERS OF DIES & TOOLS

INDIANA

MUNCIE

Moon Machine Co, Hackley and Penn R R..Main 326

MACHINISTS—DESIGNERS & BUILDERS OF DIES & TOOLS

ILLINOIS

CHICAGO

Industrial Products Co, 334 N Irving av.....West 3528

NEW JERSEY

JERSEY CITY

Hudson Metal Mfg Co Inc, 141 R R av, cor Barrow.....Montgomery 3788

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

OHIO

SPRINGFIELD

Rodgers George G Tool Works, 29 E Mulbery .....Main 985

WISCONSIN

MILWAUKEE

Wisconsin Tool & Supply Co, Enterprise bldg.Grand 3449

MACHINISTS' AND ENGINEERS' MANUFACTURERS

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

MACHINISTS MACHINE WORK OF EVERY DESCRIPTION

MASSACHUSETTS

BOSTON

Hesse John J (Home for Inventors, Inventions worked out), 134 Eliot.....Beach 4353R

MACHINISTS & MANUFACTURERS OF SPECIAL MACHINERY

MASSACHUSETTS

WORCESTER

Commercial Welding & Machinery Co, 21 Commercial .....Park 2772
Kidder R E Co, 31 Hermon.....Park 1414

NEW YORK

NEW YORK CITY

Lazarides Mfg Co, 136 Liberty & 141 Cedar. Rector 2724
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

OHIO

DAYTON

Saunders James Co The, 24-26 N Canal....Main 3778

MACHINISTS, MANUFACTURING

DELAWARE

WILMINGTON

Slocomb F F & Co Inc (Contract Machine Work to Blue Prints), 14th and Poplar. Wilmington 778

MINNESOTA

ST PAUL

Midway Engineering Works Inc, 2237 Hampden av .....Midway 419

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn. Main 7065

MACHINISTS MFG. & REPAIRING (DIE & TOOL WORK)

MINNESOTA

ST PAUL

Capitol Machine Co, 311 Minnesota ..... Bell-Jackson 1232 Tri State 23441

MACHINISTS' SUPPLIES

NEW YORK

NEW YORK CITY

Scott J W Hardware Co, 30 Warren.....Barclay 6113

MACHINISTS' TOOLS

CONNECTICUT

SOUTH NORWALK

LeCount Wm G, Merritt .....S Norwalk 376

MAGAZINE BINDERS

NEW YORK

NEW YORK CITY

Gem Binder Co The, 65 West Bway.....Barclay 5927
Universal Binder The, 7 East 14th....Stuyvesant 2639

MAGAZINES

ILLINOIS

CHICAGO

Golfers Magazine Co The, 53 W Jackson bl .....Harrison 2520

MAGAZINES, FOREIGN

NEW YORK

NEW YORK CITY

Steiger E & Co, 49 Murray.....Barclay 6134

MAGNESIUM METAL & POWDER

NEW YORK

NEW YORK CITY

Rumford Metal Company, 201, 5th av..Gramercy 1839

MAGNETO PARTS

NEW YORK

NEW YORK CITY

Magneto Parts Co (All Makes of Magnetos and Parts—Cables), 1790 Broadway.....Colmbus 5930

MAGNETOS

NEW YORK

BUFFALO

Ericsson Man'fg Co, 1100 Military rd.....Worth 1145

MAGNETOS & IGNITION APPARATUS

INDIANA

ELKHART

Standard Ignition Co, McDonald.....Elkhart 163

OHIO

CLEVELAND

K-W Ignition Co The, 2811 Chester av N E..... Bell-Prospect 1560 Ohio State-Central 2531-R

MAGNETOS & IGNITION SUPPLIES

MISSOURI

ST LOUIS

Ford Magneto Co, 2611 Locust .....Bomont 65

MAGNETOS—REPAIRING, GENERATORS & COILS

MICHIGAN

DETROIT

Detroit Magneto Exchange, 192 Grand River av N .....Cherry 1288

MAHOGANY

MASSACHUSETTS

BOSTON

Palmer & Parker, 108 Medford.....Charlestown 2

MAHOGANY CUSTOM MILL MNFRS. LUMBER & VENEER

NEW YORK

NEW YORK CITY

Astoria Veneer Mills & Dock Co, foot Blackwell Long Island City.....Astoria 715

MAHOGANY STAINS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

MAIL ADVERTISING

ILLINOIS

CHICAGO

Moreland Advertising Company The, 14 E Jackson bl .....Harrison 83
See our Catalog Spage, page 908

MAIL BAGS, COIN BAGS AND BOSTON BAGS

NEW YORK

NEW YORK CITY

Urband Leather Goods Co, 158-159 W 15th .....Chelsea 1305

MAIL BAGS AND POUCHES

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane.....Worth 4770

MAIL BOXES (R F D)

MISSOURI

ST LOUIS

Medart Fred Mfg Co, Potomac and De Kalb .....Sidney 4315

MAILING, ADDRESSING & WRAPPING MACHINES

MASSACHUSETTS

FITCHBURG

Nielsen Mailing Machine Co, Willow..Fitchburg 2176

MAILING CASES

LOUISIANA

NEW ORLEANS

St Louis Paper Can & Tube Co (Thomas Dunne Co, Reps), 415-417 Natchez .....Main 4083
See our Catalog Space, page 928

MINNESOTA

MINNEAPOLIS

St Louis Paper Can & Tube Co, (L T Abbott Rep), N Y Life bldg..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 928

MISSOURI

KANSAS CITY

St Louis Paper Can & Tube Co (A S Barada & Co, Reps), 2018 Guinotte av ..... Bell-Main 1757 Home-Main 9099
See our Catalog Space, page 928

ST LOUIS

St Louis Paper Can & Tube Co, 4400 N Union av .....Colfax 160
See our Catalog Space, page 928

NEW YORK

BUFFALO

St Louis Paper Can & Tube Co (B H Westcott, Rep) Ellicott sq.....Seneca 4923
See our Catalog Space, page 928

TENNESSEE

MEMPHIS

St Louis Paper Can & Tube Co (Rosemore Co, Reps), Rand bldg ..... Main 2511
See our Catalog Space, page 928

TEXAS

DALLAS

St Louis Paper Can & Tube Co (M M Hinton, Rep), 1711 Griffin ..... Main 4175
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MAILING CASES FOR LIQUIDS

ILLINOIS

CHICAGO

Western Box Co, 326 River ..... Central 2081

MAILING ENVELOPES OF ALL DESCRIPTIONS

NEW JERSEY

NEWARK

Miller Brothers Co The, 216-228 High ..... Branch Brook 1575

MAILING LISTS

CALIFORNIA

LOS ANGELES

os Angeles Addressing & Mailing Co, Delta bldg, 426 S Spring ..... Home A-2170 Manual-Main 1584

ILLINOIS

CHICAGO

1 List & Addressing Co, 608 SDearborn. Harrison 8514
uckley, Dement & Co, 632 Sherman... Harrison 850
ild Company, 30 N Dearborn ..... Central 6964
itation Typewriting & Addressing Co, 71 W Randolph ..... Central 3333
ihl & Bent Co, 732 Sherman ..... Wabash 2375
lk R L & Co, 536 S Clark ..... Wabash 2478
ade Circular Addressing Co, 166 W Adams ..... Franklin 1182
wentieth Century Mailing Service, 155 W Kinzie ..... Franklin 104
n Weller-Lyon Co The, 180 N Market. Franklin 324

MISSOURI

ST LOUIS

es-Gould List and Letter Co, 1037-D Olive. Olive 3602

NEW YORK

BUFFALO

ffalo Advertising Service Inc, Coal & Iron Exch bldg ..... Seneca 3000

NEW YORK CITY

ld Company, 65 Duane ..... Worth 1728
tion Picture Directory Co, 80, 5th av.. Chelsea 3227
ndel H F (Guide of 200,000 Manufacturers, List of 2,000 Export-Commission Houses, List of 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau ..... Cortland 7630

OHIO

CLEVELAND

ct Advertising Co The, 737 Prospect av ..... Central 4585-W

PENNSYLVANIA

PHILADELPHIA

e Addressing & Printing Co (Write for Catalogue showing guarantee), 704 Chestnut ..... Walnut 5170

TEXAS

DALLAS

s Mailing Co, 1415 Commerce ..... Main 7763

MAILING LISTS, ADDRESSING, CIRCULARIZING

NEW YORK

NEW YORK CITY

Boyd's City Dispatch, 19 Beekman ..... Beekman 4540

WASHINGTON

SEATTLE

Stewart Mailing List Co (Farmers Complete, Washington, Oregon, Idaho Specialty), Transportation bldg ..... Main 5530

MAILING LISTS, CIRCULARIZING, ADDRESSING

CALIFORNIA

LOS ANGELES

Accurate Mailing List Co (Complete California and Western States Lists), Douglas bldg, 3d and Spring ..... Home-A-3629 Manual-Main 9314

MAILING LISTS, GENERAL & SPECIAL

NEW YORK

NEW YORK CITY

United States Addressing & Printing Company, 24-26 Murray ..... Barclay 5675

MAILING LISTS & LETTER DUPLICATING

IOWA

WATERLOO

Mazon Service Corporation, Marsh-Place bldg ..... Waterloo 352

NEBRASKA

OMAHA

Mazon Service Corporation, Security bldg.. Tyler 2178

OHIO

CLEVELAND

Mazon Service Corporation, Schofield bldg.. Main 4788

MAILING MACHINES

ILLINOIS

CHICAGO

Mail-O-Meter Sales Company, 39 S La-Salle ..... Randolph 1673

MASSACHUSETTS

SOMERVILLE

Standard Envelope Sealer Mfg Co The, Somerville, Mass ..... Somerville 2910
Standard Stamp Affixer Mfg Co The, Somerville, Mass ..... Somerville 2910

MICHIGAN

DETROIT

Mail-O-Meter Sales Company, 1097 E Jefferson av ..... Edgewater 1084

NEW YORK

BUFFALO

Dick Mailer, The Robert, 137 W Tupper.. Tupper 325

NEW YORK CITY

Mail-O-Meter Sales Company, Pulitzer bldg ..... Beekman 3816

MAILING SERVICE

NEW JERSEY

EAST ORANGE

Doremus R H, 9 Washington ..... Orange 1062

MAILING TUBE MANUFACTURERS

NEW YORK

NEW YORK CITY

Advance Paper Tube & Can Mfg Co, 132-134 Greene ..... Spring 1509
Flat Mailing Tube Mfg Co The, (The Flat Mailing Tube; "the Tube that comes in a Flat Sheet and Locks its contents when rolled") 43 Mercer ..... Canal 3743
Wareco, 48-50 Watts ..... Spring 8183

MAILING TUBES

ILLINOIS

CHICAGO

Kroeck Paper Box Co, 220 Institute pl... Superior 7847
Ritche W C & Company, 412 S Green. Haymarket 4102
See our Catalog Space, page 987

LOUISIANA

NEW ORLEANS

St Louis Paper Can & Tube Co (Thomas Dunne Co, Reps), 415-417 Natchez ..... Main 4083
See our Catalog Space, page 928

MINNESOTA

MINNEAPOLIS

St Louis Paper Can & Tube Co (L T Abbott, Rep), N Y Life bldg ..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 928

MISSOURI

KANSAS CITY

St Louis Paper Can & Tube Co (A S Barada & Co, Reps) 2018 Guinotte av ..... Bell-Main 1757 Home-Main 9099
See our Catalog Space, page 928

ST LOUIS

St Louis Paper Can & Tube Co, 4400 N Union av ..... Colfax 160
See our Catalog Space, page 928

NEW YORK

BUFFALO

St Louis Paper Can & Tube Co (B H Westcott, Rep), Ellicott sq.... Seneca 4923
See our Catalog Space, page 928

TENNESSEE

MEMPHIS

St Louis Paper Can & Tube Co (Rosemore Co, Rep), Rand bldg ..... Main 2511
See our Catalog Space, page 928

TEXAS

DALLAS

St Louis Paper Can & Tube Co (M M Hinton, Rep), 1711 Griffin ..... Main 4175
See our Catalog Space, page 928

MAILING TUBES, PAPER (FOR ADV. MATTER)

ILLINOIS

CHICAGO

Chicago Mailing Tube Co, 435 S Hoyne av.. West 1

MAILING TUBES & WRAPPERS (FLAT SHEETS)

NEW YORK

NEW YORK CITY

Mail Wrapper Tube Co The, 162-164 E 115th ..... Harlem 311

MAILING WRAPPERS

ILLINOIS

CHICAGO

Pull the String Mailing Wrapper Co, 226-228 W Superior ..... Superior 3866

MALLEABLE IRON

INDIANA

HAMMOND

Hammond Malleable Iron Co ..... Hammond 3220

MALLEABLE IRON CASTINGS

ILLINOIS

DECATUR

Decatur Malleable Iron Co, Woodford & Curtis. Main 1754

GALESBURG

Galesburg Malleable Castings Company, 3d and Ave C ..... Galesburg 1648

MOLINE

Cooper H W Saddlery Hdw Mfg Co, 228 Second ..... Moline 99

ST CHARLES

Moline Malleable Iron Co, West St Charles ..... St Charles 9

INDIANA

RICHMOND

Richmond Malleable Castings Co The, Washington av ..... Richmond 3427

OHIO

MARION

American Malleable Castings Co The, 740 W Center ..... Marion 2233

TOLEDO

Maumee Malleable Castings Co The, Woodville and W & L E RR.. Bell-Navarre 2878 Ohio State-River 444

MALLEABLE IRON CASTINGS, ALL KINDS, PLAIN—MACHINED

NEW YORK

NEW YORK CITY

Pennell J F, 45 Broadway ..... Rector 2729

MALLEABLE IRON PIPE FITTINGS

OHIO

CLEVELAND

Grabler Mfg Co, 6565 Broadway ..... Bell-Broadway 244 Ohio State-Union 42

MALLEABLE IRON, STEEL AND GREY IRON CASTINGS

MASSACHUSETTS

BOSTON

Suffolk Castings & Supply Co Inc, 110 A Broad ..... Fort Hill 1724

MALLETS (RAWHIDE)

ILLINOIS

CHICAGO

Chicago Rawhide Mfg Co The, 1301 Elston av ..... Monroe 6760

MALTED MILK

WISCONSIN

WAUKESHA

Thompson's Malted Food Co, Riverside Drive ..... Waukesha 643

MALTING APPARATUS, PNEUMATIC

WISCONSIN

MILWAUKEE

Galland-Henning Mfg Co, 26th av and Layton Park ..... Orchard 193

MANDRELS (EXPANDING)

OHIO

SPRINGFIELD

Western Tool & Mfg Co., The, Burt and Pleasant ..... Main 1012

MANDRELS (ZINC ALLOYED SHERARDIZED)

CONNECTICUT

NEW HAVEN

New Haven Sherardizing Co The, 1040 State Liberty 6941

MANGANESE, ANTIMONY, CHEMICALS, ETC.

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, Woolworth bldg ..... Barclay 7924
See our Catalog Space, page 930

MANGANESE BRONZE INGOTS

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce.. Liberty 4320
See our Adv., page 32, first page opposite Section 1

MANGANESE BRONZE PRODUCTS

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Co, Rhawn & Hegerman, Holmesburg ..... Holmesburg 600

MANGANESE STEEL CASTINGS

ILLINOIS

CHICAGO

American Manganese Steel Company, 332 S Michigan av ..... Harrison 7989

NEW YORK

NEW YORK CITY

American Manganese Steel Company, 30 Church ..... Cortland 2976

PENNSYLVANIA

PITTSBURGH

American Manganese Steel Co, Oliver bldg.. Grant 4156

MANHOLE FRAMES AND COVERS

ALABAMA

ANNISTON

Central Foundry Company The, 10th & Montrose ..... Anniston 58
See our Adv., Outside Back Cover

BESSEMER

Central Foundry Company The, 730, 22d. Bessemer 44
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HOLT

Central Foundry Company The ..... Tuscaloosa 932
See our Adv., Outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg ..... Kearney 1954
See our Adv., Outside Back Cover

GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg ..... Ivy 4747
See our Adv., Outside Back Cover

ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av ..... Harrison 2181
See our Adv., Outside Back Cover

INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2nd.. Main 566
See our Adv., Outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk... Wolfe 73
See our Adv., Outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings ..... Roxbury 1318
See our Adv., Outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg ..... Main 4650
See our Adv., Outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Company The, Foot of Lockwood ..... Market 6510
See our Adv., Outside Back Cover

NEW YORK

MEDINA

Central Foundry Company The, Glenwood av ..... Medina 277-W
See our Adv., Outside Back Cover

NEW YORK CITY

Central Foundry Company The, 90 West... Rector 1860
See our Adv., Outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Company The ..... Lansdale 36
See our Adv., Outside Back Cover

TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Adv., Outside Back Cover

MANHOLE GUARDS

NEW YORK

SKANEATELES

Universal Cable Grip Co, ...Skaneateles 201
See our Catalog Space, page 934

MANICURE IMPLEMENT MANUFACTURERS

NEW JERSEY

NEWARK

uchanan & Burns Company, 45 Austin..Waverly 1321

MANICURE SETS

NEW YORK

NEW YORK CITY

oward Specialties Co Inc, 15 Crosby.....Canal 8633

MANICURE AND TRAVELING SETS MFRS. OF HOLIDAY GOODS

NEW YORK

NEW YORK CITY

cher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston .....Spring 2367

MANICURING SETS—MFRS.

NEW YORK

NEW YORK CITY

ex," 40-42 East 19th .....Gramercy 4663

MANIFOLD BOOKS

MASSACHUSETTS

BOSTON

tell A E Co, 159 Devonshire.....Main 1215

SPRINGFIELD

tell A E Co, Third Natl Bank bldg.....River 3235

NEW HAMPSHIRE

KEENE

tell A E Co, ...Keene 300

NEW YORK

NEW YORK CITY

e Manifolding Co Inc, 520 W 36th....Greeley 460
ell A E Co, 258 Broadway .....Barclay 5992
ple-Rieger Co The, 521 W 23d.....Chelsea 2290
See our Catalog Space, page 972

ROCHESTER

ell A E Co (H E Wyman, Mgr), Swanger & Barry bldg.....Rochester-Stone 1012

PENNSYLVANIA

PHILADELPHIA

ral Manifold & Printing Co (Sheets Carbon-ted, No Loose Carbons), Bourse bldg.Lombard 3601

RHODE ISLAND

PROVIDENCE

ell A E Co, Grosvenor bldg.....Union 2017

MANIFOLD ORDER BOOKS, ETC.

NEW YORK

NEW YORK CITY

n & Pease Co, 84 Hudson av, Bklyn...Main 7986
See our Catalog Space, page 923

MANILA ROPE

ILLINOIS

CHICAGO

Fischer & Hayes Rope Co, 602 W Lake...Monroe 76

MANTELS

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th.....Bryant 8430

MANTELS AND FIREPLACE FIXTURES

NEW YORK

NEW YORK CITY

Jackson Edwin A & Bro Inc, 50 Beekman..Beekman 1841

MANTELS WOOD AND TILE

MISSOURI

ST LOUIS

Hornet Mantel Co, 1115 Market.....Main 2201

MANUAL TRAINING BENCHES, MNFRS.

ILLINOIS

CHICAGO

Christiansen C, 2219 W Grand av.....Seeley 3167

MANUAL TRAINING EQUIPMENT—ALL KINDS

NEW YORK

NEW YORK CITY

Price W R Inc, 127, 5th av.....Gramercy 996

MANUFACTURERS

ILLINOIS

CHICAGO

Signalite Mnfg Co, 522 S Clinton.....Harrison 7763

MANUFACTURERS (SPECIAL—METAL GOODS)

ILLINOIS

CHICAGO

Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017

MANUFACTURERS' AGENTS

CALIFORNIA

SAN FRANCISCO

Kahn L L, 154 Sutter.....Kearny 4167

INDIANA

INDIANAPOLIS

Super-Service Sales Co, 122 E Ohio.....Main 5556

MASSACHUSETTS

SPRINGFIELD

Hotaling G F Co Inc, 274 Main. Hampden bldg .....Walnut 1808

MICHIGAN

DETROIT

Johnson Charles, Dime Bank bldg.....Main 2408

NEW YORK

ALBANY

Hotaling G F Co Inc, Waldorf bldg.....Main 4196

BINGHAMTON

Hotaling G F Co Inc, Kilmer Press bldg .....Binghamton 644

NEW YORK CITY

Craigie & Co Ltd, 1 Wall.....Rector 8986
Hernandez C F Sons & Co, 17 Battery pl..Rector 5678

UTICA

Hotaling G F Co Inc, Mayro bldg.....Utica 693

PENNSYLVANIA

PITTSBURGH

King Sales Co The, Century bldg.....Grant 3379
Stover S H, May bldg.....Grant 6846

WILLIAMSPORT

Velott Penrose, 350 Pine .....United 479

WISCONSIN

MILWAUKEE

Williams & Wolff, Majestic bldg.....Grand 365

MANUFACTURERS AGENTS—FOR BUILDING PRODUCTS

UTAH

SALT LAKE CITY

Stayner & Daly, 27 W 3d S.....Wasatch 2774

MNFRS. AGENTS, GRAVITY CARRIERS, LIFTING TRUCKS, ETC.

MICHIGAN

DETROIT

Pollak James & Charles, Free Press bldg....Main 1497

MANUFACTURERS AGENTS—HARDWARE & BLDG MATERIALS

UTAH

SALT LAKE CITY

Williams T A, Scott bldg.....Wasatch 7805

MANUFACTURERS AGENTS AND JOBBERS

OREGON

PORTLAND

Pacific Coast Sales Co, 246 Stark.....Main 5819

MNFRS' AGENTS; STEAM ENGINEERING SPECIALTIES

CALIFORNIA

SAN FRANCISCO

Mushet W E Co, 502 Mission.....Sutter 4797

MANUFACTURERS' DISTRIBUTORS

NEW YORK

BUFFALO

O'Brien Edgar P & Co, 1053 Ellicott sq....Seneca 3518

MNFRS: TYPEWRITER RIBBONS, CARBON PAPER & INKS

CALIFORNIA

SAN FRANCISCO

Ink Ribbon Manufacturing Co, 61 Fremont..Sutter 1020

MANUFACTURING SITES

CALIFORNIA

SAN FRANCISCO

San Francisco Chamber of Commerce (Actively interested in supplying information to industries interested in Pacific coast advantages and possibilities. Write for specific information), Merchants Exchange bldg .....Kearny 112

ILLINOIS

CHICAGO

Manufacturers Terminal Co, Tribune bldg.Randolph 1853
See our Catalog Space, page 976

WAUKEGAN

Manufacturers Terminal Co, Terminal bldg ..... Waukegan 190
Waukegan 191
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MINNESOTA

STILLWATER

Civic Club, Tepas Block.....Stillwater 108

MANURE

NEW YORK

NEW YORK CITY

Long Island Manure Export Co, 753 Flushing av Bklyn .....Stagg 114
O'Rourke James F Manure Co Inc, 755 Flushing av Bklyn.....Stagg 114

MAP DRAUGHTING, ENGRAVING, PUBLISHING, PRINTING

NEW YORK

NEW YORK CITY

Liberty Map Corporation, 25 John.....Cortland 1459

MAP DRAWINGS

ILLINOIS

CHICAGO

White & Kilroy, Monadnock blk.....Harrison 5502

MAP ENGRAVERS

ILLINOIS

CHICAGO

Buckley Geo M, 538 S Clark.....Wabash 3573

MAP ENGRAVERS, LITHOGRAPHERS AND PRINTERS

NEW YORK

NEW YORK CITY

Walrath Russell J, 123 Liberty.....Cortland 4341

MAP ENGRAVERS, LITHOGRAPHERS AND PUBLISHERS

MICHIGAN

DETROIT

Federal Lithograph Co, Marquette bldg...Cadillac 3339

MAP LITHOGRAPHERS, ENGRAVERS & PUBLISHERS

ILLINOIS

CHICAGO

Wangersheim W, 125-131 W Ohio.....Superior 2496

MAP PUBLISHERS

PENNSYLVANIA

PHILADELPHIA

Smith Elvino V, 512-14 Walnut.....Lombard 312

MAPS

ILLINOIS

CHICAGO

Rand, McNally & Co, 538 S Clark.....Wabash 363
See our Catalog Space, Page 998

INDIANA

INDIANAPOLIS

National Map Company, 32 E Georgia.....Main 6823

NEW YORK

NEW YORK CITY

General Drafting Co Inc, 9 Church.....Cortland 2090
Interstate Map Co, 239 Broadway.....Barclay 9737
National Map Company, 119 Nassau.....Cortland 5780
Rand, McNally & Co, 42 E 22d.....Gramrcy 3130
See our Catalog Space, page 998

MAPS—MECHANICAL CITY

OHIO

CLEVELAND

Mohr Map Co The, Schofield bldg.....Main 2865

MAPS AND STREET GUIDES OF ALL CITIES

NEW YORK

NEW YORK CITY

Interstate Map Co, 239 Broadway.....Barclay 9737

MAPS—TOPOGRAPHICAL AND LANDSCAPES

NEW YORK

NEW YORK CITY

Morgan Bros (Schools, Colleges, Museums, Specialty Government Work), Grand Central Terminal .....Murray Hill 8882

MARBLE (BANKS, LOBBIES, HOTELS, SPL INTERIOR WK)

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

MARBLE CONTRACTORS

ILLINOIS

CHICAGO

Taylor Marble Co, 610 E 40th.....Drexel 4381

MARBLE—CRUSHED AND DUST

NEW YORK

NEW YORK CITY

Kapailo Mfg Co Inc (For cast stone, floors, stucco, plaster) 103 Park av cor 41st....Murry Hill 2055

MARBLE DEALERS & WORKERS

ILLINOIS

CHICAGO

Marthens Chester N Marble Co, 53d and Wallace .....Drover 1166

NEW YORK

NEW YORK CITY

Borgia Bros Co, 69 Mills, Astoria L I.....Astoria 609
Cork & Zioha Marble Co, 813 Vernon av L I City.....Astoria 1930
Silvester V, 516 W 36th.....Greeley 5988

MARINE CASTINGS

ALABAMA

ANNISTON

Central Foundry Company The, 10th & Montrose .....Anniston 58
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BESSEMER

Central Foundry Company The, 730, 22ndBessemer 44
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HOLT

Central Foundry Company The.....Tuscaloosa 932
See our Adv., outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldgKearney 1954
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GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av .....Harrison 2181
See our Adv., outside Back Cover

INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2nd..Main 566
See our Adv., outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk....Wolfe 73
See our Adv., outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings .....Roxbury 1310
See our Adv., outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg .....Main 4633
See our Adv., outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Company The, Foot of Lockwood .....Market 6510
See our Adv., outside Back Cover

NEW YORK

MEDINA

Central Foundry Company The, Glenwood av ..... Medina 277-W
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NEW YORK CITY

Central Foundry Company The, 90 West..Rector 1860
See our Adv., outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Company The ..... Lansdale 56
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TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg ..... Main 4431
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MARINE ENGINES

MASSACHUSETTS

BOSTON

Bertelsen & Petersen Engineering Co, 240 Border ..... East Boston 113

MINNESOTA

ST PAUL

Auto Engine Works, University & Bell-Midway 559
Grigg st ..... Tri State 82-352

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works, Providence...Union 1857

WISCONSIN

MILWAUKEE

Wisconsin Motor Mfg Co, 44th av & Burnham, Sta A..... W. Allis 337

MARINE ENGINES AND FARM TRACTORS (MNFRS.)

MINNESOTA

STILLWATER

American Motor Mfg Co, 200 S 8d.....Stillwater 723

MARINE ENGINES, OIL

NEW YORK

NEW YORK CITY

e La Vergne Machine Co, foot of East 138th ..... Melrose 3200

MARINE ENGINES AND TRACTOR ENGINES

MICHIGAN

DETROIT

ermath Mfg Co, 45 E Fort..... Main 2052

MARINE EQUIPMENT

NEW YORK

NEW YORK CITY

lantic Sales Co, 29 Broadway..... Whitehall 979

MARINE HARDWARE

MAINE

PORTLAND

ughlin Thos Co The, 143 Fore Portland 252
..... Portland 253

NEW YORK

NEW YORK CITY

Laughlin Thos Co The, 154 Nassau..... Beekman 3080

MARINE HARDWARE & SHIP CHANDLERY

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells..Franklin 3344

MARINE & HOUSE PAINTS FOR EVERY PURPOSE

NEW YORK

NEW YORK CITY

King Paint Mfg Co, S 9-10th Bklyn....Wmsburg 3934

MARINE INSURANCE

CALIFORNIA

SAN FRANCISCO

Anglo-Oriental Shipping Co Inc, 16 California ..... Sutter 7156

ILLINOIS

CHICAGO

Anglo-Oriental Shipping Co Inc, 209 S Lasalle ..... Harrison 7449

LOUISIANA

NEW ORLEANS

Anglo-Oriental Shipping Co Inc, Whitney-Central bldg ..... Main 829

NEW YORK

NEW YORK CITY

Anglo-Oriental Shipping Co Inc, 115 Broadway ..... Rector 3769

WASHINGTON

SEATTLE

Anglo-Oriental Shipping Co Inc, Arctic bldg.Elliott 507

MARINE & LOCOMOTIVE CLOCKS

ILLINOIS

CHICAGO

Howard E Clock Co The, 31 N State....Central 6951

MASSACHUSETTS

BOSTON

Howard E Clock Co The, 373 Washington...Main 643

NEW YORK

NEW YORK CITY

Howard E Clock Co The, Maiden Lane and William ..... John 3148

OREGON

PORTLAND

Howard E Clock Co The, (Butterfield Bros Agents) Mohawk bldg..... Main 2846

WASHINGTON

SEATTLE

Howard E Clock Co The, (Jos Mayer & Bros Agents) Colman bldg..... Elliott 3856

MARINE MOTORS

MICHIGAN

DETROIT

Sherwood-Gilmore Motor Co, Empire bldg, 2499 W Jefferson av..... Cadillac 5121

MARINE REPAIRS

MASSACHUSETTS

BOSTON

Bertelsen & Petersen Engineering Co, 240 Border ..... East Boston 113

MARINE STEAM TURBINES

NEW JERSEY

HOBOKEN

Fletcher W & A Co, 1301 Hudson..... Hoboken 312

MARINE SUPPLIES

NEW YORK

NEW YORK CITY

Galbraith C C & Son, 90 West..... Rector 6246

MARKING & STENCIL INKS

NEW YORK

NEW YORK CITY

Botts Marking Ink Co The, 330 Pearl...Beekman 4639
See our Catalog Space, page 961

MARQUETERIE

NEW YORK

NEW YORK CITY

Willnus Marqueterie Mfg Co, 11 Aberdeen, Brklyn ..... East N. Y. 1606

MASONS

NEW YORK

NEW YORK CITY

Wilson James & Co (Masons, Plasterers & General Contractors, Terra Cotta and Fireproof Vaults. Estimates Given) 314 W 4th.Chelsea 4348
Branch 843 Sixth av ..... Bryant 9829

MASONS' MATERIALS & GENERAL CONTRACTORS' SUPPLIES

NEW JERSEY

PERTH AMBOY

Raritan Mercantile Co, 306-312 Front.Perth Amboy 375

MASSAGE—LICENSED MASSEUSE

NEW YORK

NEW YORK CITY

Moodigh Alfhild (Massage-Baths Electric Light Cabinets-Reducing Machines, Patients Treated by Doctors Prescriptions), 1026 Sixth av.Plaza 4536

MATCH COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt..... John 1625

MATCH MACHINERY MANUFACTURERS

WISCONSIN

OSHKOSH

Pine-Ihrig Machine Company, 36 Marion..Oshkosh 2378

MATCH MANUFACTURERS

NEW YORK

NEW YORK CITY

Standard Match Co Inc, 120 Liberty.....Rector 732

MATCH MANUFACTURERS AND DEALERS

MINNESOTA

DULUTH

Minnesota Match Mfg Co, Cor 55th and Raleigh ..... Bell-Calumet 610 Zenith-Cole 610

NEW YORK

NEW YORK CITY

Consaco Sales Co Inc, 150 Nassau.....Beekman 2177
Enlow Co Inc, 362 Bway.....Franklin 1414
Metropolitan Match Co Inc, (Swedish, Japanese, all sizes, Export Specialists), 109 Broad.Broad 4262

MATCH PLATES

INDIANA

INDIANAPOLIS

Federal Pattern Works, 431 Madison av....Main 815

MATCH AND TOOTH PICK MACHINERY

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 3756

MATCHES, IMPORTED SAFETY & IN BOOK FORM

NEW YORK

NEW YORK CITY

Consaco Sales Co Inc, 150 Nassau....Beekman 2177

MATS (COCOA)

NEW YORK

NEW YORK CITY

Gary Theo H Co, 67-69 Irving place..Stuyvesant 7761

MATS—FLEXIBLE, WOVEN WIRE

INDIANA

KOKOMO

Worth Wire Works, 1509 N Washington..Kokomo 1525

MATS & MATTING

NEW YORK

NEW YORK CITY

Darragh, Smail & Co Ltd, 177 Water.....John 333
Lewis Samuel, 73 Barclay.....Barclay 5406

MATS—STEEL, WOOD & WIRE

PENNSYLVANIA

BEAVER FALLS

Keystone Wire Matting Co.....Beaver Falls 91-R

MATTING—PYRAMID ALUMINUM

NEW YORK

ROCHESTER

Metallic Automobile Matting Co, 171 York ..... Bell-Genesee 2608 Rochester-Stone 3672

MATTRESS BATTING MANUFACTURERS

WISCONSIN

MILWAUKEE

Seeboth Albert G Co, 230 Mineral.....Hanover 532

MATTRESS MAKERS SUPPLIES, EXCELSIOR, WOOD WOOL

ILLINOIS

CHICAGO

Whitney H W, 305-315 S LaSalle.....Wabash 8210

MATTRESS WIRE

ILLINOIS

CHICAGO

Chicago Steel & Wire Company, 103d and Torrence av.....So. Chicago 2140

MATTRESSES, BOX SPRINGS STEEL COUCHES & DAVENPT'S

TENNESSEE

NASHVILLE

Anchor Spring & Bedding Co, cor Main & First .....Main 642

MATTRESSES, MANUFACTURERS

ILLINOIS

CHICAGO

Katz Bros Furniture Company, 5801 S Halsted .....Normal 5906
Superior Bedding Works, 1043 W Randolph.Monroe 5313

INDIANA

EVANSVILLE

Evansville Felt & Bedding Co, cor 5th av & Franklin .....Evansville 3592

NEW YORK

NEW YORK CITY

Radermacher John L, 301-307 E 22d...Gramercy 1811

OHIO

CINCINNATI

Wuest Adam, 514-518 E Pearl.....Canal 4141

MATTRESSES AND PILLOW MANUFACTURERS

INDIANA

INDIANAPOLIS

Acme Bedding Co, 1511 Bates ..... Bell-Prospect 3965 Automatic 51-448

MATTRESSES (BOX SPRING) AND PILLOW MANUFACTURERS

OHIO

AKRON

Akron Mattress Mfg Co The, 693 Railroad ..... Bell-Main 1721 Ohio State 2889

MATTRESSES—PILLOWS—BOX SPRINGS—MANUFACTURERS

INDIANA

INDIANAPOLIS

Hirschman J C Co The, 1201 E Maryland ..... Bell-Prospect 946 Automatic 25-146

MATTRESSES (PNEUMATIC) PILLOWS AND CUSHIONS

NEW YORK

NEW YORK CITY

Knauth Bros, 220, 4th av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

MATTRESSES & SPRINGS

ALABAMA

BIRMINGHAM

Perfection Mattress & Spring Co, 831 N 24th .....Main 7383

GEORGIA

ATLANTA

Southern Spring Bed Co, 2 Hill.....Main 1531

MATTRESSES—WOVEN WIRE AND LINK FABRIC

PENNSYLVANIA

YORK

Enterprise Spring Co, cor E Market & Maryland & Penna R R.....York 981

MAULS, POST

MISSOURI

ST LOUIS

Western Foundry & Sash Weight Co, Second and Miller..... Bell-Main 2654 Kinloch-Central 2221

MAUSOLEUM BUILDERS & DESIGNERS

NEW YORK

NEW YORK CITY

Davis Granite Co The, 425 Fifth av...Murray Hil 6363
Stone E H Co, Bway & Maiden Lane....Cortland 2609
Wegenaar J L Co Inc (Contractors, Builders special designs on request) 299 Broadway.Worth 4138

MAUSOLEUMS

NEW YORK

NEW YORK CITY

Tayntor Granite Co Inc, 29 W 34th.....Greeley 2278

MAUSOLEUMS MONUMENTS & MEMORIALS

NEW YORK

NEW YORK CITY

Lazzari & Barton Co, 348 E 238d.....Woodlawn 1128
See our Catalog Space, page 981

MEASURES AUTOMATIC LIQUID

IOWA

CEDAR RAPIDS

"Vac" Liquid Equipment Co (Vac System), 1127 C av W .....Cedar Rapids 2591

MEASURES & FUNNELS—U. S. STANDARD

ILLINOIS

CHICAGO

Krafts A C, 317 W Lake .....Main 2795

MEAT CHOPPERS, ELECTRIC

PENNSYLVANIA

PHILADELPHIA

Enterprise Mfg Co of Pa The, 3rd and Dauphin .....Bell-Kensington 5473 Keystone-Park 281

MEAT PACKERS

OHIO

CINCINNATI

Hoffmann John Son Co, 2162 Colerain av...West 3878

MEAT & PROVISION PACKERS

PENNSYLVANIA

PHILADELPHIA

Vogt F G & Sons Inc, 30th and Race .....Bell-Preston 4913 Keystone-West 475

MEAT SLICING MACHINES

INDIANA

LA PORTE

U S Slicing Machine Co..... LaPorte 438

MECHANICAL APPLIANCES (DENTAL SPECIALTIES)

MINNESOTA

ST PAUL

Emme Dental Specialty Co, 462 Jackson...Cedar 1946

MECHANICAL DRAWINGS

ILLINOIS

CHICAGO

Goethals Engineering Co, Monadnock blk.Wabash 6352

MECHANICAL ENGINEERS

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

HARTFORD

Fletcher-Thompson Incorporated, Connecticut Mutual bldg .....Bushnell 234

ILLINOIS

CHICAGO

Atkins Charles G, Monadnock blk.....Harrison 2135
King R D, Monadnock blk.....Wabash 4897

NEW JERSEY

NEWARK

Thompson-Fletcher Incorporated, 207 Market .....Market 4467

OHIO

CINCINNATI

Kelly Thos C, 2d Natl Bank bldg.....Canal 2351

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson Incorporated, Turk's Head bldg .....Union 1989

MECHANICAL ENGINEERS & MACHINISTS

OHIO

COLUMBUS

Okey Mfg Co, 191 E Naghten.....Ohio-State 7502

MECHANICAL ENGINEERS OF SPECIAL TOOLS & MACHY

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

MECHANICAL RUBBER GOODS

ILLINOIS

CHICAGO

Wood Guilford S, 20 W Jackson bl.....Harrison 2942

MECHANICAL STOP MOTIONS

NEW JERSEY

NEW BRUNSWICK

Crawford Mfg Co The, 10 Dennis...New Brunswick 603

MECHANICAL SUPPLIES

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

MECHANICAL TRAIN'G SCHLS., (MODEL & TOOL MAKING)

MICHIGAN

DETROIT

Liberty Mechanical Training School, 521 Lincoln av .....Walnut 2756-R

MECHANICS HAND TOOLS

CONNECTICUT

SOUTHINGTON

Peck Stow & Wilcox Co The, 217-313 Center .....Soutnington 274

MECHANICS TOOLS

MISSOURI

LOUISIANA

Buffum Tool Co, 4th and Tennessee..Louisiana 255
See our Catalog Space, page 1018

MEDALS & BADGES, ALL SOCIETIES, GOLD, SILVER, ETC.

ILLINOIS

CHICAGO

Winship Chas A & Co, Masonic Temple..Central 1380

MEDALS—GOLD, SILVER, ETC.

RHODE ISLAND

PROVIDENCE

Feeley William J, 511 Westminster.....Gaspee 1352

MEDICAL & CHEMICAL BOOKS & PERIODICALS

NEW YORK

NEW YORK CITY

Logan B & Son, 152 E 23d.....Gramercy 6166

MEDICAL PERIODICALS

NEBRASKA

OMAHA

Western Medical Review Co, 701 S 13th.Douglas 1290

MEDICAL PUBLISHERS

PENNSYLVANIA

PHILADELPHIA

Davis F A Co, 1914 Cherry.....Bell Locust 1024
.....Keystone Race 873

MELTING AND SMELTING FURNACES

ILLINOIS

BELLEVILLE

U S Smelting Furnace Co, 1300 Grand av.Belleville 162

MEMORANDUM BOOKS OF ALL KINDS

NEW YORK

NEW YORK CITY

Boorum & Pease Co, 84 Hudson av, Bklyn...Main 7986
See our Catalog Space, page 923

MEMORIAL WINDOWS

PENNSYLVANIA

PITTSBURGH

Pittsburgh Art Glass Co,Warden & McCartney sts W E .....Walnut 198

MEN'S ATHLETIC UNDERWEAR

NEW YORK

NEW YORK CITY

Ritewell Mfg Co Inc, 413 E 157th.....Harlem 5106

MEN'S COLLARS

NEW YORK

NEW YORK CITY

Goodman Collar Co Inc, 52-80 Broadway, Bklyn .....Wmsburg 3147

MEN'S NECKWEAR, TUBULAR WASH TIES

NEW YORK

NEW YORK CITY

Gates Thos B M, 315, 4th av cor 24th..Gramercy 4629

MENU PRINTING MACHINES

OHIO

CINCINNATI

Excel Mfg Co The, 316 Main.....Main 2118

MERCANTILE ADJUSTMENTS AND COLLECTIONS

MICHIGAN

DETROIT

Bonded Adjustment Co, Ford bldg .....Main 3820

MERCANTILE AGENCIES

ILLINOIS

CHICAGO

United Agency, 1018-24 S Wabash av....Wabash 1692

MICHIGAN

DETROIT

Bureau of Credits, Majestic bldg.....Main 5641

PENNSYLVANIA

PHILADELPHIA

Mutual Mercantile Agency, Lincoln bldg.Walnut 503

MERCERIZED AND PLAIN COTTON THREAD

NEW YORK

NEW YORK CITY

Sea Island Thread Co Inc, 28-30 E 4th...Spring 7825

MERCHANDISE BROKERS

NEW YORK

ALBANY

Hotaling G F Co Inc, Waldorf bldg.....Main 4196

RHODE ISLAND

PROVIDENCE

Miller Mfg Co, 668 Eddy.....Union 38

MERCHANDISING AUDITORS

ILLINOIS

CHICAGO

Rankin Wm H Company, 104 S Michigan av .....Randolph 6600

NEW YORK

NEW YORK CITY

Rankin Wm H Company, 25 E 26th.....Mad Sq 7597

MERCHANDISING COUNSELORS

ILLINOIS

CHICAGO

Woodwards Incorporated, 910 S Michigan av ..... Harrison 6768

NEW YORK

NEW YORK CITY

Woodwards Incorporated, 501 Fifth av.Murray Hill 8417

MESH BAGS

NEW YORK

NEW YORK CITY

Grabhorn Charles, 20 Maiden Lane.....Cortland 5685

METAL ALLOYS

ILLINOIS

CHICAGO

Barnhart Brothers & Spindler, Throop and Monroe .....Haymarket 5400

INDIANA

AUBURN

Sterling Sales Co .....Auburn 98
See our Catalog Space, page 977

METAL, ANTI-FRICTION BEARING

NEW YORK

NEW YORK CITY

Fahrig Metal Company, 34 Commerce.....Spring 750

METAL BABBITT

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-89 Commerce st.Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-6-8 Forest st E.Cadillac 2828
See our Adv., page 32, first page opposite Section 1

MISSOURI

ST LOUIS

Gilbert A & Sons Brass Foundry Co, 4019 Forest Park blvd .....Lindell 2535

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals),233BwayWoolworth bldgBarclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 979 Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

METAL BOXES

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

METAL BRUSHES FOR LOW VOLTAGE—MNFRS.

NEW YORK

NEW YORK CITY

Fleck Carbon Co, 71 West Broadway....Barclay 6796

METAL CAPS FOR BRASS, GLASS & TUMBLERS

NEW YORK

NEW YORK CITY

Phoenix Hermetic Co, 3720, 14th av, Bklyn.Sunset 5426

METAL CEILINGS

MASSACHUSETTS

BOSTON

Penn Metal Co, 201 Devonshire.....Fort Hill 4800

NEW YORK

NEW YORK CITY

Atlas Steel Ceiling Co (Metal Ceilings, Side Walls, & Wainscoting for Kitchens, Offices, Residences, Lofts, etc), 320 E 53d.....Plaza 5961
Bayonne Steel Ceiling Co, 306, 8th av....Chelsea 2459
See our Catalog Space, page 977
Dycker & Ritter, 450 W 28th.....Chelsea 4688
See our Catalog Space, page 977
Penn Metal Co, 559 W 36th.....Greeley 391

METAL CHANNEL & MOULDINGS

NEW YORK

NEW YORK CITY

Voight Albert Mfg Co, 40-42 South 8th, Bklyn .....Wmsbg 2227

METAL CLEANING EQUIPMENTS

MARYLAND

HAGERSTOWN

Pangborn Corporation, P O Box 853...Hagerstown 100

METAL CORNER BEAD

NEW YORK

NEW YORK CITY

Penn Metal Co, 559 W 36th.....Greeley 391

METAL COVERED MOULDINGS

ILLINOIS

CHICAGO

Brown L R Metal Covered Moulding Co, 422-426 Armour .....Monroe 2908
Chicago Metal Covering Co, 2833 W Lake.Garfield 4926

METAL DECORATING

ILLINOIS

CHICAGO

Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

METAL ETCHING

NEW YORK

NEW YORK CITY

Premier Metal Etching Co, 14th & Van Alst av L I C.....Hunters Pt 698
See our Catalog Space, page 983

METAL FRAMES

NEW YORK

NEW YORK CITY

Schimper William & Co, 88 Union Sq West .....Stuyvsnt 214

METAL FURNITURE

ILLINOIS

CHICAGO

Federal Steel Fixture Co, Security bldg..Franklin 4327

METAL GOODS MANUFACTURERS

NEW JERSEY

NEWARK

Riley B J Mfg Co The, 251 N J Railroad av ..... Market 7182

NEW YORK

NEW YORK CITY

Block Metal Stamping Co Inc (Tinned Coils, Brass Trimmings, Dies, Stamping), 88 Walker ..... Franklin 630
Reliance Metal Spinning & Stamping Co Inc, 160 John, Bklyn ..... Main 5553

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th.. Erie 1295-M

METAL GOODS MNFRS. ALSO CHANDELIER PARTS

NEW JERSEY

JERSEY CITY

Gothberg H & E Mfg Co, 139-141 Cator av ..... Bergen 5572

METAL HOSE

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Broadway... Rector 8024

METAL HOSE (MNFRS) FOR GASOLINE

NEW YORK

NEW YORK CITY

Metal Hose & Tubing Co, 253 Tillary, Bklyn. Main 9975

METAL HOSE FOR STEAM, OIL, AIR, GASOLINE, ETC.

NEW YORK

NEW YORK CITY

Atlantic Metal Hose Co Inc, 1777 Broadway ..... Colmbus 6500

METAL LATH

ILLINOIS

CHICAGO

Voss Frederick, 552 W Monroe ..... Main 5333

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009
Penn Metal Co, 201 Devonshire ..... Fort Hill 4800

NEW YORK

NEW YORK CITY

Expanded Metal Engineering Co, 101 Park av ..... Murray Hill 4097
Penn Metal Co, 559 W 36th ..... Greeley 391
Perfect Steel Lath Co The (Corner Beads Channels & Accessories), 1476 Broadway ..... Bryant 6909

METAL LATH—EXPANDED

ILLINOIS

CHICAGO

North Western Expanded Metal Co, Old Colony bldg ..... Harrison 1701

MASSACHUSETTS

CAMBRIDGE

North Western Expanded Metal Co, 280 Sydney ..... Cambridge 7206

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

METAL LOCKERS, CABINETS AND SHELVING

MICHIGAN

GRAND RAPIDS

Terrell's Equipment Co, Hall ..... Bell-South 2054 Citizens 9490

METAL MNFRS, SPINNING, STAMPING, POLISHING, PLATING

NEW JERSEY

JERSEY CITY

Hudson Metal Mfg Co Inc, 141 R R av cor Barrow ..... Montgomery 3788

METAL MONEL RODS AND CASTINGS

ILLINOIS

CHICAGO

Bayonne Casting Co The (Steel Sales Corporation) Jefferson and Adams.. Franklin 4280

NEW JERSEY

BAYONNE

Bayonne Casting Co The, Oak ..... Bayonne 1181

PENNSYLVANIA

PITTSBURGH

Bayonne Casting Co The (Williams and Company, Rep) 220-226 Penn av ..... Court 3177

METAL MOULDING MNFRS.

ILLINOIS

CHICAGO

Auto Moulding & Mfg Co, 1926-28 S Wabash ..... Calumet 2585

METAL MOULDINGS

ILLINOIS

CHICAGO

Chicago Metal Covering Co, 2833 W Lake. Garfield 4926

METAL MOULDINGS FOR AUTOS —LEAD FILLED

NEW YORK

NEW YORK CITY

Shearing & Davis Mfg Co, 407 E 70th ..... Rhinelander 4288
See our Catalog Space, page 917

METAL NOVELTIES

NEW YORK

NEW YORK CITY

Schimper William & Co, 33 Union sq West. Stuyvsnt 214

RHODE ISLAND

PROVIDENCE

Kescot Manufacturing Co, 86 Page ..... Union 6334

METAL NUMBERING MACHINES

CONNECTICUT

NEW BRITAIN

Traut & Hine Mfg Co The, 910 Stanley New Britain 9

METAL OFFICE & FACTORY EQUIPMENT

OHIO

CLEVELAND

Barshal Steel Equipment Co The, Leader News bldg ..... Main 1935

METAL PHOTO FRAMES

NEW YORK

NEW YORK CITY

Krischer Nathan A, 15-19 University pl... Spring 1843
See our Catalog Space, page 977

METAL POLISH MNFRS.

ILLINOIS

CHICAGO

Armiger Chemical Co (Rex Brand), 2155-57 W Austin av ..... Seeley 3190
Wadsworth-Howland Co (Jewel), 225 N Carpenter ..... Monroe 2524

METAL POLISHES

NEW YORK

NEW YORK CITY

Grady Mfg Co The ("Army & Navy" "Scouree"), 250-256 Ely av L I City.. Astoria 477

METAL PRESERVATIVES

NEW YORK

NEW YORK CITY

DuPont Chemical Works, Equitable bldg, 120 Bway ..... Rector 5727

METAL PRODUCTS

OHIO

CINCINNATI

Murdock James Co (Steel & Brass Stamps, Metal Name Plates, Metal Specialties, Box Printing Dies, Wire Forming, Stencils & Stencil Inks), 116 Opera pl ..... Canal 3498

METAL ROOFING

MASSACHUSETTS

BOSTON

Penn Metal Co, 201 Devonshire ..... Fort Hill 4800

METAL SASH

ILLINOIS

CHICAGO

National Metallic Sash Co (Mnfrs of Iron Windows Frames & Sash, Drawn Metal Sash & Ventilators), 355 Union Park Court ..... Monroe 4340

METAL SAW BLADES MFRS

ILLINOIS

CHICAGO

Swett Frank W & Son, 1716-18 W Adams...West 2508

METAL SHADES

NEW JERSEY

NEWARK

National Metal Stamping & Mfg Co, 494 Mulberry .....Waverly 780

METAL SHEETS

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

METAL SHELVING AND BINS

MASSACHUSETTS

BOSTON

Penn Metal Co, 201 Devonshire.....Fort Hill 4800

NEW YORK

NEW YORK CITY

Penn Metal Co, 559 W 36th.....Greeley 391

METAL SPECIALTIES

CONNECTICUT

DERBY

Kelly F Co The, Housatonic av nr Park....Derby 179

ILLINOIS

CHICAGO

Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Alcor Mfg Co, 430 S Green.....Monroe 2388
Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 940
American Automatic Device Co, 3262-3270 W Grand av.....Belmont 1308
Chicago Die & Specialty Co Inc, 1948 W Ohio .....West 3830
Chicago Machine & Washer Co, 2625 W 15th .....Lawndale 3156
Chicago Metal Mfg Co 313 S Clinton....Wabash 7105
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Heise Wm F Mfg Co, 355 Union Park ct..Monroe 4362
Industrial Products Co, 334 N Irving av.....West 3528
McMorran Edw E & Co, 126 N Union..Haymarket 66
Mechanical Machine & Tool Wks, 549 Fulton .....Franklin 1075
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 3560
Precision Metal Works, 1443 Carroll av..Monroe 4174
Quadriga Mfg Co The, 213-221 W Grand av .....Superior 560
S & W Mnfg Co, 312 N May.....Monroe 2401
Saal H G Co, 1808-1810 Montrose av.Ravenswood 730
See our Catalog Space, page 941
Schmidt Samuel, 158-160 N Desplaines.Haymarket 71
Siebenbrodt Otto Co, 24-30 S Clinton..Franklin 4079
Signalite Mnfg Co, 522 S Clinton.....Harrison 7763
Standard Die & Specialty Co, 169 N Jefferson .....Franklin 2502
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Thompson & Bremer, 850 S Canal.....Wabash 6764
Western Die & Stamping Works, 126 S Clinton .....Franklin 2924

ROCK ISLAND

Twin City Die & Tool Works, 4520-22 6th av .....Rook Isld 3243

MICHIGAN

DETROIT

Auto City Sheet Metal Co, 103 Stanley av.North 5100-R

NEW YORK

NEW YORK CITY

Shulman & Sons (Ash trays, smokers' stands, shaving outfits), 109-111 Ludlow....Orchard 5827

OHIO

CINCINNATI

Enterprise Brass & Plating Co The, 6th and Baymiller .....West 3818
Monarch Tool & Mfg Co, 120 Opera pl.....Canal 3698

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

METAL SPECIALTIES (CONTRACT)

ILLINOIS

CHICAGO

Stout Mfg Co, 542 W Harrison.....Wabash 7485

METAL SPECIALTIES AND METAL CEILINGS

ILLINOIS

CHICAGO

Friedley-Voshardt Co, 733 S Halsted..Haymarket 4081

METAL SPECIALTIES & SPECIAL MACHINERY

OHIO

CINCINNATI

Monarch Tool & Mfg Co The, 120 Opera pl..Canal 3698

METAL SPINNERS

ILLINOIS

CHICAGO

Ideal Spinning Co, 355 N Union Park ct..Monroe 2203
Lincoln Brass & Spinning Works, 3262-3270 W Grand av.....Belmont 1260
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 3560
Siebenbrodt Otto Co, 24-30 S Clinton..Franklin 4079

MICHIGAN

DETROIT

Auto City Metal Spinning & Mfg Co, 138-140 E Fort .....Cadillac 3087
Blake W M Mfg Co, 97 E Congress.....Cadillac 3622

NEW YORK

ELMIRA

National Aluminum Works, 557-669 E Clinton .....Elmira 2171

NEW YORK CITY

Bankoff Geo (Sheet Copper, Brass and Ingot Metals), 40 Exchange pl.....Broad 468
Reliance Metal Spinning & Stamping Co Inc, 160 John, Bklyn.....Main 5553
Universal Metal Spinning & Stamping Co The, 69-71 Wooster .....Canal 3840

OHIO

CINCINNATI

Hukon Mfg Co, 36-38 E Court.....Canal 5562

DAYTON

Pasteur-Chamberland Filter Co, 408 Ray.....East 23

METAL SPINNERS, SHEETS FOR METAL SPINNING

OHIO

MANSFIELD

Mansfield Sheet & Tin Plate Co The, Bell-Main 520
.....Mansfield 1845

METAL SPINNERS & SPECIALTIES

ILLINOIS

CHICAGO

Weber Bros Metal Works, 108 N Jefferson.Monroe 4786

METAL SPINNING, ALL BRANCHES & LAMP MOUNTING

NEW YORK

NEW YORK CITY

Wolfson D, 174 Centre.....Franklin 2457

METAL SPINNING & METAL NOVELTIES

NEW YORK

NEW YORK CITY

Cuba William, 312 E 75th st.....Rhinelander 3069

METAL SPINNING & STAMPING

ILLINOIS

CHICAGO

McMorran Edw E & Co, 126 N Union..Haymarket 66

METAL SPRINKLER TOPS

DELAWARE

WILMINGTON

Bond Manufacturing Corpn, 501 Monroe .....Bell-Wilmington 1157 Automatic 1627

METAL STAMPING

CONNECTICUT

BRIDGEPORT

Hollander Bros Co, cor George & Oak....Barnum 2515

ILLINOIS

CHICAGO

Blomfeldt & Rapp Co, 108-128 N Jefferson .....Monroe 3981
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 3560
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

MICHIGAN

DETROIT

Wolverine Stamping Co, 1565 Russell.....North 2737

LANSING

Dail Steel Products Co.....Lansing 1074
Lansing Stamping & Tool Co.....Lansing 1234

MISSOURI

KANSAS CITY

Neevel Mfg Co, 1409 Kansas av.....Home, East 1796

NEW JERSEY

CAMDEN

Penn Pressed Metal Co, Newton av and Line .....Camden 1183

NEW YORK

ELMIRA

National Aluminum Works, 557-669 E Clinton .....Elmira 2171

NEW YORK CITY

Columbia Metal Box Co, 224 E 144th...Melrose 6241
Helios Metal Works Inc (Metal Stamping, Drawing, Wire Forming etc) 437-453 Eleventh av .....Greeley 982

OHIO

CINCINNATI

Lawson F H Co The, Evans, Whateley and C H & D Ry ..... West 1953

CLEVELAND

Diamond Stamping Works Co The, 1944-46 E 55th ..... Rosedale 4830

PENNSYLVANIA

PHILADELPHIA

Clay Electric Co (Expert Punch & Die Makers) 3437 York rd ..... Tioga 4280

METAL STAMPING (LIGHT)

CONNECTICUT

BRIDGEPORT

Special Machinery Co, 183 John ..... Barnum 1017

MICHIGAN

DETROIT

McCord Mfg Co, Grand blvd & Orleans ..... North 3332

WISCONSIN

MILWAUKEE

Sterling Metal Parts Co, 1454 Eighth av .. Hanvr 2173

METAL STAMPING & DIE MAKERS

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951, Ohio State 2583

WISCONSIN

MILWAUKEE

Milwaukee Stamping Co, 800, 64th av West Allis ..... W. Allis 62

Sterling Metal Parts Co, 1454 Eighth av .. Hanvr 2173

METAL STAMPING, DRAWING, SPINNING

MICHIGAN

DETROIT

Michigan Metal Spinning Mfg Co, 528, 530 Woodbridge ..... Edgewood 2104

METAL STAMPING DRAWING AND SPINNING SHEETS

OHIO

MANSFIELD

Mansfield Sheet & Tin Plate Co The ..... Bell-Main 520, Mansfield 1845

METAL STAMPING TESTING MACHINES

NEW YORK

NEW YORK CITY

Holz Herman A, 1 Madison av ..... Gramercy 181

METAL STAMPINGS, (SMALL)

WEST VIRGINIA

DUNBAR

Dayton Tool & Mfg Co, Dunbar ..... Dunbar 1998

METAL STAMPINGS, BLANKINGS, ETC.

MICHIGAN

ANN ARBOR

Michigan Novelty Stamping Co, Ann Arbor ..... Ann Arbor 2423

METAL STAMPINGS, CONTRACT

MICHIGAN

LANSING

Gier Pressed Steel Co The ..... Lansing 2400

METAL STAMPINGS, DIES & HDW SPLTS ELEC SPOT & BUTT WLDG

IOWA

BURLINGTON

Northwestern Stamping Co, 805 Osborn, Burlington 693

METAL STAMPINGS FORMING AND DRAWING

ILLINOIS

CHICAGO

Saal H G Company, 1808-10 Montrose av ..... Ravenswood 730

See our Catalog Space, page 941

METAL STAMPINGS, TOOLS AND SPECIAL DIES

MICHIGAN

YPSILANTI

Crossman Stamping Co The, 308 River st ..... Ypsilanti 127-M

METAL STAMPS FOR ALL PURPOSES

MINNESOTA

ST PAUL

Northwestern Stamp Works, 110 E 3d ..... Bell Cedar 5896, Tri State 21546

METAL STATIONERY SPECIALTIES

CONNECTICUT

NEW BRITAIN

Traut & Hine Mfg Co The, 910 Stanley. New Britain 9

METAL TANKS

NEW JERSEY

JERSEY CITY

Koven L O & Bro, 154 Ogden av ..... Webster 4052

METAL TAPE FOR EMBOSSING PRESSES

NEW YORK

NEW YORK CITY

Roovers Bros, 100 Schermerhorn Bklyn ..... Main 3780

METAL TESTING INSTRUMENTS

NEW YORK

NEW YORK CITY

Holz Herman A, 1 Madison av ..... Gramercy 181

METAL TREATING AND TOOL HARDENING

CONNECTICUT

BRIDGEPORT

Connecticut Metal Treating Co Inc, 207 Knowlton ..... Noble 187

HARTFORD

Bennett Metal Treating Co, New Britain av Elmwood ..... Elizabeth 653

METAL TRIMMINGS FOR SUSPENDERS AND GARTERS

CONNECTICUT

NEW BRITAIN

Traut & Hine Mfg Co The, 910 Stanley. New Britain 9

METAL WEATHER STRIPS

ILLINOIS

CHICAGO

Allmetal Weatherstrip Co, 228 W Madison. Franklin 5170

Athey Co, 124 W 24th ..... Calumet 4550

NEW YORK

NEW YORK CITY

Athey Co, Marbridge bldg, 34th and Broadway ..... Greeley 2933

METAL WHEELS FOR AGRICULTURAL IMPLEMTS & TRACTORS

OHIO

SPRINGFIELD

French & Hecht, Wheel and Larch ..... Bell-Main 369, Ohio State 369

METAL WORK—ARCHITECTURAL AND ORNAMENTAL

MARYLAND

BALTIMORE

Vaile & Young, Calvert & Beaufort ..... St Paul 4713

HAGERSTOWN

Danzer Metal Works, Lee and South ... Hagerstown 1818

NEW YORK

NEW YORK CITY

Gerdes & Company Inc (Marquees, Grilles, Railings, Fences, Stairs, Ornamental Lamp Posts and Brackets, Elevator Cars and Enclosures) 28 Church ..... Cortlandt 7673

METAL WORKING MACHINERY

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc (New & Second Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders; Entire Plants Bought & Sold) 217 Centre ..... Canal 642

Terminal Machine Co, 406-8 Broome .... Cortlandt 3169

OHIO

HAMILTON

Long & Allstatter Co The, 4th and High .. Hamilton 126

METALLIC BURIAL CASKETS

OHIO

SPRINGFIELD

Springfield Metallic Casket Co The, Columbia, Centre and Fisher..Bell-Main 331 Ohio State 331

METALLIC DOORS FIREPROOF

MISSOURI

KANSAS CITY

Bolin Metallic Door Co, 1613 Crystal av....East 1970

METALLIC PACKING FOR AMMONIA

NEW JERSEY

ARLINGTON

American Huhn Metallic Packing Co, 580 Elm .....Arlington 811

METALLIC PACKING—HIGH PRESSURE

ILLINOIS

CHICAGO

Cassco Bar-Metallic Packing Co, 8 S Dearborn .....Central 3293

METALS

MARYLAND

BALTIMORE

Union Smelting & Refining Co Inc, se cor Howard and Ostend .....South 1230
See our Catalog Space, page 1008

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009
Richards & Co Inc, 200 Causeway.....Richmond 357

CHELSEA

Cutler Oscar & Co, 44 Arlington.....Chelsea 689
New England Smelting & Refining Co, 105-111 Fifth .....Chelsea 760

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008

NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles and Av L.....Market 828
See our Catalog Space, page 1008

NEW YORK

NEW YORK CITY

Bradford Co The, 200 Fifth av.....Gramercy 5828
Fleischer Smelting & Refining Works, 230 Eldridge .....Orchard 7206
Gowanus Smelting & Ref. Works (Dealers in all grades of Red & White Metal and Manufacturers of Spelter, Solder, Babbitt and Pig Lead), 149 Centre, Bklyn .....Hamilton 592
Henning V & Sons, 336 Belmont av Bklyn.East N Y 4400
Keystone Metal Co Inc, 589 Kent av Bklyn .....Wmsburg 5261
See our Catalog Space, page 978
Laidlaw Kelley & Co Inc, 14 Platt.....John 1566
Leygrand & Co, 120 Bway.....Rector 4794
See our Catalog Space, page 978
Superior Metal Co Inc, 32 Broadway.....Broad 2140
Union Smelting & Refinging Co Inc, 604-08 E 19th .....Gramercy 6699
See our Catalog Space, page 1008
Wenger Paul & Co, 100 Broadway.....Rector 5083

OHIO

CINCINNATI

West End Rag, Iron & Metal Co, 1212-14 Gest .....West 1193

METALS (COPPER, TIN, SPELTER, ETC.)

NEW YORK

NEW YORK CITY

Douglas Geo B 29 Broadway .....Whitehall 396
See our Catalog Space, page 963

METALS, ALL KINDS

NEW YORK

NEW YORK CITY

International Bureau of Supplies, 135 Broadway ..... Cortland 6997

ROCHESTER

Coates, Bennett & Reidenbach Inc, Hague st & N Y C R R.....Genesee 1869

METALS—BABBITT & TYPE METALS

ILLINOIS

CHICAGO

Murphy Metals Co, 114-116 W Vanburen.Harrison 964
Staplin & Smith, 420 Orleans.....Main 2244

METALS—BROKERS

ILLINOIS

CHICAGO

Murphy E L, 114-116 W Vanburen.....Harrison 964

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

METALS—BUYERS & SELLERS, BRASS INGOTS

OHIO

CINCINNATI

American Smelting & Refining Co The, 9th and Freeman .....West 698

METALS & IRON (NEW & OLD)

CONNECTICUT

BRIDGEPORT

Jacob Bros, 55 Kossuth.....Barnum 236

METALS & METAL PRODUCTS

NEW YORK

NEW YORK CITY

Bankoff Geo (Copper, Tin, Lead, Spelter, Antimony, Alloys), 40 Exchange pl....Broad 468

METALS, NEW

ILLINOIS

CHICAGO

Harris Benj & Co, 1359 W 21st.....Canal 1870

METALS, NEW AND OLD

MASSACHUSETTS

BOSTON

American Iron & Metal Co, 140-144 Oliver....Main 6813

NEW YORK

NEW YORK CITY

Central Smelting & Refining Co, 137th and Rider av .....Melrose 4185

METALS—NEW AND OLD—COPPER BEARING MATERIAL

ILLINOIS

CHICAGO

Safrican Company The, 4053-4113 S LaSalle ..... Drover 8310

NEW JERSEY

JERSEY CITY

Simon & Krivit, 16-18 Brooks.....Montgomery 3240

METALS—NEW AND OLD SMELTERS AND REFINERS

NEW JERSEY

JERSEY CITY

Leveson S, 13-15 Centre .....Montgomery 2684

METALS, NEW VIRGIN PIG

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce..Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Fort st E.....Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Bway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade .....Grant 5979
See our Adv., page 32, first page opposite Section 1

METALS PERFORATED

NEW JERSEY

JERSEY CITY

Mundt Chas & Sons, 55 Fairmount av.....Bergen 1299

METALS—PIG

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway.....Richmond 357

METALS, PIG LEAD, SPELTER, PIG TIN & ANTIMONY

MISSOURI

ST LOUIS

Hiertz Theo Metal Co, 8009 Alaska av ..... Bell-Riverside 134 Kinloch-Laclede 17

METALS, SCRAP

ILLINOIS

CHICAGO

Harris Benj & Co, 1359 W 21st.....Canal 1870
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380
Loewenthal Co The, 947 W 20th.....Canal 999
Woodlawn Metal Co, 888 W Jackson bl.Haymarket 5551

MASSACHUSETTS

BOSTON

American Iron & Metal Co, 140-144 Oliver.....Main 6813
Coleman & Rome, 42 Sudbury.....Haymarket 1029

MICHIGAN

DETROIT

Frank Bros Iron & Metal Co, E Grand bl & Orleans .....North 4529

NEW YORK

NEW YORK CITY

Brennan Bros, 459 W 18th.....Chelsea 3011
Century Metal Co (Buyers of New & Old Metal), 288 Front.....Beekman 2435
Greenberg Metal Co Inc (Wholesale Dealers, Metal and Scrap Rubber), 219 E 135thMelrose 877
Henning V & Sons, 336 Belmont av, Bklyn .....East N Y 4400
Keane James, 339-341, 10th av.....Chelsea 9310
See our Catalog Space, page 963
Linzer Ignatz (Metals, Scrap Iron, Junk, Rope & Rubber. Smelters & Refiners—Solder, Pig Iron. Prices quoted by the week.) 148 E 4th ..... Orchard 2410
Loewenthal Co The, 23 Heyward Bklyn.Wmsburg 3055
London N Inc, 263 Front.....Beekman 4270
McKeon Jas F & Son, 12 Front...Bowling Green 8761
Salzberg, H. E. & Co, 30 Church.....Cortland 684
Schiavone L & Co, 304 W 54th.....Columbus 2947
Venger Paul & Co, 100 Broadway.....Rector 5083
Woodlawn Metal Co, 200, 5th av.....Gramercy 2357

OHIO

CINCINNATI

Filb & Bauer, Union Trust bldg .....Main 872

PENNSYLVANIA

ERIE

Erie Iron & Steel Co, 15th and Raspberry ..... Bell-Erie 2600 Mutual 2827

METALS, SECOND HAND

ILLINOIS

CHICAGO

Savin J & Sons, 2598 Archer av.....Canal 4541

METALS—SHEET

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway.....Richmond 357

METALS—SHEET, ROD, TUBING, INGOT & SCRAP

ILLINOIS

CHICAGO

Metal Products Co, 100 S Jefferson..Haymarket 7166

METERS

MASSACHUSETTS

WORCESTER

Union Water Meter Co, 33 Hermon.....Park 2117

NEW YORK

BROOKLYN

Union Water Meter Co (E W Jacobs), 574-B Macon .....Bedford 5876

OHIO

TOLEDO

Union Water Meter Co (A S Otis) 240-B Erie ..... Home-Main 2841

PENNSYLVANIA

PHILADELPHIA

Simplex Valve & Meter Co (Venture, Pitot Tube, V notch, etc) 625 Wood..Market 3727

WISCONSIN

MILWAUKEE

Badger Meter Mfg Co, 261-5, 3d.....Grand 2581

METERS, CARBON DIOXIDE

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg.....Rector 9638

METERS, ELECTRICAL—REPAIRS AND TESTS

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

METERS—FLOW

ILLINOIS

CHICAGO

Republic Flow Meters Co, 565 Washington bl.Main 1904

NEW YORK

NEW YORK CITY

Republic Flow Meters Co, Long Acre bldg..Bryant 6660

METERS—GAS

MISSOURI

KANSAS CITY

Metric Metal Works, Commerce bldg.....Main 5176

PENNSYLVANIA

ERIE

Metric Metal Works, 10th st & Payne av....Erie 420

PITTSBURGH

Metric Metal Works, First Natl Bank bldg.Court 1252

METERS—GASOLINE

NEW YORK

BUFFALO

Buffalo Meter Co, 2903 Main.....Crescent 1012

METERS—HOT WATER

NEW YORK

BUFFALO

Buffalo Meter Co, 2903 Main.....Crescent 1012

METERS—OIL

NEW YORK

BUFFALO

Buffalo Meter Co, 2903 Main.....Crescent 1012

METERS—WATER

NEW YORK

BUFFALO

Buffalo Meter Co, 2903 Main.....Crescent 1012

MICA

ILLINOIS

CHICAGO

Fleig L L & Co, 216 W Austin av.....Franklin 2637

NEW YORK

NEW YORK CITY

Fillion S O Inc, 68 Murray.....Barclay 6191
See our Catalog Space, page 979
Keene Mica Products Co, 34 W 33d st...Mad Sq 1108
Republic Mica Co The, 68 Murray.....Barclay 6191

MICA (MFRS. MINERS & IMPORTERS)

PENNSYLVANIA

PHILADELPHIA

International Mica Co (Mica supplied for all purposes. Samples and quotations promptly forwarded upon request) 1228 Filbert...Walnut 2069

MICA FOR ALL PURPOSES

NEW JERSEY

JERSEY CITY

Meirowsky Brothers, 106-108 Bway.....Bergen 2408

MICA GRINDERS FOR COMMERCIAL USES

ILLINOIS

CHICAGO

U S Mica Mfg Co, 14 E Jackson bl.....Wabash 3659

MICA & GROUND MICA

NEW YORK

NEW YORK CITY

National Gum & Mica Co, 59th & 11th av.Columbus 9700

MICA INSULATION (CUT AND UNCUT)

INDIANA

VALPARAISO

Chicago Mica Co (Mica Bond, Moulding & Segment), 21 Campbell .....Valparaiso 11

MICA (UNCUT & CUT) TO ANY SIZE OR PATTERN

NEW YORK

NEW YORK CITY

Schoonmaker A O Company, 88 Park bl...Barclay 9798
See our Catalog Space, page 979

MICA TUBES & CORES

NEW YORK

NEW YORK CITY

Hill Insulating & Mfg Corp, 511-D W 42d. Bryant 5630

MICE AND RAT EXTERMINATORS

ILLINOIS

CHICAGO

McCloud W B & Co, 1012 N Wells....Superior 568

MILITARY AND NAVY EQUIPMENT

NEW YORK

NEW YORK CITY

National Novelty Co (Handkerchiefs, Needles, Combs, Notions, Rubberized Novelties), 36 East 23d .....Gramercy 1688

MILITARY AND NAVY GOODS

NEW YORK

NEW YORK CITY

Military Sales Corporation (Everything for the comfort of officers), 160, 5th av....Farragut 6358

MILITARY AND UNIFORM BUTTONS AND INSIGNIA

NEW JERSEY

NEWARK

American Button Co, 70 Morris av.....Mulberry 3039

MILK CONDENSING MACHINERY

MICHIGAN

DETROIT

Sommers & Sons Co Inc, 835 Superior.....Ridge 1876

WISCONSIN

MILWAUKEE

Sommers & Sons Co Inc, 3038 Galena.....West 1796

MILK CRATE MANUFACTURERS

OHIO

CINCINNATI

Waldberg Box Co, 1029-1041 Evans.....West 558

MILK DEALERS' MACHINERY & SUPPLIES

ILLINOIS

CHICAGO

Cresco Creamery Supply Co. 50 W Kinzie..Central 5496

MILK POWDER

ILLINOIS

CHICAGO

Natural Dry Milk Co, 608 S Dearborn..Harrison 4819

MILK VATS (MNFRS.)

ILLINOIS

CHICAGO

Johnson & Carlson, 848 Eastman.....Lincoln 782

MILKING MACHINES

MICHIGAN

SAGINAW

McClure Co The, Hess & Sheridan.....Saginaw 315

MINNESOTA

ST PAUL

Independent Silo Co, Milker Dept, Pillsbury & Territorial rd .....Midway 3033

WISCONSIN

MILWAUKEE

B V Milking Machine Co, 377, 4th.....Grand 2903

MILL ARCHITECTS

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

HARTFORD

Fletcher-Thompson Incorporated, 626 Connecticut st, Mutual bldg.....Bushnell 234

NEW JERSEY

NEWARK

Thompson-Fletcher Incorporated, 207 Market .....Market 4467

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson Incorporated, Turk's Head bldg .....Union 1989

MILL BRICK, (FIRE CLAY)

WEST VIRGINIA

WHEELING

Mack Manufacturing Co, German Bank bldg .....Wheeling 888

MILL BLDRS FLOUR FEED&CORN DESIGNERS & FURNISHERS

ILLINOIS

CHICAGO

Noth George J, 9 S Clinton.....Franklin 3949

MILL ENDS—ALL NEW FOR CLEANING, SCRUBBING, ETC.

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

MILL ENDS, CHEESE CLOTH, TOWELS, ETC.

MICHIGAN

DETROIT

American Mill Ends Co, 27 Woodward av...Main 2268

MILL & ENGINEERS SUPPLIES

ILLINOIS

CHICAGO

Verbeck Harry Co, 175 W Jackson bl....Harrison 217

INDIANA

INDIANAPOLIS

Taylor Belting Co, 247 S Meridian .....Bell-Main 412 Automatic 21-412

MILL AND FACTORY SUPPLIES

INDIANA

EVANSVILLE

Evansville Supply Co, 1st and 2d av and Ohio .....Evansville 1089

MILL GREASES

OHIO

BEDFORD

Franklin Oil & Gas Co The ..... Bell-Bedford 68 Ohio State-Union 288

MILL MACHINERY—FOR FLOUR AND FEED MILLING

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton.....Wabash 965

MILL, MINE AND ELECTRICAL SUPPLIES

ALABAMA

BIRMINGHAM

Moore-Handley Hardware Co Ave A.....Main 7741

MILL AND MINE EQUIPMENT

PENNSYLVANIA

CHARLEROI

Charleroi Iron Works, 810 McKean av...Charleroi 11

MILL AND MINE SUPPLIES

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
The, Messenger & Elder sts.....City 2164
See our Catalog Space, page 929

MILL AND OIL WELL SUPPLIES

TEXAS

BEAUMONT

Wilson E L Hardware Co, 339 New Beaumont 29
Pearl .....Old Beaumont 29

MILL AND PLUMBING SUPPLIES

NEW JERSEY

PATERSON

Van Winkle J A Co The, 168 Main....Paterson 3840

OHIO

PORTSMOUTH

Standard Supply Co The, 1021 Bell-Portsmouth 20
Gallea ..... Ohio State 2030

MILL SUPPLIES

INDIANA

INDIANAPOLIS

Hide Leather & Belting Co, 231 South Bell-Main 2094
Meridian ..... Automatic 27-365

MASSACHUSETTS

BOSTON

Armstrong G R Mfrs Supplies, 257 Franklin ..... Fort Hill 1182

MINNESOTA

MINNEAPOLIS

Power Equipment Co, 214-216 3rd av N ..... Bell Nicollet 6651 Tri State 37236

MISSOURI

JOPLIN

Joplin Supply Co, 4th and Wall ..... Home 2408

NEW JERSEY

PASSAIC

New Jersey Engineering & Supply Co, 577-581 Main av ..... Passaic 580

PATERSON

Myers Geo A & Co Inc, 61-63 Washington. Paterson 4770

NEW YORK

GLENS FALLS

Kalbfleisch Theo F, 140-144 Glen ..... Glens Falls 318

ROCHESTER

Forster John M Co, 110 Mill Main-3847-M

OHIO

DAYTON

Larkin M D Supply Co The, 116 N Main .... Main 4353

PENNSYLVANIA

PITTSBURGH

Colonial Supply Co, 412-414 First av ..... Court 1042

SOUTH CAROLINA

SPARTANBURG

Montgomery & Crawford, Main & Broad ..... Spartanburg 376

TENNESSEE

CHATTANOOGA

Mills & Lupton Supply Co, 1146 Market .... Main 115

JACKSON

Southern Engine & Boiler Works, N Royal. Jackson 1083

TEXAS

DALLAS

Briggs-Weaver Machinery Co, 307-313 N Market ..... Bell-Main 732 Automatic M 1148

MILL SUPPLIES—VALVES FITTINGS, PIPE BELTING, ETC.

GEORGIA

MACON

Bishofield's J S Sons Co, Boundry & Hammond sts ..... Macon 982

MILL—TRANSMISSION

CONNECTICUT

NEW HAVEN

Smith Raymond W Inc, 17 Portsea ..... Liberty 2706

NEW YORK

NEW YORK CITY

Smith Raymond W Inc, 120 Liberty ..... Rector 2408

MILL WORK GENERAL AND SPECIAL

TEXAS

WACO

Waco Sash & Door Co, 24th & Mary ..... Waco 885

MILL WORK (SPECIAL) OF ALL KINDS

ARKANSAS

LITTLE ROCK

Vbeles Chas & Co, Third & Scott ..... Main 83

MILLINERS' GLUE

ILLINOIS

CHICAGO

Franche O E & Co, 440 Orleans ..... Main 4251

MILLINERY ORNAMENTS

NEW YORK

NEW YORK CITY

Rothschild & Co, 30 W Houston ..... Spring 8736

MILLINERY ORNAMENTS (MNFRS).

NEW YORK

NEW YORK CITY

French Export Co, 489 Fifth av ..... Vanderbilt 4540

MILLINERY, WHOLESALE

MINNESOTA

ST PAUL

Rothschild J & Co, 213-219 E 4th ..... Bell-Cedar 1362 Tri State 23839

MILLING ATTACHMENTS VERTICAL (MANUFACTURERS)

NEW YORK

SYRACUSE

Porter-Cable Machine Company The, 1708 North Salina ..... James 1974

MILLING CUTTERS

ILLINOIS

CHICAGO

Barber-Colman Company 26 S Jefferson Haywarket 4209
National Tool Co The, (I P Jones Agt) 24 S Jefferson ..... Monroe 826
See our Catalog Space, page 979

ROCKFORD

Barber-Colman Company cor River and Loomis. Main 559
Ingersoll Milling Machine Co The, Douglas and Willoughby ..... Main 403

MICHIGAN

DETROIT

Barber-Colman Company, 790 Woodward av ..... Glendale 484
Gorham & Goddard Co, 39-45 Congress .. Cherry 196
Ingersoll Milling Machine Co, The, David Whitney bldg ..... Cherry 1606
Michigan Tool Co, 264-270 E Jefferson av. Cadillac 2655
Welsmore Mfg Co, 302 E Congress ..... Cherry 1992

OHIO

CLEVELAND

Cleveland Milling Machine Co, 18511 Euclid av ..... Bell-Nottingham 152 Ohio State-Wood 61
Cowles Tool Company, 2086 W 110th .. Edgewater 3468
National Tool Co The, W Madison and W 112th ..... Bell-Edgewater 2240 Ohio State-Highland 408
See our Catalog Space, page 979

DAYTON

Barber-Colman Company, Lindsey bldg ..... Main 6070

MILLING CUTTERS, REAMERS, END MILLS, TOOLS

CONNECTICUT

BRIDGEPORT

Bridgeport Cutter Work Inc, 50 Remer ... Barnum 5216

MILLING CUTTERS, RE-CUT

MICHIGAN

DETROIT

Peninsular Tool Salvage Co, 45 E Fort .... Cherry 4243

MILLING MACHINERY, MINING

MISSOURI

JOPLIN

Rogers Foundry & Mfg Co, 11th and Pearl .. Home 54

MILLING MACHINES

ILLINOIS

ROCKFORD

Ingersoll Milling Machine Co The, Douglas and Willoughby ..... Main 403
Rockford Milling Machine Co, Harrison av and 11th ..... Main 2315

MICHIGAN

DETROIT

Ingersoll Milling Machine Co The David Whitney bldg ..... Cherry 1606

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642

OHIO

CLEVELAND

Cleveland Milling Machine Co, 18511 Euclid av ..... Bell-Nottingham 152 Ohio State Wood 61

CONNEAUT

Burke Machine Tool Co The ..... Main 1726

WISCONSIN

MILWAUKEE

Kearney & Trecker Co, 60th and National avs ..... W. Allis 344
Kempsmith Mnfg Co, Sta A, Milwaukee .. W. Allis 300

MILLING MACHINES (VERTICAL AND HORIZONTAL) MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap & Die Corporation ..... Greenfield 900

MILLING MACHINES—SMALL TYPE—VERTICAL & HORIZONTAL

OHIO

CINCINNATI

Bickett Machine & Mfg Co The, 1110-1124 Richmond ..... West 4056

MILLING TOOLS, ADJUSTABLE HOLLOW

CALIFORNIA

SAN FRANCISCO

Geometric Tool Co The (Gen Machinery & Supply Co, Rep) 3951 Stevenson .... Sutter 6750

MILLING TOOLS, ADJUSTABLE HOLLOW—CONTINUED

CONNECTICUT

NEW HAVEN

Geometric Tool Co The, Blake & Valley..Liberty 840

ILLINOIS

CHICAGO

Geometric Tool Co The, 545 W Washington bl ..... Franklin 3835

MASSACHUSETTS

BOSTON

Geometric Tool Co The, (Hill Clark & Co Rep) 156 Oliver.....Main 4438

MICHIGAN

DETROIT

Geometric Tool Co The, (The Chas A Strelinger Co, Rep) 43-51 E Larned....Main 5605

NEW YORK

NEW YORK CITY

Geometric Tool Co The (Vandyck Churchill Co Rep) Singer bldg.....Bell-Walnut 2957 Cortland 714

PENNSYLVANIA

PHILADELPHIA

Geometric Tool Co The (Vandyck Churchill Co Rep), Widener bldg.Bell-Walnut 2957 Keystone Main 3540

MILLS, BONE, SHELL & CORN

PENNSYLVANIA

PHILADELPHIA

Enterprise Mfg Co of Pa The, 3d and Dauphin .....Bell-Kensington 5473 Keystone-Park 281

MILLS—FRENCH BUHR STONE

OHIO

CINCINNATI

Simpson Orville Co The, 1240 Knowlton...Park 1236

MILLWRIGHT CONTRACTORS

ILLINOIS

CHICAGO

Chicago Millwright & Pulley Co, 940 W Lake .....Haymarket 1161
McDonald J 37 & 39 S Clinton.....Main 5194

NEW YORK

NEW YORK CITY

Robbins Albert H (Estimates on complete Power Transmission Equipment) 394 Broome .....Spring 4180

MILLWRIGHTS AND CARPENTERS

NEW YORK

NEW YORK CITY

Griffin Henry C & Co Inc, 143-145 Varick..Spring 4257

MIMEOGRAPH MACHINES AND SUPPLIES

ILLINOIS

CHICAGO

Dick A B Co, 730-744 W Jackson bl.....Monroe 757

NEW YORK

NEW YORK CITY

Dick A B Co, 395 Broadway.....Franklin 2563

MIMEOGRAPH AND MULTIGRAPH LETTERS

NEW YORK

NEW YORK CITY

Brown B Co The, 229 West 28th.....Farragut 6340
See our Catalog Space, page 983

MIMEOGRAPHING

ILLINOIS

CHICAGO

Date & Bennett, Monadnock blk.....Wabash 8624
Low's Letter Service, 180 N Dearborn...Central 8456

MICHIGAN

ANN ARBOR

Morrill O D, 322 South State st.....Ann Arbor 1718

MIMEOGRAPHING AND DUPLICATING SUPPLIES

ILLINOIS

CHICAGO

Meuser & Meuser, 2432 Prairie av.....Calumet 4275

MIMEOGRAPHS

OREGON

PORTLAND

Finzer W E & Co, 293½ Stark.....Main 3347

MIMEOGRAPHS—REBUILT

ILLINOIS

CHICAGO

Price Inc, 440 S Dearborn st.....Harrison 5917

MINCE MEAT, MNFRS.

ILLINOIS

CHICAGO

Rice Ervin A & Co, 2230 S LaSalle.....Calumet 1415

MINE CAR WHEELS, PLAIN & ROLLER BEARINGS

PENNSYLVANIA

PENN STATION

Hockensmith Wheel & Mine Car Co.....Jeannette 113

MINE CARS, STEEL & WOOD

PENNSYLVANIA

PENN STATION

Hockensmith Wheel & Mine Car Co....Jeannette 113

MINE SAFETY APPLIANCES

PENNSYLVANIA

PITTSBURGH

Mine Safety Appliances Co, Chamber of Commerce bldg .....Grant 5872

MINE SUPPLIES

INDIANA

EVANSVILLE

Evansville Supply Co, 1st and 2d av and Ohio ..... Evansville 1089

MINERAL WATERS

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The, (E F McCombs) Citizens Natl Bank bldg.....
See our Adv. on Backbone, and Catalog space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The,...Hyland 12
See our Adv. on Backbone, and Catalog space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H street N W.....West 1628
See our Adv. on Backbone, and Catalog space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep) 36 S State st.....Central 8750
See our Adv. on Backbone, and Catalog space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The, Bell-Olive 904
(Walter Hemsley, Rep) 408N8d.Kinloch-Central 1627
See our Adv. on Backbone, and Catalog space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av .....Madison Sq 903
See our Adv. on Backbone, and Catalog space, page 980

MINERAL WOOL MANUFACTURERS

INDIANA

ALEXANDRIA

Banner Rock Products Co, Belmont & L E & WMain 56

MINERALS

NEW YORK

NEW YORK CITY

General Mineral Co Inc (Silica, Quartz, Flint, Garnet, Emery, Feldspar, Mica-Sand, Clays, Asbestos, Barytes, Talc, Silicate of Soda & All Chemicals), 90 West .....Rector 4195
Laidlaw, Kelley & Co, 14 Platt.....John 1566

MINERALS, TALC.

MASSACHUSETTS

BOSTON

Frothingham Chas R, 10 High .....Fort Hill 5214

MINERS COAL, TOOLS AND SUPPLIES

IOWA

OTTUMWA

American Mining Tool Co.....Ottumwa 7

MINERS HAND COAL DRILLS AND SUPPLIES

ILLINOIS

PEORIA

Peoria Coal Drill Works Inc, 3112-3114 S Adams .....Main 1744

MINERS HAND COAL DRILLS TOOLS AND SUPPLIES

ILLINOIS

PEORIA

Dooley Bros, 604 S Adams.....Main 674

MINERS LAMPS

OHIO

CINCINNATI

Harker Manufacturing Co (Brite-Lite) 410 E Pearl .....Canal 1355

MINERS LAMPS (EDISON ELECTRIC)

PENNSYLVANIA

PITTSBURGH

Mine Safety Appliances Co, Chamber of Commerce bldg .....Grant 5872

MINERS LAMPS (SPRINGFIELD CARBIDE LAMPS)

ILLINOIS

SPRINGFIELD

Shanklin Mfg Co (Guy's Dropper), So 11th & I T S Tracks .....Main 1740

MINING, EXPLORATION COMPANIES AND OPERATORS

ILLINOIS

CHICAGO

Hubbard J D 80 E Jackson bl .....Harrison 3007

MINING MACHINERY

MISSOURI

JOPLIN

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

MINING MACHINERY, COMPLETE PLANTS

NEW YORK

NEW YORK CITY

Kennedy Van Saun Mfg & Eng Corp, 120 Broadway ..... Rector 3855

MINING MACHINERY FOR RENT

MISSOURI

JOPLIN

Schneider Joseph Machinery Co, 401 School.Home 426

MINING MACHINERY FOR RENT & SALE

MISSOURI

WEBB CITY

Smith Machinery Co 303 N Allen.....Webb City 630

MINING SUPPLIES

MISSOURI

JOPLIN

Joplin Supply Co, 4th and Wall.....Home 2408

MIRROR MNFRS.

NEW JERSEY

HAWTHORNE

Schuster & Obert .....Paterson 3709-J
See our Catalog Space, page 981

NEW YORK

NEW YORK CITY

Corsiglia Frank J Co (Mnfrs of French Toilet Mirror Plates for Silversmiths, Celluloid and Ebony Toilet Ware Manufacturers. American Shock Mirrors), 237 Centre.....Spring 9728
Greenberg's H Sons 174 East 104th.....Harlem 5477
Von Buhren G, 9-11 Baxter.....Worth 2740

MIRROR MNFRS.—ALL KINDS

NEW YORK

NEW YORK CITY

Lockwood F D (Mirrors of every description, framed and unframed. Export trade our specialty) 24 Stone.....Broad 5309
Meisse Leopold, 27 Bleecker.....Spring 1710

MIRROR MNFRS. & IMPORTERS

NEW YORK

NEW YORK CITY

Belgium Mirror Works Inc, 17-21 McKibben Bklyn ..... Stagg 4356

MIRROR MFRS. AND RESILVERING

ILLINOIS

CHICAGO

Chicago Mirror & Art Glass Co The, 216 N Clinton .....Franklin 5840

MIRROR PLATE MNFRS.

NEW YORK

NEW YORK CITY

Lafayette Mirror Co Inc, 173-175 Grand..Canal 8733

MIRRORS, FRENCH PLATE, OLD MIRRORS RESILVERED

ILLINOIS

CHICAGO

King A, 2969 Wentworth av.....Yards 1132

MIRRORS AND MIRROR PLATEAU AND METAL NOVELTIES

NEW YORK

NEW YORK CITY

Silversmiths Mirror Co (John E Rohrbeck, Prop), Manufacturers of Quality Mirrors in Plate and Shock for Toilet-Ware, Celluloid Mnfrs., Silversmiths and Wood Workers), 161 W 29th .....Farragut 4513

MIRRORS—NOVELTY

NEW YORK

NEW YORK CITY

Rose Mirror Works Inc, 423 Kent av Bklyn .....Williamsburg 4635

MIRRORS (PLATE) PLAIN AND BEVELED

TEXAS

WACO

Waco Sash & Door Co, 24th and Mary.....Waco 885

MIRRORS RE-SILVERED & MADE TO ORDER

ILLINOIS

CHICAGO

Farrell & Co, 832 W Lake.....Monroe 2699

MIXED ACID—ANY FORMULA

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

MIXING KETTLES

MASSACHUSETTS

BOSTON

Badger E B & Sons Co 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

MIXING MACHINERY

ILLINOIS

CHICAGO

Kaestner & Hecht Co, 500 Throop....Haymarket 6840

MODELING CLAY

NEW YORK

NEW YORK CITY

Nyatco Corp, 401 Vernon av, Long Island City .....Astoria 700

MODELING MATERIALS

NEW JERSEY

JERSEY CITY

Chavant Mfg Co The, (Plasteline) Rutgers and McAdoo avs.....Bergen 3621

MODELS

ILLINOIS

CHICAGO

Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

NEW YORK

NEW YORK CITY

American Pattern, Foundry & Mach Co, 82-84 Church .....Cortland 5680
Morgan Brothers (Model Makers—Miniature Construction—Landscape, Architectural, Mechanical—Topographical Maps and Paintings for Schools, Colleges, Museums—Specialty Government Work), Grand Central Terminal .....Murry Hill 8882
Zuhr Hy, 200-204 William.....Beekman 3403

MODELS—EXPERIMENTAL ENGINEERS

MICHIGAN

DETROIT

Pratt & Henderson, 80 Bates.....Cherry 4476

MODELS AND EXPERIMENTAL WORK

ILLINOIS

CHICAGO

Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 940
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Moore & Company, 301 W Grand av....Superior 1819
Premier Tool Works, 3123 W Harrison.Van Buren 2288
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073

MICHIGAN

DETROIT

Wohnlick Louis J, 49 E Larned.....Cherry 1035-J

MISSOURI

KANSAS CITY

Wood George, Postal bldg .....Home Main 5894

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn.Main 7065
Vogel William (Inventions Developed, Absolute secrecy guaranteed, consultations) 68 Nassau .....John 2941

OHIO

CINCINNATI

Gerding Bros, Lion bldg 5th and Elm .... Main 2878

MODELS—HIGH GRADE EXPERIMENTAL WORK

ILLINOIS

CHICAGO

Lundquist Hans Machine Works, 233 W Schiller .....Superior 301

MODELS, MACH EXPERIMENTAL, DIES & PATTERN WORKS

IOWA

CEDAR RAPIDS

Rabus & Toeller, 119 S 1st W.....Cedar Rapids 649

MODELS MINIATURE BLDGS, REALTY CO'S & DISPLAY ADS

NEW JERSEY

JERSEY CITY

Barnes Mazie A, 37 Emory.....Bergen 1789

MODELS—PATENTS PERFECTED

OHIO

DAYTON

Industrial Tool, Die & Engineering Co The, 322 rear East Fifth.....Main 1664
See our Catalog Space, page 1017

MOLASSES

NEW YORK

NEW YORK CITY

American Molasses Co The, 111 Wall ...Hanover 4510

MOLASSES AND SYRUPS

LOUISIANA

NEW ORLEANS

Hearn & Jones, 1756 Tchoupitoulas.....Jackson 68
New Orleans Coffee Co Ltd, 1756 Tchoupitoulas.....Jackson 68

MOLDING (SEE MOULDING)

MOLDS (SEE MOULDS)

MONOGRAMS

OHIO

MANSFIELD

Motorists Accessories Co, 12½ South Park .....Mansfield 1581-J

MONUMENTAL AND BUILDING WORK

CONNECTICUT

MYSTIC

Barstow & MacKenzie, 83 Greenmanville av.Mystic 183-4

MONUMENTS

CALIFORNIA

SAN FRANCISCO

Raymond Granite Co Inc, 3 Potrero av....Market 688

ILLINOIS

CHICAGO

Daprato Statuary Co, 762-770 W Adams.Monroe 1775
Gall & Co, 1323 Irving Pk bl.....Lakeview 31
Harrison Granite Co, 410 S Michigan av.Harrison 3650
See our Adv., inside Back Cover

MICHIGAN

DETROIT

Franzosi R, 580 Rivard.....Cherry 6157-J
Harrison Granite Co, Kresge bldg.....Main 3113
See our Adv., inside Back Cover

NEW JERSEY

NEWARK

Meeker John L & Wm Passmore 196 Market .....Mulberry 3277

NEW YORK

BUFFALO

McDonnell & Sons, 858-860 Main.....Tupper 237

NEW YORK CITY

Harrison Granite Co, 200, 5th av.....Gramercy 4130
See our Adv., inside Back Cover
Lazzari & Barton Co, 343 E 233d.....Woodlawn 1128
See our Catalog Space, page 981
Tayntor Granite Co Inc, 29 W 34th.....Greeley 2272

SYRACUSE

Harrison Granite Co (Harry L Davis), 1206 E Adams .....Warren 3864
See our Adv., inside Back Cover

NORTH CAROLINA

CHARLOTTE

Charlotte Marble & Granite Works, 609 to 701 W 7th .....Charlotte 281

OHIO

CINCINNATI

Fisk Bros Co The, 4016 Spring Grove av..Park 917

PENNSYLVANIA

PHILADELPHIA

Harrison Granite Co (H Lawson), 4927 Osage .....Woodld 3094-J
See our Adv., inside Back Cover

MONUMENTS AND MAUSOLEUMS

ILLINOIS

CHICAGO

Harrison Granite Co, 410 S Michigan av.Harrison 3650
See our Adv., inside Back Cover
Nichols & Co, 1414-20 W Randolph.....Monroe 1110

MICHIGAN

DETROIT

Harrison Granite Co, Kresge bldg.....Main 3113
See our Adv., inside Back Cover

NEW YORK

BUFFALO

Lackawanna Monumental Works, Bell-Abbott 1189-J
1114 Ridge rd .....Howard 1497R

NEW YORK CITY

Davis Granite Co The, 425 Fifth av...Murray Hill 6363
Stone E H Co, Bway & Maiden Lane....Cortland 2609
Wegenaar J L Co Inc (Contractors, Builders, Special Designs on Request) 299 Bway...Worth 4138

POUGHKEEPSIE

Collins M W, 175-177 Main st..Poughkeepsie 979-W

SYRACUSE

Harrison Granite Co, (Harry L Davis) 1206 E Adams .....Warren 3864
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PENNSYLVANIA

PHILADELPHIA

Harrison Granite Co, (H Lawson) 4927 Osage .....Woodld 3094-J
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VERMONT

BARRE

Lackawanna Monumental Works, W 2d....Barre 109-M

MONUMENTS AND MAUSOLEUMS, DESIGNERS & BUILDERS

KENTUCKY

LOUISVILLE

New Muldoon Monument Co, 625-27 Bell-Main 574
South 3d .....Home-City 1986

MONUMENTS AND MEMORIALS

KENTUCKY

LOUISVILLE

Schreck & Wetter Monument Co, 933-935 E Broadway .....Home City 2209

MOP MANUFACTURERS

NEW YORK

NEW YORK CITY

Brush Mop Co Inc, 36 E 23d.....Gramercy 5361

MOP PAIL AND TOOL HANDLES

ILLINOIS

CHICAGO

Borgeson C E, 4555 Ravenswood av..Ravenswood 9814

MOP WRINGER MFRS.

NEW YORK

FULTONVILLE

White Mop Wringer Co .....Fultonville 141

MOPS, CLOTHESLINES, WICKS, WASTE WARPS

NEW YORK

NEW YORK CITY

Kelley Henry C Company, 35 Worth.....Franklin 2700

MORTGAGE BANKERS

ILLINOIS

CHICAGO

Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle ..... Randolph 560
Nordhem-Mersbach Co, 29 S Lasalle..... Central 8140

MORTGAGES

MASSACHUSETTS

BOSTON

Beacon Mortgage & Realty Co. 68 Devonshire ..... Fort Hill 480
Puritan Realty Co, 85 Court..... Main 164

MOSAICS

ILLINOIS

CHICAGO

Lorenzen Chas F & Co, Reaper blk ne cor Clark and Washington..... Randolph 1844

MOSQUITO CANOPIES AND NETS

ALABAMA

BIRMINGHAM

Acme Company, 312-314 N 24th..... Main 4499

MOSQUITO CHASER

MINNESOTA

DULUTH

Brilliant Search Light Mfg Co The, (Michigan Dope), 24, 4th av West.... Zenith-Grand 700

MOSS—SEA MOSS AND TOW

ILLINOIS

CHICAGO

Whitney H W, 305-315 S LaSalle..... Wabash 8210

MOTION PICTURE CAMERA ATTACHMENTS AND REPAIRS

CALIFORNIA

LOS ANGELES

Precision Motion Picture Works, K W Thalhammer, Prop, 550 S Figueroa.... Main 1574

MOTION PICTURE FILM AND SLIDE ADVERTISING

INDIANA

INDIANAPOLIS

Ideal Curtain Co The, 224 North Meridian ..... Bell-Main 934 Automatic 25-867

MOTION PICTURE MACHINE MNFRS.

NEW YORK

NEW YORK CITY

Power Nicholas Co (Leading Makers of Motion Picture Machines) 90 Gold.. Beekman 2673

MOTION PICTURE MACHINERY

NEW YORK

NEW YORK CITY

Meister Eberhard Mfg Co (Camera, Laboratory Supplies, Filming, Machinery Work), 219, 2d av ..... Stuyvesant 1695

MOTION PICTURE MACHINERY FOR FILM MFRS.

ILLINOIS

CHICAGO

Bell & Howell Company, 1801 to 1807 Larchmont av ..... Wellington 3410

MOTION PICTURE MACHINES AND SUPPLIES

ILLINOIS

CHICAGO

Exhibitors Supply Co Inc, 5 S Wabash... Central 8979

INDIANA

INDIANAPOLIS

Exhibitors Supply Co Inc, 157 N Illinois.... Main 5961

WISCONSIN

MILWAUKEE

Exhibitors Supply Co Inc, 133, 2d..... Grand 942

MOTION PICTURE MAILING LISTS

NEW YORK

NEW YORK CITY

Motion Picture Directory Co (Our theatre etc. Mailing list service will save you from 30 to 50 per cent in postage etc.) 80, 5th av... Chelsea 3227

MOTION PICTURES

NEW YORK

NEW YORK CITY

Leggett Gruen Corp (Advertising, Industrial, Educational and Commercial Films) 220 W 42d ..... Bryant 9167

MOTION PICTURES, ADVERTISING SLIDES AND FILMS

NEW YORK

NEW YORK CITY

Novelty Slide Co, 115 E 28d..... Gramercy 3672

MOTION PICTURES, INDUSTRIAL

NEW YORK

NEW YORK CITY

Leggett Gruen Corp (Exclusive Industrial Agents for Pathe) 220 W 42d..... Bryant 9167

OHIO

CINCINNATI

Cincinnati Motion Picture Co (Pathe and Universal Staff. Pathe Cameras, Portable Projectors) 220 W Liberty..... Canal 2415

MOTION PICTURES, INDUSTRIAL AND ADVERTISING

ILLINOIS

CHICAGO

Rothacker Film Mfg Co, 1839 Diversey Parkway ..... Diversey 2272
See our Catalog Space, page 982

MOTOR BOATS, LAUNCHES, ETC.

CONNECTICUT

ESSEX

Dauntless Shipyard Incorporated..... Saybrook 12-12

MOTOR BOATS—YACHTS & FLYING BOAT HULLS

NEW YORK

NORTH TONAWANDA

Niagara Motor Boat Co, 270 Sweeney. Tonawanda 841

MOTOR CULTIVATOR

ILLINOIS

EL PASO

S K & S Co, El Paso Ills..... El Paso 314
("Jim Dandy" Four Wheel Drive)

MOTOR CYCLE FRAMES & PARTS

OHIO

CLEVELAND

Standard Parts Co The, Hickox bldg.... Bell-Main 6933

MOTOR CYCLES

NEW YORK

NEW YORK CITY

Harley Davidson Sales Co, (Distributing Agents for Harley Davidson Motorcycles & Bicycles, Mfrs Agents & Jobbers, Accessories & Suppls), 535 W 110th near Bway..... Cathedral 3718

MOTOR CYCLES, EXCELSIOR DISTRIBTRS PARTS & SUPLS

OHIO

TOLEDO

Miller Motor Co, 4-6 S St Clair..... Main 4852

MOTOR & GENERATOR BRUSHES

NEW YORK

NEW YORK CITY

Corliss Carbon Co, 114 Liberty..... Rector 6772

MOTOR LUNCHEON CASES

ILLINOIS

CHICAGO

Knickerbocker Case Co, Fulton & Clinton... Main 4621
See our Catalog Space, page 1003

MOTOR RAILS

ILLINOIS

CHICAGO

Birkle Machine Works, 128 S Clinton... Franklin 4570

MOTOR REPAIRING AND ARMATURE WINDING

INDIANA

INDIANAPOLIS

Meier Electric & Machine Co, 136 South Meridian ..... Bell-Main 2363 Automatic 26-499

MOTOR TRUCK BODIES LUMBER ROLL OFF MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

MOTOR TRUCK BODIES MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

PENNSYLVANIA

CONNEAUTVILLE

Graves L C Co.....Conneautville 1481
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RHODE ISLAND

PROVIDENCE

Monahan Vehicle Co The, 32 Eagle.....Gaspee 1126

MOTOR TRUCK BODIES REMOVABLE MNFRS

ILLINOIS

CHICAGO

Auto Truck Steel Body Co, 3028-46 Carroll av .....Garfield 1518
Press' Jacob Sons, 300 N Halsted.....Monroe 797

MOTOR TRUCK BODIES, STEEL

ILLINOIS

CHICAGO

Auto Truck Steel Body Co, 3028-46 Carroll av .....Garfield 1518

MOTOR TRUCK CHAINS (TRACTION)

IOWA

BOONE

Standley Skid Chain Co.....Boone 823

MOTOR TRUCK DASHES

NEW YORK

BINGHAMTON

Hotckiss Lock Metal Form Co, 16 Jarvis ..... Binghamton 1430

MOTOR TRUCK, MNFRS.

CALIFORNIA

LOS ANGELES

Moreland Motor Truck Co, 1701 N Main ..... Manual-East 483 Home 60427

ILLINOIS

CHICAGO

Old Reliable Motor Truck Co, 58 E Wash.Randolph 1359

INDIANA

WABASH

Service Motor Truck Co.....Wabash 1204

PENNSYLVANIA

ARDMORE

Autocar Company, Lancaster av ..... Belmont 4890 Ardmore 426

MOTOR TRUCK MNFRS. 1, 2 AND 3½ TON CAPACITY

MICHIGAN

CADILLAC

Cadillac Auto Truck Co, Masonic blk ..... Bell-Cadillac 80 Citizens-Cadillac 405

MOTOR TRUCK MNFRS. 2 AND 3 TON CAPACITY

ILLINOIS

CHICAGO

Master Trucks Incorporated, 3136 S Wabash av.....Douglas 1027

MOTOR TRUCK PARTS

MICHIGAN

DETROIT

Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

MOTOR TRUCK TRAILERS

MICHIGAN

DETROIT

Pioneer Trailer Corporation The, 233-235, 16th ..... West 1298

MOTOR TRUCKS

CALIFORNIA

LOS ANGELES

Autocar Sales & Service Co of California The, 1801 S Main..... Manual-South 771 Home 27001

SAN DIEGO

Autocar Sales & Service Co of California The, 124 East C ..... Bell-Main 5182 Home 3528

SAN FRANCISCO

Autocar Sales & Service Co of California The, 136 Fremont .....Sutter 1730

CANADA

TORONTO, ONTARIO

Autocar Sales & Service Co The (Dominion Automobile Co) Bay & Temperance..Adelaide 2715

COLORADO

DENVER

Autocar Sales & Service Co The, (Harrison Motor Car Co), 1728 Glenarm.....Champa 2384

CONNECTICUT

BRIDGEPORT

Autocar Sales & Service Co The, (Erwin M Jennings Co), 277 Fairfield av.....Barnum 5080

HARTFORD

Autocar Sales & Service Co The (Frank C Robins Inc), 45 Ann .....Charter 304

NEW HAVEN

Autocar Sales & Service Co The (Erwin M Jennings Co), 347 Crown .....Liberty 4221

WATERBURY

Autocar Sales & Service Co (Erwin M Jennings Co), 180 W Main .....Waterbury 2509

CUBA

HAVANA

Autocar Sales & Service Co The (Frank G Robins Co), 69 Obispo .....Havana A-8712

DELAWARE

WILMINGTON

Autocar Sales & Service Co The, 306 E 4th .....Wilmington 2619

DISTRICT OF COLUMBIA

WASHINGTON

Autocar Sales & Service Co The, 13th and Penna av N W .....Main 9370

GEORGIA

ATHENS

Autocar Sales & Service Co The (John D Moss), Clayton ..... Athens 218

ILLINOIS

BLOOMINGTON

Autocar Sales & Service Co The (Motor Truck Sales Co), 304 S Robinson ...Bloomington 437-X

CHICAGO

Autocar Sales & Service Co of Ill The, 755 W Jackson bl.....Monroe 6930
Chicago Pneumatic Tool Co, Fisher bldg.Harison 687

DECATUR

Comet Automobile Co, 156 S Water Dept D .....Main 6160

DEKALB

De Kalb Wagon Co, 229 Garden.....Main 8

MOLINE

Velie Motors Corp, 25 Velie pl.....Moline 1161

PEORIA

Autocar Sales & Service Co The (Overland Co of Peoria), 1601 Main.....Main 180

INDIANA

INDIANAPOLIS

Autocar Sales & Service Co The (The Brown-Rowan-Buck Auto Sales Co), 313-315 North Pennsylvania av.....Main 308

KENTUCKY

LOUISVILLE

Autocar Sales & Service Co The (Frank G Weber Co), 300 E Main.....Home-City 1704

MAINE

PORTLAND

Autocar Sales & Service Co The (Franklin Motor Car Co), 24 Forest av.....Portland 1120

MARYLAND

BALTIMORE

Autocar Sales & Service Co The, 1309 Cathedral .....Mt Vernon 2975

WESTMINSTER

Autocar Sales & Service Co The (W H Davis Co), 6 John ..... Westminster 75-W

MASSACHUSETTS

BOSTON

Autocar Sales & Service Co The, 642 Beacon.....Back Bay 4880

SPRINGFIELD

Autocar Sales & Service Co The, (Stoddard Motor Car Company), 461 Worthington.River 992

MICHIGAN

ALMA

Republic Motor Truck Co Inc.....Alma 271

BAY CITY

Union Motor Truck Co, 2d & Water.....Bay City 2270

MINNESOTA

MINNEAPOLIS

Autocar Sales & Service Co The (E J Sweeny Commercial Truck Co), 1306-8, 20th av N ..... Highland 1930

MISSOURI

ST LOUIS

Autocar Sales & Service Co The (Steele Morgan Motor Car Co), 16 N Euclid av....Forest 738

NEBRASKA

OMAHA

Auto Sales & Service Co The (Clement Motors Co), 2512 Farnam .....Douglas 5218

NEW JERSEY

ATLANTIC CITY

Autocar Sales & Service Co The, 3426 Atlantic av.....Atlantic City 1946

NEWARK

Autocar Sales & Service Co The, 418 Washington .....Market 7900

TRENTON

Autocar Sales & Service Co The (Brock's Garage), Canal near State.....Trenton 5700

NEW YORK

BUFFALO

Autocar Sales & Service Co The (E T Parkes), 52 Gill pl .....North 901
Stewart Motor Corp of Buffalo, 425 E Delaware av .....Oxford 3700

NEW YORK CITY

Autocar Sales Company, 555 W 23d....Chelsea 5700
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murry Hill 8580

ROCHESTER

Autocar Sales & Service Co The (A S Snyder) 158 South av .....Main 6421

OHIO

AKRON

Autocar Sales & Service Co The (R H Noah Motor Co), 34 N Bway.....Bell-Akron 516 Ohio-State 1808

COLUMBUS

Autocar Sales & Service Co The (Capitol Motor Car Co), 32 S 4th. Bell-Main 7401 Ohio State 7088

DAYTON

Autocar Sales & Service Co The (Ohio Mitchell Sales Co), First and St Clair.....Main 7452

TOLEDO

Autocar Sales & Service Co The (Gamble Motor Car Co), 1211-15 Madison av Bell-Main 604 ..... Ohio State-Main 1901

PENNSYLVANIA

ALLENTOWN

Autocar Sales & Service Co The, 86 Union Allentown 1953

EAST STROUDSBURG

Auto Sales & Service Co The (A M Price) ....Bell-East Stroudsburg 27-R Local-East Stroudsburg 96-F

EASTON

Autocar Sales & Service Co The (Northampton County Buick Sales Co), 17th & Northampton ..... Easton 1578

ERIE

Autocar Sales & Service Co The (Chas F Loesel), 101 E 18th .....Mutual 4143

HARRISBURG

Autocar Sales & Service Co The (Eureka Wagon Works), 614-18 North....Harrisburg 29

HUNTINGDON

Autocar Sales & Service Co The (Chas A Vuille), 60 Mifflin .....Huntingdon 75

INDIANA

Autocar Sales & Service Co The (Indiana Motor Co), 8th .....Indiana 29-R

JOHNSTOWN

Autocar Sales & Service Co The (Johnstown Automobile Co), 101 Main.....Johnstown 324

MOUNT CARMEL

Autocar Sales & Service Co The (Black Diamond Auto Co), 122 N Oak .....Mt Carmel 47-J

PHILADELPHIA

Autocar Sales & Service Co The, 23d and Market .....Bell-Locust 256 Keystone-Race 3190

PITTSBURGH

Autocar Sales & Service Co The, 1830-36 Forbes .....Grant 5851

PORT ROYAL

Autocar Sales & Service Co The (Port Royal Auto Co).....Bell-Port Royal 1203 Orbisonia 9-R

READING

Autocar Sales & Service Co The (Merchants' Auto Service Co), 426 Court .....Reading 316-X

SCRANTON

Autocar Sales & Service Co The (Standard Motor Car Co), 822 Forest ct.....Scranton 92

WARREN

Autocar Sales & Service Co The (R K Russel), 2527 Penna av E.....Bell-Warren 955 Union 127

WILKES-BARRE

Autocar Sales & Service Co The (Henderson & Kolb), 50 W Market .....Bell-Wilkesbarre 208 New-Wilkesbarre 113

WILLIAMSPORT

Autocar Sales & Service Co The (Rothfuss Garage) 245 W 3d .....Williamsport 438

RHODE ISLAND

PROVIDENCE

Autocar Sales & Service Co The, Pearl & Rice ..... Union 1094

TEXAS

EL PASO

Autocar Sales & Service Co The (Pioneer Motor Co Inc), 420 Myrtle av.....El Paso 52

VIRGINIA

RICHMOND

Autocar Sales & Service Co The (Terminal Motor Co Inc), 9th and Cary.....Randolph 4261

MOTOR TRUCKS—FLEXIBLE SUSPENSION, ADJUST TO LOAD

MICHIGAN

DETROIT

Air-O-Flex Automobile Corporation, Penobscot bldg .....Cadillac 2027

MOTOR TRUCKS—FREIGHT & PASSENGER

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg....Main 1740

MOTOR VEHICLE CLUTCHES

ILLINOIS

MOLINE

Borg & Beck Company (The), 6th st and 3d av.....Moline 38

MOTORS

NEW JERSEY

NEWARK

Brown-Hunkele Corp'n 12 Mechanic .... Market 2811

MOTORS (AERONAUTIC AND COMMERCIAL)

CONNECTICUT

NEW HAVEN

Trego Motors Corp, Fox & Ferry.....Liberty 8101

MOTORS & DYNAMOS

NEW YORK

NEW YORK CITY

Klein Nathan & Co Inc, 208 Centre.....Canal 8750
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OHIO

CINCINNATI

Glow Electric Co The, 221-23 Walnut.....Main 1795
Huber Electric Co, 215 E 3d.....Main 2179

CLEVELAND

Cleveland Electric Motor Co The, 5518 Euclid av .....Rosedale 728

HAMILTON

Wente Electric Co, 221-3 N Fourth Bell-Hamilton 707-R .....Ohio State 1635-X

MOTORS & DYNAMOS—REPAIRS

OHIO

CINCINNATI

Glow Electric Co The, 221-223 Walnut....Main 1795

HAMILTON

Wente Electric Co, 221-3 N Fourth ..... Bell-Hamilton 707-R Ohio State 1635-X

WISCONSIN

MILWAUKEE

Holt Electric Co, 377-379 South Pierce..Hanover 519

MOTORS, ELECTRIC, DIRECT AND ALTERNATING CURRENT

ILLINOIS

CHICAGO

Diehl Mfg Co, Edison bldg .....Central 5532

MASSACHUSETTS

BOSTON

Diehl Mfg Co, 201 Devonshire ..... Main 5397

NEW JERSEY

ELIZABETH

Diehl Mfg Co, Elizabethport.....Elizabeth 3100

NEW YORK

NEW YORK CITY

Diehl Mfg Co, Singer bldg 149 Bway....Cortland 1802
Mecca Machinery Co, 85-87 Adams, B'klyn..Main 7065

OHIO

CLEVELAND

Domestic Electric Co The, 1125 Oregon av N E .....Prospect 3460

PENNSYLVANIA

PHILADELPHIA

Diehl Mfg Co, 1305 Race.....Spruce 1520

MOTORS—ELECTRIC, MANUFACTURER

OHIO

CLEVELAND

Reliance Electric & Engineering Co 1088 Ivanhoe rd .....Bell-Eddy 5740 Ohio State-Wood 185

MOTORS—ELECTRICAL INDUCTION

NEW YORK

NEW YORK CITY

Coates-Kendall Corporation, 50 Church..Cortland 6864
See our Adv., opp Title Page Catalog Section

MOTORS—ELECTRICAL MNFRS., COILS & BELL TRANSFORMERS

OHIO

TOLEDO

Arrow Mfg Co The, 618-622 Broadway .....Ohio State-Main 3600

MOTORS & GENERATORS MANUFACTURERS (ELECTRIC)

OHIO

WARREN

Peerless Electric Co The, 740 West Market. Warren 2377

MOTORS & GENERATORS NEW & USED

NEW YORK

BUFFALO

Dotterweich A J Co Inc, 285 Washington.Seneca 1077-J

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

MOTORS AND GENERATORS, REPAIRING

ILLINOIS

CHICAGO

Pearson John W Co, 839-41 W Lake.....Monroe 5838

WISCONSIN

MILWAUKEE

Sorgel Electric Co, 138 West Water.....Grand 290
Trester Service Electric Co, 47 Oneida .....Main 2466
Wiese Electrical Appliance Co, 3217 Lisbon av .....Kilbourn 965

MOTORS AND GENERATORS USED EQUIPMENT A C & D C

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg ..... Grant 1516
See our Catalog Space, page 976

MOULD CASTINGS

PENNSYLVANIA

PITTSBURGH

Tri-State Foundry & Machine Co, Bessemer bldg .....Court 3654

MOULD MFGRS. SOLDER, BABBITT, ETC.

MISSOURI

ST LOUIS

Schweizer Chas K Co, 214 Vine.....Main 4896

MOULDED INSULATIONS (ELECTRICAL) MFRS.

PENNSYLVANIA

NEW FREEDOM

American Insulator Co, New Freedom....Glen Rock 4R2

MOULDING MACHINES

ILLINOIS

MOLINE

Cooper H W Saddlery Hdw Mfg Co (Moline Hand Squeezers), 228 Second.....Moline 99

PENNSYLVANIA

YORK

Buch Foundry Equipment Co, 318 N George.York 368R
See our Catalog Space, page 981

MOULDING MACHINES AIR OPERATED & GENL CASTINGS

IOWA

DAVENPORT

Davenport Machine & Foundry Co (Dept M M), 1616 W 4th.....Davenport 3

MOULDING SAND

ILLINOIS

CHICAGO

Three Products Company, 328 W 37th.....Drover 2884
Vrooman H S, 343 S Dearborn.....Harrison 6506

MICHIGAN

DETROIT

Detroit Clay Products & Sand Co, 816 Kresge .....Cadillac 5381

PENNSYLVANIA

PITTSBURGH

Peerless Sand Co, Oliver bldg.....Grant 1774

MOULDINGS (MANUFACTURERS)

NEW YORK

NEW YORK CITY

New York Carved Moulding Co Inc, 139th and 3d av.....Melrose 2830
Youngs Mill Corp, (Picture Frames, Tent Poles, Table Tops), 735 E 9th.....Orchard 2230

MOULDINGS—EMBOSSED & PLAIN

ILLINOIS

CHICAGO

Boynton & Co, 1725 Dickson.....Monroe 5939
McKay, Angus Co, 726 S Desplaines.....Monroe 2937

MOULDINGS METAL COVERED

ILLINOIS

CHICAGO

Brown L R Metal Covered Moulding Co, 422-426 Armour .....Monroe 2908

MOULDINGS—PICTURE AND ROOM

MICHIGAN

DETROIT

Drinkaus Company The, 374-380 Illinois...Ridge 814

MOULDS AND CORES FOR AUTO TIRES

OHIO

AKRON

Williams Foundry & Machine Co The, Bell-Main 1279
62-66 Cherry .....Ohio State 1559

MOULDS FOR CASKET HARDWRE HOLLOW WARE & NOVELTIES

CONNECTICUT

MERIDEN

Fogg Arthur A Co, 45 Pratt.....Meriden 1087

MOULDS, WHITE METAL CASTINGS, NOVELTIES & SPECLTS

ILLINOIS

CHICAGO

Schley Metal Crafts Co, 126-128 S Clinton .....Franklin 1791

MOVERS, PACKERS & SHIPPERS

ILLINOIS

CHICAGO

Garfield Express & Storage Co The, 5908-16-18 S State.....Wentworth 1138

MOVERS, PACKERS, SHIPPERS & STORAGE

ILLINOIS

CHICAGO

Douglas Storage, Van & Express Co (Motor Van Service Within 200 Miles), 4043-45 W 12th .....Lawndale 351

TENNESSEE

NASHVILLE

Durham Transfer Storage Co, 523, 8th av So .....Main 2650

MOVING

ILLINOIS

CHICAGO

Lindsay Storage Co, 1156 E 63d.....Hyde Park 7176

NEW YORK

NEW YORK CITY

Riverdale Storage Warehouse, 152 W 127th .....Morningside 5484

MOVING PACKING SHIPPING & STORAGE OF HOUSEHLD GDS

CALIFORNIA

LOS ANGELES

California Fireproof Storage Co, Manual-West 4736
2808 W Pico .....Home 71412
See our Catalog Space, page 1011
Shattuck & Nimmo Warehouse Co, Manual-Main 381
Marsh-Strong bldg .....Home 4814
See our Catalog Space, page 1011

ILLINOIS

CHICAGO

Fort Dearborn Fireproof Storage Co, 4615 Clifton av .....Ravenswood 100
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S Dearborn ..... Harrison 3467
See our Catalog Space, page 1011

MARYLAND

BALTIMORE

Security Storage & Trust Co, 13-19 W North av .....Mt Vernon 230
See our Catalog Space, page 1011

MISSOURI

ST LOUIS

Orcutt Storage Co The, 4729 Easton av...Forest 2648
See our Catalog Space, page 1011

KANSAS CITY

A-B-C Fireproof Warehouse Company, 8th and Troost .....Main 123
See our Catalog Space, page 1011

NEBRASKA

OMAHA

Omaha Van & Storage Co, 808 S 16th....Douglas 4163
See our Catalog Space, page 1011

NEW YORK

NEW YORK CITY

Harlem Storage Warehouse Co Inc, 211-13 E 100th .....Lenox 850
See our Catalog Space, page 1011

UTICA

Utica Carting Co, 69-85 Genesee .....Utica 777
See our Catalog Space, page 1011

OHIO

CINCINNATI

Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av ..... Woodburn 652
See our Catalog Space, page 1011

SPRINGFIELD

Wagner Fire-proof Storage & Trust Co, Penna Ry and Lowry av .....Main 773
See our Catalog Space, page 1011

OKLAHOMA

OKLAHOMA CITY

O-K Transfer & Storage Co, First and Hudson .....P B X 83
See our Catalog Space, page 1011

PENNSYLVANIA

PHILADELPHIA

Atlas Storage Warehouse Market and Bell-Baring 752
37th ..... Keystone-West 752
See our Catalog Space, page 1011

TENNESSEE

CHATTANOOGA

Chattanooga Warehouse & Cold Storage Co, King St and W & A R R.....Main 2741
See our Catalog Space, page 1011

MOVING PICTURE ADVERTISING FILMS AND SLIDES

NEW YORK

NEW YORK CITY

Novelty Films, 115 E 23d.....Gramrcy 3671

MOVING PICTURE ADVERTISING SPECIALISTS

ILLINOIS

CHICAGO

Rothacker Film Mfg Co, 1339 Diversey Parkway .....Diversey 2272
See our Catalog Space, page 982

MOVING PICTURE DISTRIBUTORS TO FOREIGN MARKETS

NEW YORK

NEW YORK CITY

Allen L H (Producers' Representative, Buyers' Confidential Agent, Translations), 110 W 40th .....Bryant 4279

MOVING PICTURE EQUIPMENT FOR EXPORT

NEW YORK

NEW YORK CITY

Fernandez C F Sons & Co, 17 Battery Place.Rector 5678

MOVING PICTURE FILM RENOVATING

CALIFORNIA

SAN FRANCISCO

New Life Process Film Renovating Co (S C Rice), (Hewes bldg .....Douglas 751

MOVING PICTURE FIRE AND SMOKE SPECIALTIES

NEW YORK

NEW YORK CITY

Newman I C Co Inc (Effects for Night Photography, Battles, Fires), 320 Broadway..Worth 2049

MOVING PICTURE MACHINES

ILLINOIS

CHICAGO

Atlas Educational Film Co, 63 E Adams.Harrison 4773

MOVING PICTURE MACHINES, PORTABLE

ILLINOIS

CHICAGO

Optigraph Co, 564, W Randolph.....Main 3013

MOVING PICTURE PROJECTORS

NEW YORK

NEW YORK CITY

Precision Machine Co Inc The, (Manufacturers of the Simplex Projector), 317 E 34thMurray Hil 3470

MOVING PICTURE PROJECTORS PORTABLE CARRIED IN GRIPS

OHIO

CINCINNATI

Cincinnati Motion Picture Co (The Portoscope, built into carrying case, attachable to any lamp socket using standard size film and slides, $175.00), 216-218-220 West Liberty...Canal 2415

MOVING PICTURE THEATRE ADVERTISING

NEW YORK

NEW YORK CITY

Greater New York Slide Co Inc, 154 W 45th.Bryant 2825

MOVING PICTURE TITLES

NEW YORK

NEW YORK CITY

Stern Ernest Inc (Illustrated and Plain Titles, Program Announcements), 729, 7th av.Bryant 8973

MOVING PICTURES

NEW YORK

NEW YORK CITY

Motion Picture Directory Co, (Our theatre, etc Mailing list service will save you from 30 to 50 per cent in postage, etc) 80 Fifth av..Chelsea 3227
Schneider, Eberhard Camera Co, 219, 2d av .....Stuyvesant 1695

MOVING PICTURES, MNFRS.

ILLINOIS

CHICAGO

Rothacker Film Mfg Co, 1339 Diversey Parkway .....Diversey 2272
See our Catalog Space, page 982

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

MOVING VANS

NEW YORK

NEW YORK CITY

Dochterman Van & Express Co The (Established over 40 years, Storage, Moving), 457-71 E 10th .....Orchard 4630
Dyckman Van Co Inc, (We move a house at one time. Pack, ship, deliver to all parts of world Automobile—Rail), 4858 Bway...St Nicholas 2916
Froelich's Inc (Furniture boxed, packed and shipped to all parts of the world. Estimates cheerfully furnished), 224 Sherman av .....St Nicholas 2634
Inwood Auto Vans (Auto Vans for long distance moving. Also city or country. Packing, crating and shipping), 72 Elwood....St Nicholas 9056
Reed George (Moving, Packing & Shipping of Furniture, careful handling by expert packers, to all parts of the world), 563 West 171st .....Audubon 6652

MUCILAGE (DRY)

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway.Franklin 2411

MUDGUARDS AUTOMOBILE—NEW AND REPAIRED

PENNSYLVANIA

PITTSBURGH

Liberty Brazing Welding Co, 140-142 S Beatty .....Hiland 670

MUFF BED MNFRS. AND FURRIERS SUPPLIES

NEW YORK

NEW YORK CITY

Goldwasser J (Muff Beddings of Every Description a Specialty), 153-159 W 27th.....Farragut 9070

MUFFLES

NEW YORK

NEW YORK CITY

Brooklyn Fire Brick Works, 88 Van Dyke Bklyn .....Hamilton 14

MULTIGRAPH FORM LETTERS

OHIO

CINCINNATI

Circle R J Letter Co, 540 Main.....Canal 1154
See our Catalog Space, page 906
Queen City Letter Shop, 621 Main.....Canal 4862
Small Gordon E, 131 E 4th.....Main 2300

CLEVELAND

National Advertising Co The, Caxton bldg..Main 1321
See our Catalog Space, page 906

COLUMBUS

Thomas Mailing Co The, Chamber of Commerce bldg.....Bell-Main 7811 Ohio State 7816

TOLEDO

Eoff-Weis Co The, Ohio bldg....Ohio State-Main 350

TEXAS

FORT WORTH

Circle E Letter Service, Reynolds bldg .....L 521

MULTIGRAPH LETTERS

ILLINOIS

CHICAGO

Von Weller-Lyon Co The, 180 N Market. Franklin 324

NEW YORK

NEW YORK CITY

A A Multigraphing Co, 80, 5th av.....Chelsea 3227
Brown B Co The, 229 W 28th.....Farragut 6340
See our Catalog Space, page 983
Making Letters Pay System (Edw H Schulze Inc) 220 W 42d .....Bryant 2403
See our Catalog Space, page 909

MULTIGRAPH LETTERS—THAT ARE READ

ALABAMA

BIRMINGHAM

Sanford Mary S, Brown-Marx bldg.....Main 1339

MULTIGRAPH MACHINE ATTACHMENTS (PATENTED)

PENNSYLVANIA

PHILADELPHIA

O K Multigraphing Co (Underscore for Single Spaced Letters, Vertical Rules, Even Print, Magnitype, Glass), Lincoln bldg Illinois .....Bell-Filbert 4442 Keystone-Race 765

MULTIGRAPH RIBBONS—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine. New Brunswick 546

MULTIGRAPHERS, MIMEOGRAPHERS AND PRINTERS

OHIO

CLEVELAND

Standard Multigraphing Co, Sincere bldg .....Bell-Main 5792 Ohio State-Central 4358

MULTIGRAPHING

ILLINOIS

CHICAGO

Low's Letter Service, 180 N Dearborn...Central 8456

NEW JERSEY

EAST ORANGE

Doremus R H, 9 Washington.....Orange 1062

OHIO

CLEVELAND

Direct Advertising Co The, 737 Prospect av .....Central 4585-W

COLUMBUS

Bratton Circular-Letter & Pig Co The, 9 W Long .....Main 6812 Ohio State 17820
Columbus Letter Co The, 8 E Long.....Bell-Main 5575 Ohio State 6902

PENNSYLVANIA

PHILADELPHIA

Anweg J M Co The, Real Estate Trust bldg .....Bell-Filbert 3703 Keystone-Race 311
See our Catalog Space, page 906

MULTIGRAPHING LETTERS

PENNSYLVANIA

PHILADELPHIA

Rightquick Publicity & Addressing Bureau The, 1314 Arch.....Walnut 3826

MULTIGRAPHING MACHINES

PENNSYLVANIA

PHILADELPHIA

Baum Office Specialty Co, 33 S Broad...Walnut 3268

MULTIGRAPHING AND MAILING

OHIO

CLEVELAND

Ives L R Co, 1900 Euclid av.....Prospect 349

MULTIGRAPHS, MANUFACTURERS

OHIO

CLEVELAND

American Multigraph Sales Co The (Form typewriting & office printing machines), 3935 Kelley av...Bell-Rosedale 3183 Ohio State-Central 4583

MULTIGRAPHS—REBUILT

ILLINOIS

CHICAGO

Price Inc, 440 S Dearborn.....Harrison 5917

MUNITION WOOD PARTS, ETC.

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

MURIATIC ACID—COMMERCIAL AND CHEMICALLY PURE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

MUSIC ENGRAVERS

OHIO

CINCINNATI

Nulsen Otto A C, 315 E 5th, Nevada bldg..Main 2802

MUSIC ENGRAVING, LITHOGRAPHING AND PRINTING

NEW YORK

NEW YORK CITY

Lawson F J Company, 350-352 W 38th..Greeley 4779

MUSIC LIBRARIES (MUSIC TO RENT)

NEW YORK

NEW YORK CITY

Tams Arthur W Music Library Inc, 1600 Broadway .....Bryant 7590

MUSIC PRINTERS

ILLINOIS

CHICAGO

Rayner, Dalheim & Co, 2054-60 W Lake...Seeley 5004

MISSOURI

ST LOUIS

Stark Music Printing & Publishing Co, 3804 Laclede av .....Lindell 4679

NEW YORK

NEW YORK CITY

Eureka Music Printing Press The, 350-352 West 38th.....Greeley 4779

MUSIC PRINTERS & ENGRAVERS

OHIO

CINCINNATI

Zimmerman Otto & Son Co The, 5th and Sycamore .....Main 2869

MUSIC PUBLISHERS AND DEALERS

NEW YORK

NEW YORK CITY

Fischer J & Bro, 7-8-10 & 11 Bible House .....Stuyvesant 2772

MUSIC PUBLISHERS WHOLESALE AND RETAIL

INDIANA

INDIANAPOLIS

Seidel Music Publishing Co Inc, 230 E Ohio. Main 3962

MUSIC ROLL PERFORATERS & SUPPLIES FOR ROLLS

OHIO

HAMILTON

Leabarjan Mfg Co The, 521 Hanover...Hamilton 576-R

MUSIC ROLL TUBES

PENNSYLVANIA

PHILADELPHIA

Consolidated Paper Tube Co, 810 Sansom .....Bell-Filbert 4254 Keystone-Main 1691

MUSIC SCHOOLS

ILLINOIS

CHICAGO

Chicago Piano College Inc, 304 S Wabash av .....Wabash 4805

MUSIC STANDS

OHIO

HAMILTON

Krauth & Benninghofen (The Hamilton) .....Bell-Hamilton 272-R Home-Hamilton 272-A

MUSIC TEACHERS (VOICE)

ILLINOIS

CHICAGO

Webster Frank B, 304 S Wabash av....Wabash 8503

MUSICAL INSTRUMENTS

CALIFORNIA

SAN FRANCISCO

Guerrini Company (Largest Accordeon Mnfrs in United States), 279 Columbus av....Kearny 5820

ILLINOIS

CHICAGO

Ludwig & Ludwig, 1611-13 N Lincoln st. Humboldt 4569
Tonk Bros Co, Baldwin bldg, 323 S Wabash av .....Harrison 5191

NEW YORK

NEW YORK CITY

Browne & Buckwell (Harp Mnfrs Exclusively, Repairing & Strings), 132 W 50th.....Circle 1811
Gemünder August & Sons (Violins old, new for all players. We are Expert Makers, Players, Reconstructors, Bows, Strings, Cases. Payments arranged. Catalogues), 141 W 42dBryant 6668
Gretsch Fred Mfg Co, 60 Bway Bklyn.Williamsburg 2127

MUSICAL INSTRUMENTS, AUTOMATIC

ILLINOIS

CHICAGO

Mills Novelty Co, Jackson and Green.....Monroe 2017

MUSICAL INSTRUMENTS IMPORTERS

ILLINOIS

CHICAGO

nubush Hikida & Co, 164-166 W Washington .....Franklin 4210

MUSICAL INSTRUMENTS, PARTS, ETC.

ILLINOIS

CHICAGO

Vilson Bros Mfg Co, 218-222 N May....Monroe 1394

MUSICAL INSTRUMENTS, SPECIAL WOODWK IN QUANTITIES

ILLINOIS

CHICAGO

aPierre Henry M Co, 1314 W 21st....Canal 3137
See our Catalog Space, page 1026

MUSICAL AND VOCAL ENTERTAINERS FOR ALL OCCASIONS

NEW YORK

NEW YORK CITY

ifth Ave Entertainment Co, 1547 Broadway ..... Bryant 6654

MUSTARD OIL

NEW YORK

NEW YORK CITY

yer Oil Co Inc, 29 Broadway.....Whitehall 240

NAIL PULLERS, SAWSETS, BENCH STOPS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette .....Franklin 3947

NAILS

ILLINOIS

CHICAGO

Insterstate Iron & Steel Co, 38 S Dearborn.Central 3264

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis....Mt Vernon 980

PENNSYLVANIA

PITTSBURGH

Continental Steel & Supply Co, Fulton bldg .....Bell-Grant 3043 P & A-Main 661

NAILS, CEMENT COATED MNFRS.

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

NAILS, HORSESHOE, MANUFACTURERS

CONNECTICUT

SEYMOUR

Fowler Nail Co The, 137 Main.....Seymour 77

NAILS, MNFRS.—WIRE NAILS—ALL METALS

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

NAME BROKERS

ILLINOIS

CHICAGO

Twentieth Century Mailing Service, 155 W Kinzie .....Franklin 104

NAME PLATE MAKERS—ALUMINUM & BRASS—SIGNS

NEW YORK

NEW YORK CITY

Rutledge Geo Co, 309 E 22nd.....Gramercy 2846

NAME PLATE MNFRS.—ALL METALS ETCHED

ILLINOIS

CHICAGO

General Etching & Mfg Co, 312-14-16 S Hamilton av.....Seeley 164
See our Catalog Space, page 949

NAME PLATES

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce...Main 1461
Palm Brothers Company The, (Manufacturers Decalcomania Transfers of every description) 20 W Jackson bl.....Harrison 6878
Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

MICHIGAN

DETROIT

Detroit Name Plate Etching Co, 15 Atwater W .....Cadillac 2198

MINNESOTA

MINNEAPOLIS

Hayek Nameplate & Novelty Co, 1702 Washington av N .....Tri State 47353

NEW YORK

NEW YORK CITY

Moss, Henry & Co, 87-A Beaver.....Broad 5011
Palm Brothers Company The (Manufacturers Decalcomania Transfers of every description) 71-73 Murray .....Barclay 5969
Premier Metal Etching Co, 14th and Van Alst av L I C .....Hunters Pt 2064
See our Catalog Space, page 983

OHIO

CINCINNATI

Palm Brothers Company The (Manufacturers Decalcomania Transfers of every description) Spencer av nr Cleneay Norwood.....Ridge 1475

NAME PLATES, ALUMINUM & BRASS ETCHED

ILLINOIS

CHICAGO

Etching Co of Am, 2526 W Congress.....West 3079

NEW YORK

NEW YORK CITY

Miller & Miller, 17 West 42d.....Vanderbilt 1235

NAME PLATES, BRASS ETCHED OR STAMPED

PENNSYLVANIA

PITTSBURGH

Bunting Stamp Co, 713 Liberty.....Grant 6878

NAME PLATES, EMBOSSED, PLATED AND ENAMEL FINISH

CALIFORNIA

LOS ANGELES

Stanley Manufacturing Co The (J W Lecky, Agt), Van Nuys bldg .....Home-F 5309

ILLINOIS

CHICAGO

Stanley Manufacturing Co The, (Geo S Fulrath Agt) Palmer House.....Central 4710

MARYLAND

BALTIMORE

Stanley Manufacturing Co The, (Luther E Martin Co, Agt), Equitable bldg..St Paul 2617

MICHIGAN

DETROIT

Stanley Manufacturing Co The, (W J Brueckman, Agt), Ford bldg.....Cherry 5791

NAME PLATES, EMBOSSED, PLATED & ENAMEL FINISH—CONT'D

MISSOURI

ST LOUIS

Stanley Manufacturing Co The, (A O Rohman, Agt), Granite bldg.....Main 598

NEW YORK

NEW YORK CITY

Stanley Manufacturing Co The, (S Woodson Hundley Agt) New Victoria Hotel..Bryant 94

OHIO

DAYTON

Stanley Manufacturing Co The, 46 Cannon..Main 3094

PENNSYLVANIA

PHILADELPHIA

Stanley Manufacturing Co The, Parkway bldg .....Spruce 3268

NAME PLATES, ETCHED, STAMPED & EMBOSSED

CALIFORNIA

LOS ANGELES

Crowe Name Plate & Engraving Co (W L Thompson, Agt), 611 Loomis.....Home 556632

ILLINOIS

CHICAGO

Crowe Name Plate & Engraving Co, 1749 Grace .....Lakeview 3868

INDIANA

INDIANAPOLIS

Mayer Geo J Co, 36 S Meridian Bell-Main 1386
.....Automatic-23-286

MARYLAND

BALTIMORE

Crowe Name Plate & Engraving Co, (G R Pray & Co, Agts), American bldg...St Paul 3356

MASSACHUSETTS

BOSTON

Crowe Name Plate & Engraving Co (Winslow Goodwin, Agt), 19 Pearl.....Fort Hill 2949

MICHIGAN

DETROIT

Crowe Name Plate & Engraving Co (W W Barry, Agt), Dime Bank bldg.....Cherry 4867

MINNESOTA

MINNEAPOLIS

Crowe Name Plate & Engraving Co Bell-Nicollet 6704
(Irvine Sales Co, Agts), 1111 S 5th Automatic 34404

NEW YORK

NEW YORK CITY

Crowe Name Plate & Engraving Co (F N Ferry, Agt), 141 W 36th.....Greeley 4022

OHIO

CINCINNATI

Crowe Name Plate & Engraving Co (Howard D Fisher, Agt), 141 E 4th.....Main 171

CLEVELAND

Crowe Name Plate & Engraving Co (Theo S Hall, Agt), 5514 Whittier.....Rosedale 347-J

PENNSYLVANIA

PHILADELPHIA

Crowe Name Plate & Engraving Co (Charles Sandler, Agt), 1621 N Willington .....Poplar 466

NAME PLATES, GENUINE DECALCOMANIA TRANSFER

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce..Main 1461

NAPHTHALENE

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600
Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727

NAPHTHALENE PRODUCTS

NEW YORK

NEW YORK CITY

Taylor B E Co, 56 Pine.....John 5894

NATURAL GAS ENGINES & COMPRESSORS—USED EQUIPMENT

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg ..... Grant 1516
See our Catalog Space, page 976

NATURAL WATER

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The, Citizens Natl Bk bldg.....
(E F McCombs), Citizens Natl Bk bldg.....
See our Adv. on Back Bone and Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The.....Hyland 12
See our Adv. on Back Bone and Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The, (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Back Bone and Catalog Space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep), 36 S State.....Central 8750
See our Adv. on Back Bone and Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The Bell-Olive 904
(Walter Hemsley, Rep), 403 N 3d
..... Kinloch-Central 1627
See our Adv. on Back Bone and Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av.....Madison Sq 903
See our Adv. on Back Bone and Catalog Space, page 980

NAUTICAL INSTRUMENTS

PENNSYLVANIA

PHILADELPHIA

Hand John E & Sons Co, 208 Chestnut...Lombard 3773

NAVAL ARCHITECTS (CONSULTING)

NEW YORK

NEW YORK CITY

Johnson Eads, 115 Broadway.....Rector 8448

NAVAL STORES

LOUISIANA

NEW ORLEANS

Peabody D D (Sales Agent), Hibernia Bank bldg ..... Main 3490

NECKWEAR (WOMEN'S) EMBROIDERED & NOVLTS MNFRS

NEW YORK

NEW YORK CITY

Bassel Ch, 21 E 22nd.....Gramercy 3067

NECKWEAR MANUFACTURERS

OHIO

CLEVELAND

Simon & Jacoby, 1306 W 6th.....Bell-Main 4329-J
.....Ohio State-Central 8318-L

NECKWEAR MNFRS.—LADIES

NEW YORK

NEW YORK CITY

Stanton Bros, 894 Broadway.....Gramercy 2793

NECKWEAR MNFRS.—MEN'S

NEW YORK

NEW YORK CITY

Chester Weaving Co, (Manufacturers of Washable Tubular Ties) 124-128 W 24th .....Chelsea 6172
Leinkram Harry N, 8 E 23rd.....Gramercy 539
Meyer, Bacharach & Friedheim, 18-21 E 22d .....Gramercy 1632
Rappaport Saml H Inc, 24 E 22nd.....Gramercy 5072

NECKWEAR MFRS. TUBULAR FOUR IN HANDS & KNIT TIES

PENNSYLVANIA

PHILADELPHIA

Seidmann's D Sons, 232-34 N 2d.....Market 1189

NEEDLE IMPORTERS & MANUFACTURERS

NEW YORK

NEW YORK CITY

American Needle Works (Durbrow & Hearne Mfg Co), 12 Wooster.....Canal 8669
See our Catalog Space, page 1006
Lammertz Leo Agency (Durbrow & Hearne Mfg Co), 12 Wooster.....Canal 8669
See our Catalog Space, page 1006
Thornton John & Co, (Sole agents—James Smith & Son's Needles—"Cleopatra" Brand Sewing Machine Needles) 108 Worth .....Worth 3765

NETTING FOR FISHING PURPOSES

CONNECTICUT

EAST HADDAM

National Net & Twine Company..East Hampton 148-2
See our Catalog Space, page 988

NETTINGS, LOCOMOTIVE STACK, POULTRY

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 684 S Newstead av .....Lindell 637

NEWSPAPER CARRIER BAGS

GEORGIA

ATLANTA

Couch Brothers Mfg Co .....East Point 483

NEWSPAPER CLIPPING BUREAUS

NEW YORK

BUFFALO

Buffalo Press Clipping Bureau, 202 Main.Seneca 3300W

NEWSPAPER FILES, HOLDERS AND BINDERS

NEW YORK

NEW YORK CITY

Universal Binder The, 7 E 14th.....Stuyvesant 2639

NEWSPAPER PUBLISHERS

CONNECTICUT

NORWALK

Norwalk Hour The, Hour Square.....Norwalk 83

NEW YORK

MT VERNON

Daily Argus The (Stiles & Merriam) 11-13 S 3d av .....Mt Vernon 64

NEWSPAPER AND TECHNICAL BOOK PRINTERS

PENNSYLVANIA

LANCASTER

New Era Printing Co The (The New Era—daily and semi-weekly), 41 N Queen .....Bell-Lancaster 268-J Independent 134

NEWSPAPERS & MAGAZINES—WHOLESALE DISTRIBUTORS

OHIO

TOLEDO

Donnell J News Agency, 337 N Erie .....Bell-Main 1314 Ohio State 2544

NEWSPAPERS & PERIODICALS DAILY

NEW YORK

NEW YORK CITY

Telegram Codzienny, (Polish Daily. The Best Medium to Advertise In. It reaches Polish People All Over U S and Canada) 90 E 10th .....Stuyvesant 2004

NICKEL

NEW YORK

NEW YORK CITY

Langer Paul & Co, 100 Broadway.....Rector 5083

NICKEL ALLOY: BORONIC METALS

NEW YORK

NEW YORK CITY

Le Bas Edward & Co (American Boron Products Co Inc), 64-8 Broad.....Broad 5389
See our Catalog Space, pages 912 and 913

PENNSYLVANIA

READING

American Boron Products Co Inc, Carpenter & Cherry .....Reading 2425
See our Catalog Space, pages 912 and 913

NICKEL ANODES—ROLLED PURE AND CAST

CONNECTICUT

SEYMOUR

Seymour Manufacturing Co The (Ingots, Sheets, Wire Rods, Shells and Blanks), Cable Address "Seymourco," 87 Franklin .....Seymour 115

NICKEL PLATERS

ILLINOIS

CHICAGO

Bagley Alex T Co, 318 S Canal.....Harrison 1247
Mercil B & Sons Plating Co, 1911 Fulton.Seeley 105
Monarch Plating Works, 126 S Clinton.....Main 2791
See our Catalog Space, page 994
Stout Mfg Co, 542 W Harrison.....Wabash 7485

RHODE ISLAND

PAWTUCKET

Pawtucket Electro Plating Co, Old Slater Mill Slater av.....Pawtucket 666-R

PROVIDENCE

National Mfg & Electro Plating Co, 16 Calender .....Union 1053

NICKEL STEEL

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

NIGHT LIGHTS

NEW YORK

NEW YORK CITY

Columbia Wax Works, 749-751 E 137th...Melrose 2783

NIGHTROBES AND PAJAMAS "MEN'S"

NEW YORK

NEW YORK CITY

Simons Ernest Mfg Co, 25 Madison av....Mad Sq 8038

PORT CHESTER

Simons Ernest Mfg Co, Westchester av.Port Chester 690

NITRATE OF SODA

GEORGIA

ATLANTA

Treadwell A P & Co, Healey bldg.....Ivy 7580

NEW YORK

NEW YORK CITY

Alexander G S & Co Inc, 61 Broadway....Rector 6170

NITRE CAKE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

NITRE CAKE—LUMP & GROUND

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Special Products Division, Du Pont bldg .... Wilmington 1720

NITRIC ACID—COMMERCIAL AND CHEMICALLY PURE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

NITRIC ACID RETORTS

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

NITROCELLULOSE

NEW YORK

NEW YORK CITY

Du Pont Chemical Works Equitable bldg 120 Bway .....Rector 5727

NON-INTOXICATING BEVERAGES

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E F M Combs), Citizens Natl Bank bldg.....
See our Adv. on Backbone and Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The....Hyland 12
See our Adv. on Backbone and Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H st N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B C Earl, Rep), 36 S State.....Central 8750
See our Adv. on Backbone and Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The Bell-Olive 904
(Walter Hemsley, Rep), 403 N 3d ..... Kinloch-Central 1627
See our Adv. on Backbone and Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av .....Madison Sq 903
See our Adv. on Backbone and Catalog Space, page 980

NORWAY AND SWEDISH IRON

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

NOTARIES

OHIO

CINCINNATI

Gwinner E, Bell blk.....Canal 774

NOTARY & CORPORATION SEALS

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

NOTARY PUBLIC, DEPOSITIONS INSURANCE

CALIFORNIA

SAN FRANCISCO

Healey W W, Crocker bldg, 612 Market..Kearney 391

NOTIONS AND SMALLWARES, WHOLESALE

NEW YORK

NEW YORK CITY

Shulman & Sons, 109-111 Ludlow.....Orchard 5827

NOTIONS, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison.....Main 3482

NOVELTIES

NEW YORK

HERKIMER

Bens S J Mfg Corp The (Beneficial Toy Balloon, Other Novelties, Catalogue) Prospect st .....Herkimer 131-W

NEW YORK CITY

Beegee Company (Erasers, Clutch Pencils & Specialties) 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

NOVELTIES—BABY AND LADIES' BOUDOIR

NEW YORK

NEW YORK CITY

American Art Novelties (American Art), 45 East 20th.....Gramercy 5594

NOVELTIES, INFANTS' (RIBBON & IVORY) MNFRS.

NEW YORK

NEW YORK CITY

"Ipex" 40-42 East 19th.....Gramercy 4663

NOVELTIES—LADIES' BAGS, LEATHER AND METAL GOODS

NEW YORK

NEW YORK CITY

Mayer L S Son Inc, 200, 5th.....Gramercy 787

NOVELTIES—LEATHER GOODS, MANICURE & TRAVELING SETS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston.....Spring 2367

NOVELTIES—METAL

WISCONSIN

MILWAUKEE

Sterling Metal Parts Co, 1454 Eighth av.Hanover 2173

NOVELTIES—SPECIAL WOOD-WORK

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

NOVELTIES, WHOLESALE

ILLINOIS

CHICAGO

Hahn Ed, 222 W Madison.....Franklin 3713
Shure N Co, 237-241 W Madison.....Main 3482

NOVELTIES—WIRE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

NOVELTIES—WOOD

CALIFORNIA

SAN FRANCISCO

Barlow Bros, 272, 11th .....Market 3007

NUMBERING MACHINES

ILLINOIS

CHICAGO

Arnold's Numbering Machine Works, 166 W Madison .....Franklin 149
Koch G & Co, 71 W Randolph.....Central 3655
Time & Energy Co The, 9 S Clinton st.....Main-1142

NEW YORK

NEW YORK CITY

Bishop Thomas H (Over a Quarter Century at it) 126 William .....Beekman 672
Everson & Reed Co, 88 Chambers.....Barclay 8098
Hoole Machine & Engraving Works Inc, 29-33 Prospect, Bklyn.....Main 2426
Wetter Numbering Machine Co (We make and repair numbering machines for Printers and Stamping on Metal) 255 Classon av, Bklyn .....Prospect 1782

NUMBERING MACHINES & TIME STAMPS

NEW JERSEY

NEWARK

Universal Stamp Wks (J H Van Court, Prop), 252 Market .....Mulberry 2441

NUMBERING & PERFORATING MACHINES

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

NURSERIES

CONNECTICUT

CROMWELL

Cromwell Gardens (A N Pierson Inc)..Middletown 224

ILLINOIS

ARLINGTON HEIGHTS

Klehm's Nurseries .....Arlington Heights 22

CHICAGO

Nelson Swain & Sons Co, Marquette bldg..Central 2770
Peterson Nursery, 30 N Lasalle.....Main 3613
Wittbold Otto Nursery The, 6319 Louise av .....Monticello 959

KENTUCKY

LOUISVILLE

Kentucky Nursery Co, R F D Buechel Route .....Home-Highland 24-J

MICHIGAN

MONROE

Greening Nursery Co The, 206 S Monroe..Monroe 850
Monroe Nursery The (I E Ilgenfritz Sons Co), 708 E Front.....Monroe 14-J

NEW JERSEY

RUTHERFORD

Bobbink & Atkins.....Rutherford 700
Roehrs Julius Co .....Rutherford 90

OHIO

CINCINNATI

Barnes Nurseries, 1627 North Bend rd.....Park 391-X

PENNSYLVANIA

PHILADELPHIA

Andorra Nurseries (Wm Warner Harper, Prop), City Line and Wissahickon dr Chestnut Hill .....Chestnut Hill 940

NURSERYMEN AND LANDSCAPE GARDENERS

PENNSYLVANIA

LANCASTER

Barr B F & Co, 116 North Queen Bell Lancaster 1956 .....Ind 483

NURSES

ILLINOIS

CHICAGO

American Training School for Nurses, 1555 N LaSalle .....Lincoln 2493
Aznoe Central Registry for Nurses, 30 N Michigan av .....Randolph 5682
Chicago Tuberculosis Institute, 8 S Dearborn .....Central 8316
Illinois Post Graduate & Training School for Nurses, 546 Garfield av.....Lincoln 2195
See our Catalog Space, page 988

NURSES' AND INVALIDS' SUPPLIES

NEW YORK

NEW YORK CITY

Knauth Bros, 220, 4th av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

NUTS

ILLINOIS

CHICAGO

Ross Nut Co, 1732 N Kolmar av.....Albany 4010

NEW YORK

NEW YORK CITY

Empire City Screw Products Co, 12 West 62d .....Columbus 1952

PORT CHESTER

Russell, Burdsall & Ward Bolt & Nut Co .....Port Chester 201

NUTS—BAR MILLED AND COLD PUNCHED

MICHIGAN

DETROIT

Standard Screw Products Co, Bellevue and Warren avs .....Ridge 6220

NUTS—HOT & COLD PRESSED & SEMI FINISHED

ILLINOIS

ROCKFORD

Rockford Bolt Company The, 200 Mill.....Main 147

NUTS—IMPORTERS

NEW YORK

NEW YORK CITY

Pastene P & Co Inc, 152-54 Franklin...Franklin 1261

NUTS, LOCK

ILLINOIS

CHICAGO

Patterson Lock Nut Mfg Co, 14 E Jackson bl .....Harrison 8589

NUTS, MACHINE SCREW

ILLINOIS

CHICAGO

Chicago Nut Company, 2513-39 W 20th.Lawndale 3314
Pheoll Manufacturing Co, 5702 W 12th.Columbus 300

NUTS, SEMI-FINISHED

ILLINOIS

CHICAGO

Chicago Nut Company, 2513-39 W 20th.Lawndale 3314

NUTS SHELLED AND UNSHELLED TO JOBBING TRADE ONLY

ILLINOIS

CHICAGO

Leslie John H & Co, 130 N Wells.....Franklin 4800

NUTS, WING

ILLINOIS

CHICAGO

Chicago Nut Company, 2513-39 W 20th.Lawndale 3314

OAKUM & TARRED ROPE

NEW YORK

NEW YORK CITY

New York Cordage Co The, 128 Front.....John 2215

OBSOLETE AND SURPLUS AUTOMOBILE STOCK PURCHASES

NEW YORK

NEW YORK CITY

Klotz-Baumann Co Inc, 1876 Broadway.Columbus 1952

OBSOLETE TELEPHONE EQUIP. —PLATINUM SCRAP BOUGHT

OHIO

COLUMBUS

Mutual Smelting & Refining Co The, 48-50 S Front .....Bell-Main 7039 Ohio State 5043

OCHRE

NEW YORK

NEW YORK CITY

Heller & Merz Co The, 505 Hudson.....Spring 9105

OFFICE AND ADVERTISING PENCILS

NEW JERSEY

JERSEY CITY

Pencil Exchange, 67-73 Fleet.....Montgomery 3473

OFFICE APPLIANCES, EQUIPMENT & SYSTEMS

CALIFORNIA

LOS ANGELES

Business Equipment Sales Co Inc, 736 S Spring .....Manual-Pico 2461 Home 60302

OFFICE DEVICES—ADDING AND BILLING MACHINES

ILLINOIS

CHICAGO

Rotter W A, Monadnock blk .....Harrison 7721

OFFICE EFFICIENCY DEVICES

PENNSYLVANIA

PHILADELPHIA

Graves Timing Device Co (The Phonometer ($5) prevents overcharge), 2630 Parkway .....Poplar 3764
See our Catalog Space, page 1016

OFFICE EQUIPMENT

CALIFORNIA

SAN FRANCISCO

Monroe Calculating Machine Co, 417 Market .....Douglas 3575
See our Catalog Space, page 905

CANADA

MONTREAL, QUEBEC

Monroe Calculating Machine Co.....Main 8415
See our Catalog Space, page 905

ILLINOIS

CHICAGO

Monroe Calculating Machine Co, 330 W Monroe .....Franklin 843
See our Catalog Space, page 905

LOUISIANA

NEW ORLEANS

Monroe Calculating Machine Co, 416 Gravier.Main 140
See our Catalog Space, page 905

MARYLAND

BALTIMORE

Monroe Calculating Machine Co, Munsey bldg .....St Paul 3416
See our Catalog Space, page 905

MASSACHUSETTS

BOSTON

Monroe Calculating Machine Co, John Hancock bldg 200 Devonshire .....Fort Hill 4385
See our Catalog Space, page 905

MICHIGAN

DETROIT

Monroe Calculating Machine Co, Penobscot bldg .....Cherry 5857
See our Catalog Space, page 905

MINNESOTA

ST PAUL

Monroe Calculating Machine Co, Hackney bldg .....Tri State 24015
See our Catalog Space, page 905

MISSOURI

KANSAS CITY

Monroe Calculating Machine Co, Republic bldg .....Main 5036
See our Catalog Space, page 905

ST LOUIS

Monroe Calculating Machine Co, Syndicate Trust bldg .....Olive 107
See our Catalog Space, page 905

NEW YORK

BUFFALO

Monroe Calculating Machine Co, Ellicott Sq bldg .....Seneca 571
See our Catalog Space, page 905

NEW YORK CITY

Monroe Calculating Machine Co, Woolworth bldg .....Barclay 5174
See our Catalog Space, page 905

OHIO

CINCINNATI

Monroe Calculating Machine Co, Union Trust bldg .....Main 1178
See our Catalog Space, page 905

PENNSYLVANIA

PHILADELPHIA

Monroe Calculating Machine Co, New Stock Exchange bldg .....Spruce 457
See our Catalog Space, page 905

RHODE ISLAND

PROVIDENCE

Monroe Calculating Machine Co, Turks Head bldg .....Union 525
See our Catalog Space, page 905

TEXAS

DALLAS

Monroe Calculating Machine Co, Oriental Hotel .....Main 5130
See our Catalog Space, page 905

OFFICE EQUIPMENT & SYSTEMS

NEW YORK

TONAWANDA

American Kardex Co, Main Wheeler and Franklin..... Tonawanda 869
See our Catalog Space, page 928

OFFICE FIXTURES—NEW AND SECOND HAND

OHIO

CINCINNATI

Economy Supply Co, 126 E Pearl.....Main 1147

OFFICE FURNITURE

MASSACHUSETTS

BOSTON

American Furniture Exchange Inc, 8 Alden .....Haymarket 1824
Stearns H L Desk Co, 87 Portland....Haymarket 2680

OFFICE FURNITURE, BOUGHT & SOLD

NEW YORK

NEW YORK CITY

Brounstein J (Office Partitions, Carpenter and Cabinet Work), 166 William.....Beekman 3139

OFFICE FURNITURE—DESKS, CHAIRS, FILING CABINETS, SUPL

ALABAMA

BIRMINGHAM

Roberts & Son Mfg Stationers, 1810-12, 3rd av N.....Main 8461

CALIFORNIA

SAN FRANCISCO

Wasserkrug Joseph H, 782 Mission.....Sutter 1614

OFFICE FURNITURE—NEW AND USED

MASSACHUSETTS

BOSTON

Boston Office Furniture Exchange, 128 Purchase .....Fort Hill 3306

OFFICE FURNITURE, STEEL

DISTRICT OF COLUMBIA

WASHINGTON

General Fireproofing Co The, Woodward bldg. Main 3044

ILLINOIS

CHICAGO

General Fireproofing Co The, 325 W Madison .....Franklin 5374

MASSACHUSETTS

BOSTON

General Fireproofing Co The, 125 Federal..Main 6387

NEW YORK

NEW YORK CITY

General Fireproofing Co The, 395 Broadway ..... Franklin 2783

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 E 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

WASHINGTON

SEATTLE

General Fireproofing Co The, Alaska bldg. Elliott 3406

OFFICE FURNITURE STEEL AND WOOD FILING CABINETS

PENNSYLVANIA

PHILADELPHIA

Trout Direct Filing Co, 825 Chestnut ..... Bell-Walnut 7460 Keystone-Race 2521
See our Catalog Space, page 954

OFFICE FURNITURE & SUPPLIES

MICHIGAN

DETROIT

Gregory Mayer & Thom Co, Cadillac sq.....Main 5246

OFFICE PARTITION DESIGNERS—STORE & BANK FIXTURES

NEW YORK

NEW YORK CITY

Chelsea Partition Co, 260 W 28th.....Chelsea 9333

OFFICE PARTITION MAKERS

NEW YORK

NEW YORK CITY

Brounstein J (1000 ft on hand. Samples sent on approval), 166 William.....Beekman 3139

OFFICE PARTITIONS

MASSACHUSETTS

BOSTON

Walls C M, 21 Central.....Main 1789-M

OFFICE PARTITIONS AND RAILINGS

MICHIGAN

DETROIT

Buckers J H Mfg Co, 65-73 Catherine.....Main 1674

OFFICE RAILINGS

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

OFFICE RAILINGS, BRASS, BRONZE & IRON

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

OFFICE & SPECIAL FURNITURE

OHIO

TOLEDO

Ettl Furniture Co The, 215 Locust. Ohio State-Main 7450

OFFICE, STORE AND BANK FIXTURES

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood and Sou Ry..... Main 793

ILLINOIS

CHICAGO

Schick Johnson Co, 1737-45 N Paulina. Haymarket 3957

NEW YORK

NEW YORK CITY

Karp Geo, 87 Sunswick L I C.....Astoria 2192

OFFICE SUPPLIES

ILLINOIS

CHICAGO

Stevens Maloney & Co, 21 S Lasalle.....Central 3186

OFFICE SUPPLIES, PUNCHES, SOAP DISPENSERS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

OFFICE SWINGING DESK BRACKETS

RHODE ISLAND

PROVIDENCE

Ideal Desk Bracket Co, 26 Custom House. Union 4030-R

OFFSET LITHOGRAPHERS

ILLINOIS

CHICAGO

Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505

OFFSET PRINTERS

ILLINOIS

CHICAGO

Goes Lithographing Co, 42 W 61st....Wentworth 452

MICHIGAN

DETROIT

Stubbs Co The, cor John R and Elizabeth .....Cherry 2404

OHIO

CINCINNATI

Hennegan & Co, 311-321 Genesee.....Canal 4752

OIL AND ARTESIAN WELL MACHINERY AND SUPPLIES

TEXAS

BEAUMONT

Beaumont Well Works Co, Magnolia & Lowell ..... Bell-Beaumont 520 New Beaumont 799

OIL BURNERS—ALL KINDS

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (For Brazing, Preheating, Rivetting, Portable), 28 Church....Cortland 7673

OIL BURNERS, FOR BOILERS & HEATERS

CALIFORNIA

SAN FRANCISCO

Johnson S T Co, 1337 Mission.....Market 2759

OIL BURNERS, HEATERS AND RANGE MANUFACTURERS

INDIANA

MUNCIE

Johnson Oil Burner Manufacturers, Columbia bldg ..... Main 4018

OIL CAKE AND MEAL

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

OIL CANS—FORCE FEED

ILLINOIS

CHICAGO

Adseen Gustave, 224-230 N DesPlaines..Monroe 2300

OIL CLOTH MACHINERY

PENNSYLVANIA

PHILADELPHIA

ich J & G Company, 120-122 N 6th....Market 2961

OIL CLOTH MANUFACTURERS

NEW YORK

NEW YORK CITY

odlatte T R & Sons, 346 Bway.....Franklin 1626

OIL CLOTH, TABLE & SHELF

NEW YORK

NEW YORK CITY

m Edward Co, 450-452 Broome.....Spring 893

OIL COUNTRY GOODS BOILERS PIPE ETC.

PENNSYLVANIA

PITTSBURGH

npson Bros, Oakdale.....Oakdale 46-J

OIL CREOSOTE

NEW YORK

NEW YORK CITY

Barrett Co The, 17 Battery pl.....Rector 600

OIL CUPS

ILLINOIS

CHICAGO

Bowen Mfg Co, Otis bldg .....Franklin 3313
Winkley Company The, Otis bldg.....Franklin 3313

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.... .North 906
Winkley Company The, 866 Warren W..Walnut 2635

NEW YORK

AUBURN

Bowen Mfg Co, Canal st..... ..Auburn 56

ELMIRA

"Swift" Lubricator Co, 729-731 West 2d..Elmira 2148

OIL ENGINES

INDIANA

ANDERSON

Anderson Foundry & Machine Works, 215 Jackson ..... Anderson 53

OIL ENGINES, MARINE AND STATIONARY

NEW YORK

NEW YORK CITY

De La Vergne Machine Co foot of E 138th.Melrose 3200

PENNSYLVANIA

PHILADELPHIA

La Vergne Machine Co, Commercial Trust bldg.....Keystone 1723 Bell-Locust 402

OIL FILTERS—MNFRS.

ILLINOIS

CHICAGO

Nugent Wm W & Co, 146-148 W Superior .....Superior 3309

PENNSYLVANIA

ERIE

Sims Co The, 19th and Whitley av Bell-Erie 2542 .....Mutual 2607

OIL, GAS AND ARTESIAN WELL & MACHY SUPPLIES

OHIO

MARIETTA

Leidecker Tool Co, Second .....Marietta 92

PENNSYLVANIA

BRADFORD

Bradford Supply Co, 140 Main.....Bradford 1033

OIL AND GASOLINE PUMPS—VISIBILE MEASURE

PENNSYLVANIA

PITTSBURGH

Guarantee Liquid Measure Co, Hepburn Walker, Distributor, Farmers Bank bldg.....Grant 153

OIL & GREASE CUPS, MNFRS.

NEW YORK

BUFFALO

Sherwood Mnfg Co, 1710 Elmwood av.....North 2603

OIL AND GREASE GUNS

MICHIGAN

DETROIT

Bell Pump & Mfg Co The, 74-78 Fort E...Cadillac 2345

OIL MILL MACHINERY

OHIO

CLEVELAND

Anderson V D Co The, 1935 W 96th ..... Bell-Edgewater 765 Ohio State-Lorain 765

DAYTON

Buckeye Iron & Brass Works, 324 E 3d ..... Bell-Main 257 Ohio State 2257

OIL PUMPS, FORCE FEED & HAND—MNFRS.

NEW YORK

BUFFALO

Sherwood Mnfg Co, 1710 Elmwood av.....North 2603

OIL PUMPS, FORCE & SIGHT FEED

MINNESOTA

MINNEAPOLIS

McCullough Manufacturing Co, 2632-34 Central av ..... East 1702

OIL PUMPS—MNFRS.

ILLINOIS

CHICAGO

Nugent Wm W & Co, 146-148 W Superior .....Superior 3309

OIL REFINERY WORKS

OHIO

WARREN

Warren City Tank & Boiler Co The, Griswold ..... Warren 2013
See our Catalog Space, page 1014

OIL TANKS

MASSACHUSETTS

BOSTON

Sexton Can Co, 228 Franklin.....Main 4

OHIO

CINCINNATI

Reis Theodore, 2010 Central av.....West 1259

OIL AND WATER WELL STRAINERS AND SUPPLIES

TEXAS

HOUSTON

McEvoy J H & Co, 307-9-11 Washington av .....Preston 1439

OIL WELL COMPRESSORS, PUMP POWER—MANUFACTURERS

OHIO

MARIETTA

Ohio Valley Supply Co, 108 S Third.....Marietta 620

OIL WELL DRILLERS, DRILLING CONTRACTORS

LOUISIANA

SHREVEPORT

Clark & Greer Drilling Co, City Natl Bank ..... Shreveport 1971

OIL WELL MACHINERY AND SUPPLIES

PENNSYLVANIA

BRADFORD

Bovaird & Company, 181 Main.....Bradford 110
Bovaird & Seyfang Mfg Co, 40 Davis....Bradford 165

OIL WELL SUPPLIES

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st Spring to Commerce ..... Bell-Shreveport 851 Home-Shreveport 679

OHIO

FINDLAY

Ohio Pipe Co, Blanchard ..... Bell-Main 568 Ohio State 568

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1, 18th .....Franklin 495-J

TEXAS

BEAUMONT

Beaumont Iron Works Co, Crocket & Avenue A..... New-Beaumont 15 Old-Beaumont 15

HOUSTON

Cameron-Davant Co The, 6th and Washington .....Preston 2539

OIL WELL SUPPLIES, MANUFACTURERS

PENNSYLVANIA

BUTLER

Spang & Company, Etna st.....Butler 136

OILED LINEN FOR ELECTRICAL INSULATION

NEW JERSEY

PERTH AMBOY

New Jersey Wood Finishing Co, Lehigh av .....Perth Amboy 294

OILED PAPERS FOR ELECTRICAL INSULATION

NEW JERSEY

PERTH AMBOY

New Jersey Wood Finishing Co, Lehigh av .....Perth Amboy 294

OILED SILKS FOR ELECTRICAL INSULATION

NEW JERSEY

PERTH AMBOY

New Jersey Wood Finishing Co, Lehigh av .....Perth Amboy 294

OILERS—FORCE FEED

ILLINOIS

CHICAGO

Lidseen Gustave, 224-230 N Desplaines..Monroe 2300

OILERS—PUMP TYPE

ILLINOIS

KEITHSBURG

Cannon Oiler Co (The), successor to R E Bloomer, Keithsburg.....Keithsburg 171

OILERS, SPRING BOTTOM

PENNSYLVANIA

PITTSBURGH

Gem Manufacturing Co, Geobel nr Fulton..Cedar 2233

OILING SYSTEMS DASH BOARD OIL INDICATORS

WISCONSIN

RACINE

Morris George W Co The, 1135 Main.....Racine 496

OILING SYSTEMS—MNFRS.

ILLINOIS

CHICAGO

Nugent Wm W & Co, 146-148 W Superior .....Superior 3309

OILS

ILLINOIS

CHICAGO

Anderson & Gustafson, 608 S Dearborn.Harrison 6303
Sullivan Oil Co, 413 N Wells.....Main 3612
Union Petroleum Co, 44th and S Western bl.Drover 8210
Wenger Petroleum Co, 608 S Dearborn.Harrison 8490

LOUISIANA

SHREVEPORT

Caddo Oil & Refining Co of Louisiana Inc, Commercial Natl Bank bldg.....Shreveport 3700

MASSACHUSETTS

BOSTON

Wood W A Company, 373 Atlantic av.....Main 1727

MISSOURI

KANSAS CITY

Anderson & Gustafson, Finance bldg.....Main 5670
Union Petroleum Co, Republic bldg.....Main 1992

ST LOUIS

Anderson & Gustafson, Railway Exchange...Olive 5296

NEW JERSEY

JERSEY CITY

United Chemical Products Corporation, York and Colgate .....Montgomery 3252

NEW YORK

NEW YORK CITY

Anderson & Gustafson, Woolworth bldg..Barclay 5248
Cone Frederick H, 181 Front.....John 1998
Cook N B Oil Company, 148 Front .....John 434
See our Adv., page 1, opp. Inside Front Cover
Edgertyn Aniline Corporation, 118 William .....Beekman 964
Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433
Fiske Bros Refining Co, 24 State.....Broad 3137
Laidlaw, Kelley & Co Inc, 14 Platt.....John 1566
Levering Richmond & Co Inc, 120Broadway.Rector 4540
Pennsylvania & Delaware Oil Co, 90 West..Rector 1097
Telenga J Export & Trading Corp (Vegetable, Animal, All Varieties Fats, Greases), Singer bldg .....Cortland 4775
Union Petroleum Co, 17 Battery pl.....Rector 7479

OHIO

CLEVELAND

Canfield Oil Co The, 3216 E 55th ..... Bell-Broadway 1730 Ohio State-Union 205
Great Western Oil Co The, 2846 E 87th.Broadway 1443
Valley Oil Co, Century bldg .....Main 3972

COLUMBUS

Middle West Refining Co The, Taylor av.....East 5392

TOLEDO

Fisk Bros Refining Co, 215 Pontiac ..... Bell-Main 6358 Ohio State-Main 1265

OKLAHOMA

TULSA

Anderson & Gustafson, Daniel bldg.....Tulsa 499

PENNSYLVANIA

FRANKLIN

Foco Oil Company, 1317 Main.....Franklin 528

PHILADELPHIA

Union Petroleum Company, Widener bldg.Walnut 4660

OILS (ALL KINDS)

ILLINOIS

CHICAGO

Sullivan Oil Co, 413 N Wells.....Main 3612

MASSACHUSETTS

BOSTON

Frothingham Chas R, 10 High.....Fort Hill 5214

OILS (AUTOMOBILE FOR EVERY TYPE OF MOTOR)

PENNSYLVANIA

ALLENTOWN

Garnet Co The, New Greenleaf & L V R R ..... Bell-Allentown 1426 Consolidated-Keystone 3605

OILS (SPECIAL OIL TO ORDER)

ILLINOIS

CHICAGO

Scientific Oil Compounding Co, 3524 Shields av .....Drover 2423

OILS—ALL ANIMAL & VEGETABLE

ILLINOIS

CHICAGO

Sterne & Son Co, 140 W Van Buren....Harrison 4797

OILS—ANIMAL, FISH AND VEGETABLE

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 148 Front.....John 434
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OILS, CHINAWOOD, SOYA BEAN, COCOANUT, CASTOR, OLIVE, FOOT

ILLINOIS

CHICAGO

Haines E H, 155 N Clark.....Central 2545

OILS—COD LIVER, MEDICINAL & COMMERCIAL GRADES

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 148 Front.....John 434
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OILS, COTTON SEED & PEANUT OILS

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S Lasalle....Wabash 6829

OILS—COTTON SEED, PEANUT, SOYA BEAN, COCOANUT

NEW YORK

NEW YORK CITY

Aspegren & Co, Produce Exchange bldg..Broad 6760

OILS, CUTTING

MICHIGAN

DETROIT

Detroit Soluble Oil Co, 173 Larned W.....Main 5418

OILS, CUTTING, THREADING, ETC. MFRS.

NEW JERSEY

TRENTON

Cosmic Chemical Co Inc, New York av and Mulberry .....Trenton 1891

OILS, ESSENTIAL

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc, 44 Whitehall ..... Bowling Green 9640

OILS—FISH

NEW YORK

NEW YORK CITY

Alexander G S & Co Inc, 61 Broadway....Rector 6170

OILS, FLOTATION

NEW YORK

NEW YORK CITY

Barrett Co The, 17 Battery pl.....Rector 600

OILS, FOR ALL PURPOSES

MICHIGAN

DETROIT

Detroit Soluble Oil Co, 173 Larned W.....Main 5418

OILS, FOR SOAPS, PERFUMES AND TOILET PREPARATIONS

NEW YORK

NEW YORK CITY

Fries & Fries, 242 Pearl.....John 737
See our Catalog Space, page 931

OHIO

CINCINNATI

Fries & Fries, 121-123 W 3d.....Main 2777
See our Catalog Space, page 931

OILS—FOR STEEL TEMPERING

MICHIGAN

DETROIT

Park Chemical Company, 29-35 Lovett....Walnut 4481

OILS, FUEL

ILLINOIS

CHICAGO

Keystone Oil & Mfg Co The, 111 N Market.Main 1596

OKLAHOMA

MUSKOGEE

Muskogee Refining Co, Cherokee and Madison .....Muskogee 4293

OILS, FUEL, FLUX AND ROAD

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market. ..Main 733

OILS, GAS

ILLINOIS

CHICAGO

Keystone Oil & Mfg Co The, 111 N Market.Main 1596

OKLAHOMA

MUSKOGEE

Muskogee Refining Co, Cherokee and Madison ..... Muskogee 4293

OILS, GREASE AND SOAPS

WISCONSIN

MILWAUKEE

Milwaukee Lubricants Co, 224 Broadway..Main 3475

OILS AND GREASES, LUBRICATING

GEORGIA

SAVANNAH

Atlantic Lubricants Co. 101 E St Julian.Savannah 231

OILS, GREASES, LUBRICATING OILS, ETC.

NEW YORK

NEW YORK CITY

Oil & Grease Co of America, 261 Bway.Barclay 8576

OHIO

CLEVELAND

Lubric Oil Co The, 1235 Marquette rd Bell-Rosedale 5160
.....Ohio State-Central 1664

OILS, GREASES, OIL SOAPS & THREAD CUTTING OILS

OHIO

CLEVELAND

Phoenix Oil Co The, 2554 W 5th S W...Harvard 2600

OILS—LINSEED, CASTOR, COCOANUT, ETC.

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 148 Front.....John 434
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OHIO

TOLEDO

Toledo Seed & Oil Co The, Hanson Bell-Navarre 520
and Industrial .....Ohio State-River 520

OILS, LINSEED, CORN, LARD AND NEATSFOOT OILS

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S Lasalle....Wabash 6829

OILS, LUBRICATING

ILLINOIS

CHICAGO

Keystone Oil & Mfg Co The, 111 N Market.Main 1596

OKLAHOMA

MUSKOGEE

Muskogee Refining Co, Cherokee and Madison .....Muskogee 4293

RHODE ISLAND

PROVIDENCE

American Oil Co, 182 South Water.....Union 285

OILS, LUBRICATING—GRAPHITE OILS, MNFRS.

MICHIGAN

PORT HURON

Acheson Oildag Co. Washington av....Port Huron 1318

OILS, LUBRICATING GREASES & PAINTS

OHIO

CLEVELAND

Brooks Oil Co The, Bessemer av and C & P R R ..... Bell-Broadway 1430 Ohio State-Union 198-W

OILS, LUBRICATING, SPECIAL GRAFITED AND BELT

PENNSYLVANIA

ALLENTOWN

Garnet Co The, New Greenleaf and L V R R ..... Bell-Allentown 1426 Consolidated-Keystone 3605

OILS, MOTOR

MICHIGAN

DETROIT

Detroit Soluble Oil Co, 173 Larned W ..... Main 5418

OILS, NATURAL W. VA. LUBRICATING

WEST VIRGINIA

PARKERSBURG

Zero Oil Co, 101, 1st ..... Bell 17
See our Catalog Space, page 984

OILS, NATURAL W. VA. RUBBING

WEST VIRGINIA

PARKERSBURG

Zero Oil Co, 101, 1st ..... Bell 17
See our Catalog Space, page 984

OILS, REFINED MEDICINAL

MAINE

PORTLAND

Lord Bros Co The, 1 Central Wharf ..... Portland 722

OILS, REFINERS

MISSOURI

KANSAS CITY

Mutual Oil Co, Interstate bldg ..... Bell-Grand 4521 Home-Main 4521

PENNSYLVANIA

MIDLAND

Treadwell Construction Co ..... Midland 62

PITTSBURGH

King Oil Products Co, Century bldg ..... Grant 3379

OILS—SAPONIFIED RED, FATTY ACIDS, GLYCERINE

MARYLAND

BALTIMORE

Virginia Red Oil Products Corp, 3d av and 8th st, Canton ..... Wolfe 6326

OILS, SAPONIFIED RED OILS, FISH OILS, FATTY ACIDS

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S Lasalle ..... Wabash 6829

OILS, SOLUBLE

MICHIGAN

DETROIT

Detroit Soluble Oil Co, 173 Larned W ..... Main 5418

OILS, SOYA BEAN, CHINAWOOD, COCOANUT OILS

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S Lasalle ..... Wabash 6829

OILS, THREAD CUTTING

ILLINOIS

CHICAGO

Keystone Oil & Mnfg Co The, 111 N Market ..... Main 1596

OILS, VEGETABLE, ANIMAL & FISH

PENNSYLVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av ..... Scranton 2900

OILS, VEGETABLE, ANIMAL, FISH, MINERAL, PETROLEUM

NEW YORK

NEW YORK CITY

Caravel Company, 13-21 Park Row ..... Barclay 8430

OLEOMARGARINE

OHIO

CINCINNATI

Ohio Butterine Co The, 46-50 Walnut ..... Main 411

COLUMBUS

Capital City Dairy Co, Foot of W 1st av ..... Bell-North 9085 Ohio State 2544

OLIVE OIL

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway ..... Whitehall 240

OLIVE OIL IMPORTERS

NEW YORK

NEW YORK CITY

Kramer Sigmund, 71 Wall ..... Hanover 595
Schroeder Bros, 29 Broadway ..... Whitehall 317
Zucca Olive Oil Co Inc, 105 Hudson ..... Franklin 2483

OLIVE OIL IMPORTERS & PACKERS

NEW YORK

NEW YORK CITY

Pastene P & Co Inc, 152-54 Franklin ..... Franklin 1261

OLIVE OIL—WHOLESALE EXCLUSIVELY

NEW YORK

NEW YORK CITY

Musher & Co (World's Largest Olive Oil Packers, Branch Offices—Genoa, Italy, Tortosa, Spain), 140 Liberty ..... Rector 1209

OLIVES & OLIVE OIL

ILLINOIS

CHICAGO

Wolff M & Sons, 1338 W Randolph ..... Monroe 14
See our Catalog Space, page 1008

OPEN HEARTH (ACID) STEEL CASTING

OHIO

CANTON

Canton Steel Foundry Co, Allen av S E & B & O RR ..... Bell-Main 3530 Ohio State 3483

OPEN HEARTH INGOTS, BLOOMS, BILLETS, SLABS, SHEET BARS

OHIO

WARREN

Trumbull Steel Co The, S Pine ..... Warren 1927

OPERA CHAIRS

ILLINOIS

CHICAGO

Stafford E H Mfg Co, 218 S Wabash av ..... Harrison 8196

OPERA AND FIELD GLASSES

NEW YORK

NEW YORK CITY

Adelmann C H (Binoculars, Telescopes, Repaired and for sale) 90 Nassau ..... John 2641

OPTICAL, BINOCULAR, FIELD, EYE GLASSES & SPECTACLES

NEW YORK

NEW YORK CITY

Spencer Optical Co The, 5 & 7 Maiden la ..... Cortland 6335

OPTICAL GOODS

KENTUCKY

LOUISVILLE

Ball Optical Co The, 613 South 4th av.Bell-Main 121
..... Home-City 121

NEW HAMPSHIRE

TILTON

Lord Albert C Optical Co .....Tilton 36-11

NEW YORK

DUNKIRK

Dunkirk Glass Co Inc, (Mnfrs of Micoquille and coquille lenses for Auto, Sun and Welding Goggles, Watch Crystals, Novelties and Auto Dimmers) Dunkirk N Y.....Dunkirk 345

NEW YORK CITY

Grady Edward T, 112 E 23d.....Gramercy 1126

ROCHESTER

Kirstein E Sons Co, 242 Andrew .....Main 1764

OPTICAL GOODS AND MACHINES

NEW YORK

HORSEHEADS

Winchester Optical Company, Franklin st .....Horseheads 34-W

OPTICAL INSTRUMENTS AND LENSES

NEW YORK

ROCHESTER

Bausch & Lomb Optical Co, 637 St Paul....Main 399

OPTICIANS

ILLINOIS

CHICAGO

Coe Almer & Co, 105 N Wabash av 82 E Jackson bl and 6 S Lasalle.....Randolph 2150

OHIO

CINCINNATI

Prince L M Co, 108 W 4th.....Main 17

OPTOMETRISTS

NEW YORK

NEW YORK CITY

Cross A Jay, 20 E 23rd.....Gramercy 3784

ORANGE PEEL BUCKETS

ILLINOIS

CHICAGO

Shaw Willis, 80 E Jackson bl.....Harrison 22

ORCHESTRAS

ILLINOIS

CHICAGO

and Johnny Band & Orchestras The, 127 N Dearborn.....Randolph 5237

ORCHESTRAS AND ENTERTAINMENT

ILLINOIS

CHICAGO

Johnson Music & Entertainment, 64 W Randolph .....Randolph 6181

ORDNANCE SUPPLIES

NEW YORK

NEW YORK CITY

Ordnance Engineering Corporation, 120 Broadway .....Rector 4794
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ORES

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

ORES AND RARE MINERALS

NEW YORK

NEW YORK CITY

Schaaf-Regelman E 220 Bway.....Cortland 5253

ORGAN BUILDERS

CALIFORNIA

LOS ANGELES

Estey Organ Company (C W McQuigg), 332 S Broadway .....Main 585

ILLINOIS

CHICAGO

Estey Organ Company (G N Bucklin), Hotel Brevoort, 120 W Madison.....Franklin 2367
Estey Organ Company (F E Freers), 5228 A Calumet av.....Drexel 1439

MASSACHUSETTS

BOSTON

Estey Organ Company, 120 Boylston.....Beach 1074

CAMBRIDGE

Estey Organ Company (C R Putnam)..Cambridge 6014
Estey Organ Company (K S Usher), 77 Brattle .....Cambridge 1197-W

MALDEN

Estey Organ Company (R E Staples), 769 Main .....Malden 1359-M

MISSOURI

ST LOUIS

Estey Organ Company, 3232 A Michigan av.Sidney 1972

NEBRASKA

OMAHA

Estey Organ Company (J W Morrison), 710 N 16th .....Red 4819

NEW JERSEY

BAYONNE

Estey Organ Company (Thos Radley c/o Louis Beck), 12 W 6th.....Bayonne 62-J

CAMDEN

Estey Organ Company (H H Allen), Haddon Heights .....Haddon Heights 778-M

EAST ORANGE

Estey Organ Company (H L Godshalk), 189 Amherst .....Orange 6092

NEW YORK

NEW YORK CITY

Estey Organ Company, 25 W 45th.....Bryant 189
Estey Organ Company (Henry Mierisch c/o Louis Mierisch), 2059 Webster av.Fordham 1557
Odell J H & C S & Co, 407-409 W 42nd..Bryant 1410

PELHAM

Estey Organ Company (J W Crooks), 75 Clifford av .....Pelham 1240-W

MOUNT VERNON

Estey Organ Company (Park V Hogan), 245 Claremont av .....Mt Vernon 3659-R

SYRACUSE

Estey Organ Company (H H Solt), 700 Teall av .....James 1041

OREGON

PORTLAND

Estey Organ Company (H C Ferris), Hotel Seward, 143, 10th.....Main 7164

PENNSYLVANIA

PHILADELPHIA

Estey Organ Company, 17th and Walnut...Spruce 4367
Estey Organ Company (G S Boyer), 5829 Cedar av .....Woodland 3981-W

PITTSBURGH

Estey Organ Company (S Dwight Smith), 151 Watsonia av N S.....Cedar 538-R

TEXAS

DALLAS

Estey Organ Company (B T Pettit), 1502 Columbia av.....Haskell 1154

VERMONT

BRATTLEBORO

Estey Organ Company .....Brattleboro 760

ORGAN MANUFACTURERS

MASSACHUSETTS

BOSTON

Estey Organ Company, 120 Boylston.....Beach 1074

VERMONT

BRATTLEBORO

Estey Organ Company.....Brattleboro 760

ORGAN AND PLAYER-PIANO LEATHERS

MASSACHUSETTS

BOSTON

White Son Co, 530-540 Atlantic av ..... Main 196
Main 197

ORIENTAL ART GOODS

CALIFORNIA

SAN FRANCISCO

Sing Chong Importing Co (Wholesale, Retail, Kimonos, Silks, Embroideries, Antiques, Novelties, Porcelains, Ebony Furniture, Bamboo Wares) 601-611 Grant av China Town.Douglas 1245

ORIENTAL RUGS

ILLINOIS

CHICAGO

Nahigian Bros, 122 S Wabash av.....Randolph 2044
Pushman Bros (Oriental & Domestic Rugs, Wholesale and Retail) 16 S Wabash av.Central 5767

ORNAMENTAL BRASS

ILLINOIS

CHICAGO

Reuter Brothers, 5814 S Wood.....Prospect 4069

ORNAMENTAL BRASS AND BRONZE GOODS—MNFRS.

ILLINOIS

CHICAGO

Johnson-Meier Co, 155-157 Wendell....Superior 5205

ORNAMENTAL BRASS, BRONZE AND IRON WORK

OHIO

CINCINNATI

Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

ORNAMENTAL CONCRETE

ILLINOIS

CHICAGO

Schmidt Alvin A, 4447-4453 Ravenswood av .....Ravenswood 3134

ORNAMENTAL IRON

ILLINOIS

CHICAGO

Duffin Iron Co, 4837-55 S Kedzie av....McKinley 732
Reuter Brothers, 5814 S Wood.....Prospect 4069

KENTUCKY

LOUISVILLE

Champion Wire & Iron Wks, 706-8 Marshall .....Home-City 4215

OHIO

CLEVELAND

Rose E R, 818 Champlain.....Main 4049

TEXAS

DALLAS

Southern Wire & Iron Co, Harwood & Terminal RR .....Edgewood 232

ORNAMENTAL IRON & BRONZE

ILLINOIS

CHICAGO

Manton & Smith Company, 1709 W Austin av .....Haymarket 6145

MICHIGAN

DETROIT

Bolles J E Iron & Wire Wks, 288 E Milwaukee av .....North 6123

ORNAMENTAL IRON & BRONZE WORK

ILLINOIS

CHICAGO

Smith F P Wire & Iron Works, 54 W Lake .....Central 438

MISSOURI

ST LOUIS

Lasar Mfg Co, 1314 N 16th.....Tyler 118

ORNAMENTAL IRON AND WIRE

MICHIGAN

DETROIT

Michigan Iron & Wire Works, Sheridan and St Paul avs.....Edgewood 107

MISSOURI

ST LOUIS

Usona Mfg Co, 822 S 18th .....Olive 3433

PENNSYLVANIA

ELLWOOD CITY

Ellwood City Iron and Wire Co, 418 Pittsburgh Circle .....Ellwood City 249

ORNAMENTAL IRON AND WIRE WORK

GEORGIA

ATLANTA

Galian E E Co The, Healey bldg .....Ivy 1880

MISSOURI

ST LOUIS

Lasar Mfg Co, 1314 N 16th.....Tyler 118
Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

OHIO

SANDUSKY

Mack Iron & Wire Works Co The, 122-124 Warren .....Main 784-R

PENNSYLVANIA

PITTSBURGH

Hanny Chas G & Co, 856 W North av.....Cedar 3612

ORNAMENTAL IRON WORK

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis....Mt Vernon 980

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 E 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

MANSFIELD

Hughes-Keenan Co The, 260 N Mulberry .....Bell-Main 1023-R Mansfield 967

PENNSYLVANIA

CHARLEROI

Charleroi Iron Works, 810 McKean.....Charleroi 11

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

ORTHOPEDIC APPLIANCES TRUSSES, ETC.

MINNESOTA

MINNEAPOLIS

Standard Medical Supply Co, 1006 W Lake .....Bell-Kenwood 5490 Tri State 51498

NEW YORK

NEW YORK CITY

Schuster Otto F Inc, 673 Lexington av....Plaza 2471

OSTEOPATHS

ILLINOIS

CHICAGO

Dale Walter J Dr, 17 N State.....Central 3350
res 6235 Woodlawn av.....Midway 6462
Hively J L Dr, Osteopath and Chiropractor, Graduate of The American School of Osteopathy, Kirkville Mo, 39 S State...Central 3184
McCord Andrew S, DO, 220 S State.....Wabash 721
Murphy J L Dr, 220 S State.....Wabash 4994
res 6532 Kimbark av.....Blackstone 2269

NEW JERSEY

NEWARK

Becker Jackson H & Jessie E, 459 High cor Market .....Market 1357

NEW YORK

NEW YORK CITY

Morrison Dr Daniel N (Graduate under founder. Specializing in Osteopathy, Catering to Metropolitan visitors, Fees moderate) 120 E 34th .....Murry Hill 77

OUT-DOOR ADVERTISING

ILLINOIS

CHICAGO

Batten George Company Inc, 332 S Michigan av .....Wabash 7116
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MASSACHUSETTS

BOSTON

Batten George Company Inc, 10 State...Fort Hill 3906
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NEW YORK

NEW YORK CITY

Batten George Company Inc, 381 Fourth av .....Madison Sq 7500
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OUTDOOR ADVERTISING BULLETINS

PENNSYLVANIA

PITTSBURGH

O'Brien G G, 3216, 5th av.....Schenly 3315

OUTDOOR SLEEPING COTS, ENCLOSED

INDIANA

HAMMOND

Enterprise Bed Co.....Hammond 84

OVEN BUILDERS—BRICK

ILLINOIS

CHICAGO

Petersen Oven Co The, 112 W Adams..Randolph 1454

OVEN MNFRS.

CONNECTICUT

NEW HAVEN

Oven Equipment & Mfg Co The, ("Crawford Sectional") 973 Dixwell av.....Liberty 1281

ILLINOIS

CHICAGO

Hubbard Portable Oven Co, 1134-1144 Belden av .....Lincoln 32
Maehler Paul Co, 807 W Lake.....Monroe 835

OVENS, ELECTRIC—MNFRS.

MINNESOTA

MINNEAPOLIS

Despatch Manufacturing Co, 104 N 2d st.Tri State 33457

OVENS—ENAMELING

MICHIGAN

DETROIT

Young Brothers Company, 313-317 Franklin .....Main 5704

OVENS—ENAMELING, JAPANNING, LACQUERING

CONNECTICUT

NEW HAVEN

Oven Equipment & Mfg Co The, 973 Dixwell av .....Liberty 1281

ILLINOIS

CHICAGO

Roberts Portable Oven Co, 2014 N Major av. Albany 973

NEW YORK

NEW YORK CITY

Gehnrich Indirect Heat Oven Co Inc, 62 Franklin av, Bklyn.....Williamsburg 225

OVENS, GAS & REEL, JAPANNING & CABINET

MASSACHUSETTS

NEWBURYPORT

Reek Oven Mfg Co, Water st.....Newburyport 341

OVERALL BUCKLES AND LOOPS

CONNECTICUT

NEW HAVEN

Fire Novelty Mfg Co The.....West 25
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OVERALLS

NEW JERSEY

PATERSON

Pioneer Overall Co, 204 Van Houten....Paterson 4034

OHIO

FOSTORIA

Ory Mfg Co The, Main & Tiffin.....Main 233

OVERALLS AND PANTS (MANUFACTURERS)

INDIANA

EVANSVILLE

Triangle Overall Co, 504-08 Fulton av..Evansville 1456

OVERALLS, PANTS AND SHIRTS (MANUFACTURERS)

INDIANA

EVANSVILLE

Ansville Overall Co, 1601-05 W Franklin .....Evansville 475

OVERALLS, SHIRTS & BLOUSES

INDIANA

PORTLAND

Acker Shirt Co The, 215 W Walnut...Portland 238

OVERALLS AND WORK CLOTHING (MNFRS.)

INDIANA

TERRE HAUTE

Bl-Urban & Co 9½ and Bell-Terre Haute 923
Ohio .....Independent 923

OVERGAITERS, LEGGINGS AND PUTTEES

NEW YORK

NEW YORK CITY

Manufacturing Co The, 18-22 W 18th. Chelsea 5053

OVERHEAD BEEF TRACKING

NEW YORK

NEW YORK CITY

Richmond & Daniels Inc, 90 West.....Rector 4681

OXALIC ACID

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-16 Clybourn av. Diversey 4410
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NEW YORK

NEW YORK CITY

Thomson J M & Co Inc, 521 Broome.....Spring 3720

OXIDES—IRON

NEW YORK

NEW YORK CITY

Binney & Smith Co, 81 Fulton.....Beekman 4020

OXIDES, RED

NEW YORK

NEW YORK CITY

Meyer, G A & E, 135 William.....John 1005

OXY-ACETYLENE

DISTRICT OF COLUMBIA

WASHINGTON

Davis-Bournonville Company, Colorado bldg. Main 9178

OXY-ACETYLENE APPARATUS

CALIFORNIA

SAN FRANCISCO

Davis-Bournonville Co, 602 Mission.....Sutter 4977
See our Catalog Space, page 1023

ILLINOIS

CHICAGO

Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486
Davis-Bournonville Co, 143 W Austin av. Franklin 5877
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Torchweld Equipment Co, Fulton & Carpenter .....Haymarket 7131

MASSACHUSETTS

BOSTON

Davis-Bournonville Co, 141 Milk.....Fort Hill 4763
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MICHIGAN

DETROIT

Davis-Bournonville Co, 427 Grand River avGlendale 3426
See our Catalog Space, page 1023

MISSOURI

ST LOUIS

Davis-Bournonville Co, 1005 Pine.....Olive 883
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NEW JERSEY

JERSEY CITY

Davis-Bournonville Co, Van Wagenan av...Bergen 1586
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NEW YORK

NEW YORK CITY

Davis-Bournonville Co, Van Wagenan av, Jersey City .....Rector 3428
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OHIO

CINCINNATI

Davis-Bournonville Co, Union Central Life Ins bldg .....Main 3894
See our Catalog Space, page 1023

CLEVELAND

Davis-Bournonville Co, Engineers bldg.....Main 2230
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OKLAHOMA

OKLAHOMA CITY

Burdett Oxygen Co, 106 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

Burdett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

Burdett Oxygen Co, Witherspoon bldg....Walnut 462
Davis-Bournonville Co, N Stock Exch bldg. Spruce 693
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PITTSBURGH

Davis-Bournonville Co, 316 Penn.....Court 2683
See our Catalog Space, page 1023

TENNESSEE

CHATTANOOGA

Burdett Oxygen Co, 410 N Market.....Main 294

WASHINGTON

SEATTLE

Davis-Bournonville Co, 6 Colman Dock.....Elliott 1088
See our Catalog Space, page 1023

OXY-ACETYLENE WELDING

INDIANA

RICHMOND

Weldex Co, 12th and North E.....Automatic 1494

MICHIGAN

DETROIT

Cottingham Welding Co, 637 Cass av....Glendale 2868
Smith-Hamburg-Scott Welding Co, 690 John R .....Glendale 635

NEW YORK

YONKERS

Chadburn Samuel, 226 S Broadway.....Yonkers 2308

OKLAHOMA

TULSA

Dubler Welding Co, Admiral and Oqassa...Tulsa 4475

OXY-ACETYLENE WELDING & CUTTING APPARATUS

MISSOURI

ST LOUIS

Modern Engineering Co, 23d & Bell-Bomont 990
Walnut .....Kinloch-Central 603

OXY-ACETYLENE WELDING EQUIPMENTS

OHIO

CINCINNATI

Varwig Mfg Co, 120 Opera pl.....Canal 3755

HAMILTON

Hamilton Welding & Mfg Co, Chest-Bell-Hamilton 600-X
nut and B & O RR.....Ohio State 1353-X
See our Catalog Space, page 985
Superior Oxy-Acetylene Machine Co, 1102 E High.....Hamilton 1848-Y

OXY-ACETYLENE WELDING SUPPLIES & ACCESSORIES

OHIO

HAMILTON

Hamilton Welding & Mnfg Co, Chestnut and B & O RR.....Bell-Hamilton 600-X Ohio State 1353-X
See our Catalog Space, page 985

OXY-HYDROGEN APPARATUS

ILLINOIS

CHICAGO

Burdett Mfg Co, 309-319 St Johns ct.....Monroe 4486

OKLAHOMA

OKLAHOMA CITY

Burdett Oxygen Co, 406 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

Burdett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

Burdett Oxygen Co, Witherspoon bldg.....Walnut 462

TENNESSEE

CHATTANOOGA

Burdett Oxygen Co, 410 N Market.....Main 294

OXY-HYDROGEN—ELECTROLYZERS

NEW JERSEY

HARRISON

Shriver T & Co, 850 Hamilton.....Harrison 2140

OXYGEN

ILLINOIS

CHICAGO

Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

OKLAHOMA

OKLAHOMA CITY

Burdett Oxygen Co, 406 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

Burdett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

Burdett Oxygen Co, Witherspoon bldg....Walnut 462

TENNESSEE

CHATTANOOGA

Burdett Oxygen Co, 410 N Market.....Main 294

OXYGEN & HYDROGEN, GENERATING PLANTS

ILLINOIS

CHICAGO

Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

OKLAHOMA

OKLAHOMA CITY

Burdett Oxygen Co, 406 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

Burdett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

Burdett Oxygen Co, Witherspoon bldg....Walnut 462

TENNESSEE

CHATTANOOGA

Burdett Oxygen Co, 410 N Market.....Main 294

OYSTER PAPER PAILS

ILLINOIS

CHICAGO

Sefton Manufacturing Corporation, 1300 W 35th.....Yards 1403
See our Catalog Space, page 988

PACKAGE AND CASH CARRIERS

ILLINOIS

CHICAGO

Baldwin James L Carrier Co, 12 N Market.Main 1621

PACKAGES WATERPROOFED, PAPER CUPS AND TUBS

NEW JERSEY

NEWARK

Mono-Service Company, Verona av and Oraton st.....Branch Brook 4300
See our Catalog Space, page 935

PACKAGING MACHINERY (AUTOMATIC)

MASSACHUSETTS

BOSTON

National Packaging Machinery Co, 172-180 Green, Jamaica Plain.....Jamaica 420

PACKERS

ILLINOIS

CHICAGO

Hetzel & Company, 1743-1817 Larrabee..Lincoln 1185
Mayer Oscar F & Bro, Sedgwick and Beethoven pl.....Superior 8500

MISSOURI

SEDALIA

Sedalia Farmers Co-Operative Packing & Produce Co, 700 W Main.....Sedalia 468

PACKERS, PORK & BEEF

IOWA

MASON CITY

Decker Jacob E & Sons, 15th N E.....Mason City 312

PACKERS' SUPPLIES

ILLINOIS

CHICAGO

Oppenheimer S & Co, 2700 S Wabash av.Calumet 5444

NEW YORK

NEW YORK CITY

Oppenheimer S & Co, 96-100 Pearl.....Broad 4410

PACKERS' SUPPLIES, WIRE GOODS FOR PACKERS USE

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn.....Central 5276
See our Catalog Space, page 1026

PACKERS' TOOLS—BBL STICKS MEAT & BONING HOOKS

ILLINOIS

CHICAGO

Duffy Mfg Co, 214-16 W Grand av.....Superior 3674

PACKERS AND SHIPPERS

NEW JERSEY

JERSEY CITY

Stewart Thomas J Co The, Erie and Fifth sts.....Montgomery 3400

NEW YORK

NEW YORK CITY

N Y Crating & Forwarding Co, 521-3 W 37th.....Greeley 4617
See our Catalog Space, page 986
Parkers Express (Expert Packers & Shippers of Fine Furniture, Works of Art, Etc., Out of Town Consignments for exhibitions solicited) 136 W 55th.....Circle 1208

PACKERS, SHIPPERS, MOVERS & STORAGE OF HOUSEHOLD GDS

CALIFORNIA

LOS ANGELES

California Fireproof Storage Co, 2808 W Pico.....Manual-West 4736 Automatic 71412
See our Catalog Space, page 1011
Shattuck & Nimmo Warehouse Co, Marsh-Strong Bldg.....Bell-Main 381 Automatic 4814
See our Catalog Space, page 1011

ILLINOIS

CHICAGO

Fort Dearborn Fireproof Storage Co, 4615 Clifton av.....Ravenswood 100
See our Catalog Space, page 1011
North Shore Fireproof Storage Co, 4820 Broadway.....Edgewater 803
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S Dearborn.....Harrison 3467
See our Catalog Space, page 1011

MARYLAND

BALTIMORE

Security Storage & Trust Co, 13-19 W North av.....Mt Vernon 230
See our Catalog Space, page 1011

MISSOURI

ST LOUIS

Orcutt Storage Co The, 4729 Easton av...Forest 2648
See our Catalog Space, page 1011

NEBRASKA

OMAHA

Omaha Van & Storage Co, 808 S 16th....Douglas 4163
See our Catalog Space, page 1011

NEW YORK

NEW YORK CITY

Harlem Storage Warehouse Co Inc, 211-13 E 100th.....Lenox 850
See our Catalog Space, page 1011

UTICA

Utica Carting Co, 69-85 N Genesee.....Utica 777
See our Catalog Space, page 1011

OHIO

CINCINNATI

Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av.....Woodburn 652
See our Catalog Space, page 1011

OKLAHOMA

OKLAHOMA CITY

O-K Transfer & Storage Co, First and HudsonP B X
See our Catalog Space, page 1011

PENNSYLVANIA

PHILADELPHIA

Atlas Storage Warehouse, Market and 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

TENNESSEE

NASHVILLE

Bond E M Fireproof Storage Co, 38 Arcade..Main 20
See our Catalog Space, page 1011

TEXAS

HOUSTON

Union Transfer Co Inc, 211 San Jancinto. Preston 2045
See our Catalog Space, page 1011

PACKING

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin. Main 3761
Fabbs Hydraulic Packing Co, 431 S Dearborn ..... Harrison 70

OHIO

CINCINNATI

Atlas Rubber & Belting Co The, 812-814 Walnut ..... Main 377

PENNSYLVANIA

PHILADELPHIA

Gasket Supply Co, 1729 Ludlow..... Spruce 2280
See our Catalog Space, page 957

PACKING (ASBESTOS—RUBBER—STEAM, ETC.)

NEW YORK

NEW YORK CITY

Manubil Company The, 253 Broadway..Barclay 6017
See our Catalog Space, page 915

PENNSYLVANIA

PHILADELPHIA

"Double Service" Packing Co ("D S" Patent Sheet and Hydraulic Packing) 246 Chestnut ..... Lombard 4997

PACKING (GAS AND OIL WELL)

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1 Thirteenth st..Franklin-495-J

PACKING (LEATHER)

ILLINOIS

CHICAGO

Frash Chas W Co, 20 W Jackson bl..... Harrison 5351

MICHIGAN

MUSKEGON

Frash Chas W Co (Factory) 34 Hudson. Muskegon 2510

PACKING (RAWHIDE)

ILLINOIS

CHICAGO

Chicago Rawhide Mfg Co The, 1301 Elston av ..... Monroe 6760

PACKING (ROD, SHEET AND HYDRAULIC)

CALIFORNIA

LOS ANGELES

Endura Mfg Co (Pacific Mill & Mine Supply Co), (For Oils, Alkalies & Benzol Products), 422 E 3d.... Manual-Pico 441 Automatic A-5967

SAN FRANCISCO

Endura Mfg Co (Pacific Mill & Mine Supply Co) (For Oils, Alkalies & Benzol Products), 616 Mission ..... Kearny 622

COLORADO

DENVER

Endura Mfg Co (Hendrie & Bolthoff Mfg & Supply Co) (For Oils, Alkalies and Benzol Products), 1639, 17th ..... Main 75

ILLINOIS

CHICAGO

Endura Mfg Co (Advance Packing & Supply Co) (For Oils, Alkalies & Benzol Products), 11 N Franklin ..... Main 3761

INDIANA

INDIANAPOLIS

Endura Mfg Co (Hide Leather & Belting Co) (For Oils, Alkalies & Benzol Products), 227 S Meridian..... Bell-Main 2094 Automatic 27-365

KENTUCKY

LOUISVILLE

Endura Mfg Co (Laib Company) (For Oils, Alkalies & Benzol Products) 18th and Magnolia..... Bell-West 44 Home-City 1758

MASSACHUSETTS

BOSTON

Endura Mfg Co (A W Chesterton Co) (For Oils, Alkalies & Benzol Products), 64 India...Main 5877

MICHIGAN

DETROIT

Endura Mfg Co (Anchor Packing Co) (For Oils, Alkalies & Benzol Products), 139 E Congress ..... Main 5975

MISSOURI

KANSAS CITY

Endura Mfg Co (Kansas City Rubber & Belting Co) (For Oils, Alkalies, and Benzol Products), 712 Delaware..Bell-Main 5014 Home-Main 6947

NEW YORK

ALBANY

Endura Mfg Co (Albany Hardware & Iron Co) (For Oils, Alkalies & Benzol Products), 41 State..... Main 1900

BUFFALO

Endura Mfg Co (United States Rubber Co) (For Oils, Alkalies & Benzol Products) 379-383 Washington ..... Seneca 830

NEW YORK CITY

Endura Mfg Co (For Oils, Alkalies & Benzol Products), 45 Lafayette..... Franklin 1885
Endura Mfg Co (Robert A Keasbey Co) (For Oils, Alkalies & Benzol Products), 445 West. Chelsea 8300

NEWBURGH

Endura Mfg Co (W L Smith) (For Oils, Alkalies & Benzol Products), 165 Broadway..Newburg 685

OHIO

CINCINNATI

Endura Mfg Co (Queen City Supply Co) (For Oils, Alkalies and Benzol Products), S W Cor Pearl & Elm..... Main 1195

CLEVELAND

Endura Mfg Co (Cleveland Tool and Supply Co) (For Oils, Alkalies & Benzol Products), 1427 W 6th ..... Main 6213

COLUMBUS

Endura Mfg Co (Columbus Mill & Mine Supply Co) (For Oils, Alkalies & Benzol Products), 75 N Front..... Bell-Main 246 Ohio-State 2246

OREGON

PORTLAND

Endura Mfg Co (Pacific Mill & Mine Supply Co) (For Oils, Alkalies & Benzol Products), 69, 1st..... Bell-Main 5707 Home-A 2441

PENNSYLVANIA

PHILADELPHIA

Endura Mfg Co (For Oils, Alkalies & Benzol Products) 63d & Eastwick av. Woodland 630

PITTSBURGH

Endura Mfg Co (Sonnet Leather & Belt Co) (For Oils, Alkalies & Benzol Products), 227 Water ..... Court 4860

READING

Endura Mfg Co (Brown Engineering Co) (For Oils, Alkalies & Benzol Products), 123 N 3d. Reading 1708

SCRANTON

Endura Mfg Co (Riverburg Blacksmith Co) (For Oils, Alkalies & Benzol Products), Coal Exch bldg ..... Scranton 5995

TEXAS

HOUSTON

Southern Rubber & Belting Co, 517 Washington av ..... Preston 4392

UTAH

SALT LAKE CITY

Endura Mfg Co (Mountain States Rubber Co) (For Oils, Alkalies & Benzol Products), 364 S State ..... Wasatch 1905

WEST VIRGINIA

HUNTINGTON

Endura Mfg Co (Miller Supply Co) (For Oils, Alkalies & Benzol Products), 742, 3d ..... Huntington 827

PACKING (RUBBER, ASBESTOS, HEMP, ETC.)

PENNSYLVANIA

PHILADELPHIA

Montgomery Bros Inc (Combinations for Steam and Water Pressure) 45 S Second.... Lombard 1500

PACKING BOXES

ILLINOIS

CHICAGO

Acme Box Company, 22d & Loomis..... Canal 424
Tegtmeyer Box & Lumber Co, 1828 S Canal. Canal 227

MICHIGAN

BAY CITY

Handy Bros ..... Bay City 1151

NEW YORK

NEW YORK CITY

Forest Box & Lumber Co (Packing Cases, Lumber and Box Shooks in Car Load Lots or Less) 4th st & East River.... Orchard 7900
Richards O S Corp (Wooden Boxes, Nailed cases, shooks in any quantity and in carload lots) 87, 34th Bush Terminal, Bklyn ..... Sunset 5500
Ryan P, 550-560 Washington..... Spring 1337
See our Catalog Space, page 986

OHIO

CINCINNATI

Cincinnati Wire Bound Box Co The, Carthage Pike and Big 4 R R, St Bernard. Avon 863

PACKING BOXES—METAL

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle..... Main 758

PACKING HOUSE CONSTRUCTION

NEW YORK

NEW YORK CITY

Richmond & Daniels Inc, 90 West..... Rector 4681

PACKING HOUSE ENGINEERS

ILLINOIS

CHICAGO

Packers Architectural & Engineering Co, 431 S Dearborn.....Harrison 5182
Stadler Engineering Co The, 327 S La Salle .....Wabash 417

NEW YORK

NEW YORK CITY

American Packing House Engineering Co, 126 Liberty .....Rector 394

PACKING HOUSE MACHINERY

ILLINOIS

CHICAGO

Hamler Boiler & Tank Co, 3906 S Halsted.Yards 947
Swenson Evaporator Co, Monadnock blk.Harrison 1252

PACKING HOUSE MACHINERY—RENDERING TANKS

OHIO

DAYTON

Dayton Beater & Hoist Co, 26 North Canal.Main 4172

PACKING PADS

ILLINOIS

CHICAGO

Excelsior Wrapper Co, 224 W Kinzie...Franklin 2389

MASSACHUSETTS

BOSTON

Boston Excelsior Co, 26 Canal.....Haymarket 158

MICHIGAN

GRAND RAPIDS

Excelsior Wrapper Co, Hall and Godfrey av .....Bell-South 16 Citizens 7543

NEW YORK

BUFFALO

Excelsior Supply Co, 16 Carroll.....Seneca 193

NEW YORK CITY

Boston Excelsior Co, 30th & North River.Chelsea 7700

OHIO

CINCINNATI

Excelsior Supply Co, 2d and Smith.....Main 924

CLEVELAND

Excelsior Supply Co, 1732 Merwin rd.....Main 4950

PENNSYLVANIA

PHILADELPHIA

Philadelphia Excelsior Co, 716 N 3d.....Market 446

PITTSBURGH

Excelsior Supply Co, Bessemer bldg.....Court 891

WISCONSIN

SHEBOYGAN

Excelsior Wrapper Co, 1635 Erie av..Sheboygan 44

PADLOCK LATCH AND CATCH, WOOD SLIDE & SWING DOORS

NEW YORK

NEW YORK CITY

Voigt Albert Mfg Co, 40-42 S 8th,Bklyn.Wmsburg 2227

PAGING MACHINE MANUFACTURERS

NEW YORK

NEW YORK CITY

Hoole Machine & Engraving Works Inc, 29-33 Prospect Bklyn.....Main 2426

PAILS, ASH, GARBAGE, CEMENT

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

PAINT AIR BRUSH EQUIPMENT

ILLINOIS

CHICAGO

Paasche Air Brush Co, 1219 Washington bl .....Haymarket 7480

PAINT MACHINERY

ILLINOIS

CHICAGO

Kaestner & Hecht Co, 500 Throop.....Haymarket 6840

PAINT OILS

PENNSYLVANIA

PITTSBURGH

Ball Chemical Co, (Locomotive Blacks, Turpentine, Paints, Varnish Removers) Fulton bldg.....Grant 1469

PAINT SPRAY—HOSE MNFRS. SPECIALISTS

NEW YORK

NEW YORK CITY

Metal Hose & Tubing Co, 253 Tillary, Bklyn.Main 9975

PAINT SPRAYERS—AIR

ILLINOIS

CHICAGO

Wold Air Brush Mfg Co The, 716 W Madison .....Monroe 1934

PAINT AND VARNISH REMOVER, MNFRS.

ILLINOIS

CHICAGO

Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
McAdam Charles Co 3161 Cot Grove av..Douglas 6780

PAINTED POSTERS

RHODE ISLAND

PAWTUCKET

Nap-N Sign Co, 6 Mason.....Pawtucket 2218-W

PAINTERS

ILLINOIS

CHICAGO

McCarthy J G Co, 1832 S Wabash av...Calumet 1482
Nelson W P Co, 614 S Michigan av.....Harrison 5073

MASSACHUSETTS

BOSTON

Amer Painting & Decorating Co Inc, 126-28 Milk .....Main 1223

NEW YORK

NEW YORK CITY

Fleck F J & Co, 74-76 Ninth av.....Chelsea 99
See our Catalog Space, page 1024
Nelson W P Co, 209 W 33d.....Greeley 6626

PAINTERS (BUILDINGS, MILLS, STRUCTURAL IRON, ETC.)

PENNSYLVANIA

PHILADELPHIA

Tierney J P, 269 S 4th.....Lombard 3115

PITTSBURGH

Patridis William & Co, Germania Savings Bank bldg .....Court 3747

PAINTERS AND DECORATORS

ILLINOIS

CHICAGO

Brennan J M Co, 651 W 43d.....Yards 768

PAINTERS, INDUSTRIAL

ILLINOIS

CHICAGO

Pangere & Manta Co, 110 S Dearborn..Randolph 6561

PAINTERS' BRUSHES—MNFRS.

ILLINOIS

CHICAGO

Gerts Lumbard & Co, 221 W Randolph....Main 3311

PAINTERS' OUTFITS AND ROPES

OHIO

CINCINNATI

Melvin Supply Co, 214 Main.....Main 2549

PAINTERS' SUPPLIES

NEW YORK

NEW YORK CITY

Wolf's S Sons, 753, 9th av.....Columbus 222

PAINTING CONTRACTORS FOR GEN'L STRUCTURAL IRON WKS

PENNSYLVANIA

PITTSBURGH

Patridis William & Co, Germania Savings Bank bldg .....Court 3747

PAINTING MACHINERY, PNEUMATIC

ILLINOIS

CHICAGO

Wright David A. 568 W Washington bl..Franklin 3899

PAINTING AND WHITEWASHING MACHINES

ILLINOIS

CHICAGO

Star Brass Works Inc, 3114 to 3122 Carroll av ..... Kedzie 9551
See our Catalog Space, page 1000

PAINTS

ILLINOIS

CHICAGO

Detroit Graphite Co, Monadnock blk.... Harrison 1074
Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 2001 Mendell ..... Monroe 3286
Lucas John & Co Inc, 1362 W 37th..... Drover 4980

MINNESOTA

MINNEAPOLIS

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 918, 4th. Nicollet 567

NEW JERSEY

JERSEY CITY

Woolsey C A Paint & Color Co, 500 Grand ..... Montgomery 1766

NEW YORK

NEW YORK CITY

Harrison Works (owned and operated by E I Du Pont de Nemours & Co), 80 Maiden la. John 6444

OHIO

CLEVELAND

Blackstone Oil & Paint Co The, Blackstone bldg ..... Bell-Main 7108 Ohio State-Central 1424-W
Colorcraft Co The, 1248 W 70th..... Edgewater 3616
Iroquois Mfg Co The, 6408 Euclid av.... Rosedale 2308

EAST LIVERPOOL

National Products Co..... East Liverpool 540

PENNSYLVANIA

PHILADELPHIA

Harrison Works (owned and operated by E I Du Pont de Nemours & Co) 35th & Gray's Ferry rd ..... Dicknsn 50
Phoenix Paint & Varnish Co, 124 Market ..... Bell-Lombard 560 Keystone-Main 915

PAINTS (MANUFACTURERS)

CALIFORNIA

LOS ANGELES

Patton Paint Company, 928 South Main ..... Manual-Main 2339 Automatic-A 5923

SAN FRANCISCO

Patton Paint Company, 914 Folsom ..... Kearny 1793

ILLINOIS

AURORA

Robinson Paint Co ..... Aurora 69

CHICAGO

Martin-Senour Co The, 2520 Quarry..... Yards 2410

EAST ST LOUIS

Victor Paint Mfg Co, 115 N 5th ..... Bell-East 1535 Kinloch-St Clair 486

INDIANA

INDIANAPOLIS

Ardsal A Company The, Capitol av & Georgia ..... Bell-Main 2391 Automatic 27-331
Indianapolis Paint & Color Co, 120-124 S Illinois ..... Bell-Main 1770 Automatic 24-396

IOWA

DES MOINES

Sterite Paint & Mfg Co The, W 11th & Market ..... Walnut 1442

MICHIGAN

DETROIT

Detroit Graphite Co, 10, 12th st..... West 2191
Trus-Con Laboratories The, Caniff & G T R R..... Hemlock 2727

NEW JERSEY

NEWARK

Latter Paint Company, 11 of Chester av ..... Branch Brook 6100

NEW YORK

ALBANY

Proctor & Dow, 20 Grand..... Main 679

NEW YORK CITY

Amalgamated Paint Company, Pier 11 North River ..... Rector 3086
Cheesman & Elliot, 100 William ..... John 4568
Childs Charles M & Co Inc, 41 Summit, Bklyn ..... Hamilton 1413
Debevoise Co The, 968 Grand Bklyn..... Stagg 771
Montauk Paint M'f'g Co, 170-172, 2d av, Bklyn ..... South 5076
Patton Paint Company, Woolworth bldg.. Barclay 7823

OHIO

CINCINNATI

Foy Paint Co The, Gilbert av & Eden Park Entrance ..... Canal 492
Johnston R F Paint Co The, se cor Pearl and Main ..... Main 4170
Mamolith Carbon Paint Co The, se cor 2d and Main ..... Main 472

CLEVELAND

Vaughan Paint Co The, Columbus rd and Big 4 ..... Main 5043

PENNSYLVANIA

JOHNSTOWN

Cambria Paint & Color Co, Bell-Johnstown 481
Messenger & B & O R R..... City 1044

PHILADELPHIA

Nice Eugene E, 268-74 S 2nd ..... Bell-Lombard 1877 Keystone-Main 4577

WISCONSIN

MILWAUKEE

Patton Paint Company, Lake & Barclay. Hanover 226

PAINTS (PAINTRS OIL & ROOFRS PAINT, BLACK & COPPER RED)

PENNSYLVANIA

ALLENTOWN

Garnet Co The, New Greenleaf & L V RR..... Bell-Allentown-1426 Consolidated-3605

PAINTS, ASPHALT

ILLINOIS

CHICAGO

Heppes-Nelson Roofing Co The, 4500 Fillmore ..... Kedzie 2365

PAINTS—ASPHALTUM

NEW YORK

NEW YORK CITY

Asphaltum & Chemical Products Co The, 233 Bway ..... Barclay 7924
See our Catalog Space, page 930

PAINTS, COLD WATER—FIRE RETARDING, SANITARY

ILLINOIS

CHICAGO

Monarch Cold Water Paint Co Not Inc, 322 N Ashland av ..... West 1351

PAINTS AND ENAMEL MAKERS

ILLINOIS

CHICAGO

Bradley & Vrooman Co, 2332 S Dearborn. Calumet 693

INDIANA

VALPARAISO

Parker C H Co, Poplar & Locust sts... Valparaiso 116

MICHIGAN

FLINT

Flint Varnish & Color Works..... Flint 1250

PAINTS, FIRE-RESISTING

IOWA

FT DODGE

Pyrolin Co The (Pyrolin), 1st Natl Bank bldg ..... Ft Dodge 189

PAINTS, GLASS AND OILS

MISSOURI

KANSAS CITY

Kansas City Paint & Glass Co, 604 Independence av ..... Bell-Main 4171 Home-Main 9171

PAINTS, GLASS AND OILS—WHOLESALE

INDIANA

INDIANAPOLIS

Baldwin Paint & Supply Co The, 246-248 Massachusetts av..... Bell-Main 6654 Automatic 28-521

PAINTS, GRAPHITE

MICHIGAN

SAGINAW

United States Graphite Co The..... Saginaw 71

PAINTS & LUBRICATING OILS

OHIO

CLEVELAND

American Oil & Paint Co The, 5511 Euclid av ..... Rosedale 2562-J

PAINTS, MFG. AGT. RAW MTRLS PT, VARNISH & SCRAP TRADES

ILLINOIS

CHICAGO

Haines E H, 155 N Clark..... Central 2545

PAINTS, MNFRS. AND WHOLESALE DEALERS

ILLINOIS

CHICAGO

Wadsworth-Howland Co, 225 N Carpenter. Monroe 2524

PAINTS, METAL PRESERVERS AND ENAMELS

ILLINOIS

CHICAGO

Union Insulating Co, 20 W Jackson bl... Harrison 1848

PAINTS AND OILS

TEXAS

BEAUMONT

Wilson E L Hardware Co, 339 Pearl ..... Old Beaumont 29 / New Beaumont 29

PAINTS (SPECIAL) AND OILS

OHIO

CLEVELAND

Standard Linseed Co, Willey av and Big 4 RR ..... Bell-Harvard 2436 / Ohio State-Central 3963

PAINTS—SPECIAL FOR MNFRS.

ILLINOIS

CHICAGO

Nubian Paint & Varnish Co, 1856 LeClaire av ..... Albany 4214

PAINTS, VARNISH AND ENAMEL MFRS.

ILLINOIS

CHICAGO

Denny Hilborn & Rosenbach, McCormick bldg ..... Harrison 1815

NEW YORK

NEW YORK CITY

Denny Hilborn & Rosenbach, 1226 Vyse ..... Intervale 4231

OHIO

DAYTON

Kay & Ess Co The, Leo and Kiser ..... East 2081

PENNSYLVANIA

PHILADELPHIA

Denny Hilborn & Rosenbach, 230-34 N 12th ..... Bell-Locust 4240 / Keystone-Race 830

PAINTS, VARNISH & WATER-PROOFING COMPOUNDS

NEW YORK

NEW YORK CITY

Imperial Paint Co 76-80 Tenth L I C ..... Hunters Pt 1063

PENNSYLVANIA

PHILADELPHIA

Imperial Paint Co, 1526 Sansom ..... Spruce 5264

PAINTS AND VARNISHES

MISSOURI

KANSAS CITY

Westgate Paint Co, 608-610 Broadway ..... Bell-Main 7178 / Home-Main 7178

NEW JERSEY

CAMDEN

Clement Coverall Co, 615-628 Van Hook ..... Camden 1538

OHIO

WADSWORTH

Whitlam J C Mfg Co, West Walnut & Erie R R ..... Wadsworth 324

PAINTS AND VARNISHES, MANUFACTURERS

OHIO

TOLEDO

Buckeye Paint & Varnish Co, 15th and Lucas ..... Bell-Main 788 / Ohio State-Main 7190

PAINTS, VARNISHES, STAINS, ENAMELS

ILLINOIS

CHICAGO

Lowe Brothers Co The, 1052 W 37th ..... Drover 1481

MASSACHUSETTS

BOSTON

Lowe Brothers Co The, 23 Farnsworth ..... Fort Hill 1811

MINNESOTA

MINNEAPOLIS

Lowe Brothers Co The, 330-334 N First ..... Nicollet 3691

MISSOURI

KANSAS CITY

Lowe Brothers Co The, 1217 W 9th ..... Main 6127

NEW JERSEY

JERSEY CITY

Lowe Brothers Co The, 54 Hudson ..... Jersey City 589

NEW YORK

NEW YORK CITY

Lowe Brothers Co The, 101 Park av ..... Murray Hill 9381
Montauk Paint Mfg Co, 170-172, 2nd av Bklyn ..... South 5076

OHIO

DAYTON

Lowe Brothers Co The, 450-452 E 3d ..... Bell-Main 33 / Ohio State 6420

PAINTS & WATER PROOFING

COLORADO

DENVER

Western Elaterite Roofing Co The (Elaterite) Equitable bldg ..... Main 2575

PAJAMAS & NIGHTIES

NEW YORK

NEW YORK CITY

Maxwell T J & Co, 200 Fifth av ..... Gramercy 4462

PEEKSKILL

Maxwell T J & Co, ... Peekskill 456-J

PANEL BOARDS

ILLINOIS

CHICAGO

Benjamin Electric Mfg Co, 120-128 S Sangamon ..... Monroe 6161

MISSOURI

ST LOUIS

Wurdack Wm El Mfg Co, 23 S 11th ..... Bell-Olive 3457 / Kinloch-Central 3976

PANS—VACUUM

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester ..... Oxford 40

NEW YORK CITY

Gerdes & Company Inc. (Single Multiple-Copper Iron) 28 Church ..... Cortland 7673

PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson Elliott & Tyler & Sou Ry ..... Main 1163

NEW YORK

NEW YORK CITY

Fougera E & Co Inc (Prat-Dumas French Filtering Paper) 90 Beekman ..... Beekman 1170

OHIO

CLEVELAND

Globe Paper Co The, 703 Boliver rd ..... Bell-Main 2121 / Ohio State-Central 241

PAPER (ADDING MACHINE AND CASH REGISTER ROLLS)

INDIANA

NORTH MANCHESTER

International Roll Paper Co, College ..... N Manchester 193

PAPER (ALL KINDS)

OHIO

CLEVELAND

Union Paper & Twine Co, St Clair av N W ..... Main 6360

PAPER (BOND)

MICHIGAN

KALAMAZOO

Rex Paper Co, Lincoln av ..... Kalamazoo 4512

PAPER (BOOK)

MICHIGAN

KALAMAZOO

King Paper Co ..... Kalamazoo 3476

PAPER (BOX BOARDS)

ILLINOIS

CHICAGO

La Boiteaux C L Co, Transportation bldg ..... Harrison 4431

NEW YORK

NEW YORK CITY

La Boiteaux C L Co, Fifth av bldg ..... Gramercy 6034
Smeallie & Voorhees, 200 Fifth av ..... Gramercy 494

OHIO

CINCINNATI

LaBoiteaux C L Co, First Natl Bank bldg ..... Main 1088

CLEVELAND

La Boiteaux C L Co, Guardian bldg ..... Main 3030

PAPER (BOX PAPERS, GLAZED)

NEW JERSEY

CAMDEN

Locke E G Mfr Ninth Bailey and Erie ..... Bell-Camden 236 Keystone-Camden 236

PAPER AND CARDBOARD

PENNSYLVANIA

PHILADELPHIA

Penn Card & Paper Co Inc, 20 N 6th ..... Bell-Market 1972 Keystone-Main 4435

PAPER (COATED)

MICHIGAN

KALAMAZOO

King Paper Co ..... Kalamazoo 3476

PAPER (COLORED ENAMELED WATERPROOF)

NEW JERSEY

CAMDEN

Locke E G Mfr, Ninth, Bailey and Erie ..... Bell-Camden 326 Keystone-Camden 236

PAPER (CORRUGATED AND INDENTED FELT)

OHIO

SANDUSKY

Inde & Dauch Paper Co The, 194 West Water ..... Bell-Main 720 Ohio State 199

PAPER (CREPE)

NEW YORK

NEW YORK CITY

ry Paper Co Inc, 131-133 Grand av Bklyn ..... Prospect 6477

PAPER (DAMP & RUST PROOF)

NEW YORK

NEW YORK CITY

na Paper Supply, 399 W Bway ..... Canal 3755

PAPER (DEALERS)

CONNECTICUT

HARTFORD

denmeyr Henry & Sons, 530 Asylum ... Charter 7600

ILLINOIS

CHICAGO

mingham & Prosser Co, 10 S Lasalle ... Main 1123
mingham & Seaman Co, 208 S Lasalle. Harrison 5586
See our Catalog Space, page 990
alle Paper Co, 187 N Dearborn ..... Randolph 3640
argee-Hare Paper Co, 327 S LaSalle. Harrison 2660
See our Catalog Space, page 991
man Paper Co, 208 S LaSalle ..... Harrison 5586
See our Catalog Space, page 990
taker Paper Co The, Continental & Commercial Bank bldg ..... Harrison 6594

INDIANA

INDIANAPOLIS

taker Paper Co The, Board of Trade bldg. Main 7289

KENTUCKY

LOUISVILLE

Chatfield & Woods Co The (S A Johnson), Columbia bldg ..... Main 949-A
Whitaker Paper Co The, Paul Jones bldg ... Main 540

MARYLAND

BALTIMORE

Whitaker Paper Co The, Smith Dixon Co Division, 415 Guilford av ..... Mt Vernon 3660

MASSACHUSETTS

BOSTON

Carter John & Co Inc, 100 Federal ..... Fort Hill 1028

MICHIGAN

DETROIT

Chatfield & Woods Co The (H C Langdon), Buhl blk ..... Main 4246

WEST DETROIT

Whitaker Paper Co The, 50 Larend ..... Cadillac 4740

MINNESOTA

MINNEAPOLIS

Leslie John Paper Co The, 301, 5th S ... Bell-Main 4424 Tri State 33361
Minneapolis Paper Co, 400, 5th S ..... Bell-Main 5800 Tri State 37661
Seaman Paper Co, Andrus bldg ..... Bell-Nicollet 2483 Tri State 33575
See our Catalog Space, page 990

ST PAUL

Donahower Leslie Co, 230-240 E 9th ..... Bell-Cedar 307 Tri State 25836
Nassau Paper Co, 310-314 Minnesota ..... Bell-Cedar 8178 Tri State 23747
Seaman Paper Co, Pioneer bldg ..... Bell-Cedar 8146 Tri State 24026
See our Catalog Space, page 990
Wright Barrett & Stilwell Co, University and Hampden ..... Bell-Midway 4800 Tri State 82961

MISSOURI

ST LOUIS

Bermingham & Seamen Co, 406-410 S 4th ..... Bell-Central 6488 Olive 4925
See our Catalog Space, page 990
Seaman Paper Co, 406-410 S 4th ..... Bell-Central 6488 Olive 4925
See our Catalog Space, page 990

NEW JERSEY

NEWARK

Lindenmeyr Henry & Sons, 32 Clinton ... Market 9360

NEW YORK

BUFFALO

Seaman Paper Co, Marine Natl Bank bldg .. Seneca 4584
See our Catalog Space, page 990
Union Paper & Twine Co, Brisbane bldg ... Seneca 4078

NEW YORK CITY

Auer & Twitchell, 14-16 Waverly pl ..... Spring 4777
Bauer Richard, 310-312 Church ..... Franklin 3610
Bermingham & Prosser Co, 501, 5th av. Murry Hil 3960
Bishop Paper Co Inc, 545 Pearl ..... Worth 230
Conrow Bros, 114 Worth ..... Worth 1963
Elish H M & Co, 47 Great Jones ..... Spring 131
Hallahan W S Paper Co (Typewriter Papers, Manifold Papers, Second Sheets, Light Weight Papers a Specialty), 115 Worth ..... Franklin 298
Howell, Walter H, (Paper Twine & Boards, Quality and Service) 51 Leonard .. Franklin 546
Lindenmeyr Henry & Sons, 32-34-36 Bleecker 16 and 18 Beekman ..... Spring 9600 Beekman 1400
Manhattan Paper Co, 70 Wooster ..... Spring 9392
Roe Paper Co, 69 Worth ..... Franklin 1736
Seaman Paper Co, 200, 5th av ..... Gramercy 5330
See our Catalog Space, page 990
Textile Paper Co Inc, 13-21 Park Row .. Barclay 8190
Whitaker Paper Co The, Astor Trust bldg, 501, 5th av ..... Vandrbilt 3388

ROCHESTER

Myers R M & Co, 27-29 Exchange ..... Bell-Main 298 Rochester-Stone 298

OHIO

CINCINNATI

Anchor Paper Co The, ne cor 2d and Walnut. Main 2673
Browne & Stuart Co The, Neave bldg ..... Main 1122
Chatfield & Woods Co The, Third and Plum. Main 953
Diem & Wing Paper Co The, Gilbert av Viaduct ..... Canal 2163
Fishwick A B, 528 Walnut Commercial Trib bldg ..... Canal 804
Herrlinger & Company, 210 Walnut ..... Main 826
Momberg Albrecht Paper Co The, 513 Bway Canal 5696
Whitaker Paper Co The, Eggleston, 6th and Lock ..... Canal 4120

COLUMBUS

Whitaker Paper Co The, Columbus Arcade bldg ..... Main 7202

DAYTON

Chatfield & Woods Co The (George R Scallan), Davies bldg ..... Main 1275
Whitaker Paper Co The, Reibold bldg, Arcade. Main 8731

PENNSYLVANIA

PHILADELPHIA

Auer & Twitchell, 841 Chestnut ..... Bell-Walnut 918 Keystone-Main 1691
Megargee-Hare Paper Co, 12 S 6th .. Bell-Market 1711 Keystone-Main 4100
See our Catalog Space, page 991
Seaman Paper Co, Land Title bldg ..... Spruce 941
See our Catalog Space, page 990
Whiting-Patterson Co (Paper for every purpose, Envelope Manufacturers) 314-322 N 13th st ..... Bell-Locust 546 Keystone-Race 3567

PITTSBURGH

Chatfield & Woods Co The, 338, 3d av ..... Court 1310
Whitaker Paper Co The, Jenkins Arcade bldg ..... Court 2559

TENNESSEE

NASHVILLE

Chatfield & Woods Co The (James A Grundy), Stahlman ..... Main 192

WISCONSIN

MILWAUKEE

Seaman Paper Co, First Nat Bank bldg ..... Main 1060
See our Catalog Space, page 990

PAPER (DEALERS)—(ALL KINDS)

INDIANA

INDIANAPOLIS

Indiana Paper Company, 27-29 E Maryland ..... Bell-Main 281 Automatic 27351

NEW YORK

NEW YORK CITY

Doty & Scrimgeour Sales Co, 74 Duane ... Worth 5395

PAPER (DEALERS) (BOARDS, GLUES AND GELATINES)

NEW YORK

NEW YORK CITY

Hewitt C B & Bros, 48 Beekman ..... Beekman 3720

PAPER (DEALERS) (TISSUE)

NEW YORK

NEW YORK CITY

American Paper Products Co, 650 W 171st ..... Audubon 5002

PAPER (DEALERS—WHOLESALE)

OHIO

MIDDLETOWN

Robbins Sabin Paper Co The ..... Middletown 1491

PAPER (DEALERS AND MANUFACTURERS)

GEORGIA

ATLANTA

Atlanta Paper Company ..... Main 721

PAPER (DLRS. & MFRS. OF ANY QUALITY FOR WRAPPING)

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

PAPER (ENVELOPE)

MICHIGAN

KALAMAZOO

Rex Paper Co, Lincoln av.....Kalamazoo 4512

PAPER (EXPORT)

NEW YORK

NEW YORK CITY

Kern Commercial Company (News and Book Printing-Writing-Wrapping), 114 Liberty....Rector 4713

PAPER (FOR PRINTERS AND PUBLISHERS)

ILLINOIS

CHICAGO

Moser Paper Co, 621-631 Plymouth ct....Wabash 2718

OHIO

DAYTON

Mead G H Co The, City National Bank bldg.Main 2383

PAPER (GLAZED CHOCOLATE DIPPING)

NEW JERSEY

CAMDEN

Locke E G Mfr, Ninth, Bailey and Erie.....Bell-Camden 236 Keystone-Camden 236

PAPER (GUMMED)

WISCONSIN

MILWAUKEE

Rexford Gummed Tape Co, 598 Clinton..Hanover 314

PAPER (MACHINE FINISH AND SUPER CALENDERED BOOK)

MICHIGAN

KALAMAZOO

Rex Paper Co, Lincoln av.....Kalamazoo 4512

PAPER (MANUFACTURERS)

CALIFORNIA

SAN FRANCISCO

LaMonte George & Son, First National Bank bldg .....Garfield 946

CANADA

TORONTO, ONTARIO

LaMonte George & Son, 819 Carlaw av....Gerard 1948

ILLINOIS

CHICAGO

Bermingham & Prosser Co, (Paper and Cardboard of all Kinks) 10 S Lasalle..Main 1123
Bermingham & Seaman Co, 208 S LaSalle.Harrison 5586
See our Catalog Space, page 990
LaMonte George & Son, First Natl Bank bldg 38 S Dearborn .....Randolph 1113
Menasha Paper Co, 28 E Jackson bl.....Harrison 5499
Seaman Paper Co, 208 S LaSalle.....Harrison 5586
See our Catalog Space, page 990

MICHIGAN

KALAMAZOO

Bermingham & Prosser Co (Paper and Cardboard of all Kinds) 402-404 East Kalamazoo .....Kalamazoo 3510

ST. JOSEPH

Mullen Bros Paper Co .....St Joseph 2154
See our Catalog Space, page 993

MISSOURI

ST LOUIS

LaMonte George & Son, 3d Natl Bank bldg..Olive 189

NEW YORK

BUFFALO

Seaman Paper Co, Marine Natl Bank bldg.Seneca 4584

NEW YORK CITY

Auer & Twitchell, 14-16 Waverly pl.....Spring 4777
Bermingham & Prosser Co, (Paper and Cardboard of all Kinds) 501, 5th av...Murry Hil 3960
LaMonte George & Son, 61 Broadway.....Rector 7780
Lehigh Paper Mills Inc, (Creped Toilet Paper, Paper Towels, Anti-Tarnish Creped Hand Rolls, Dental Specialties) 41 Park Row .....Cortland 1444
O'Meara Maurice Co, 448 Pearl.....Worth 50
See our Catalog Space, page 993
Seaman Paper Co, 200, 5th av.....Grameroy 5330
See our Catalog Space, page 990

PENNSYLVANIA

PHILADELPHIA

Auer & Twitchell, 841 Chestnut Bell-Walnut 918 .....Keystone-Main 1691
Seaman Paper Co, Land Title bldg.....Spruce 941
See our Catalog Space, page 990

PAPER (MNFRS. EMBOSSED GLASSINE AND ONION SKIN)

INDIANA

HARTFORD CITY

Hartford City Paper Co, 100 Spring..Hartford City 36

PAPER (MFRS., GLAZED PRESS, JACQUARD CARDS)

CONNECTICUT

WINDSOR

Merwin Paper Co.....Windsor 91

PAPER (MNFRS. GREASE PROOF AND GLASSINE)

INDIANA

HARTFORD CITY

Hartford City Paper Co, 100 Spring..Hartford City 36

PAPER (MNFRS. MANIFOLD AND ONION SKIN)

INDIANA

HARTFORD CITY

Hartford City Paper Co, 100 Spring..Hartford City 36

PAPER (MNFRS., TISSUE, COVER AND MANIFOLD LINES)

CONNECTICUT

WINDSOR LOCKS

Dexter C H & Sons Inc.....Windsor Locks 140

PAPER (MIMEOGRAPH)

MICHIGAN

KALAMAZOO

Rex Paper Co, Lincoln av.....Kalamazoo 4512

PAPER (OFFSET)

MICHIGAN

KALAMAZOO

King Paper Co.....Kalamazoo 3476
Rex Paper Co, Lincoln av.....Kalamazoo 4512

PAPER (PAPER BAGS, CORDAGE AND SUPPLIES)

INDIANA

FORT WAYNE

Fisher Bros Paper Co, 118-22WColumbia.Ft Wayne 33

PAPER (PRINTING & WRITING)

ILLINOIS

CHICAGO

Paper Mills Co The, 517 S Wells.....Harrison 8000

PAPER (STENCIL, PLAIN AND OIL BOARD)

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co, 52 Ideal blk.....Bell 162
See our Catalog Space, page 1010

PAPER (STENCIL, PLAIN AND OILED)

MISSOURI

ST LOUIS

Diagraph Stencil Machine Corp, 902 Clinton.Tyler 2798
See our Catalog Space, page 1010

NEW YORK

NEW YORK CITY

Diagraph Stencil Machine Corp, 96 Warren.Barclay 5187
See our Catalog Space, page 1010

PENNSYLVANIA

PHILADELPHIA

Decker Geo C, 15-17 S Third st.....Lombard 140

PAPER (SURFACE COATED, GLAZED AND FANCY)

NEW JERSEY

CAMDEN

Locke E G Mfr, Ninth, Bailey and Erie.....Bell-Camden 236 Keystone-Camden 236

PAPER (TOILET)

NEW YORK

NEW YORK CITY

Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433

PAPER (TWINE) MANUFACTURERS

PENNSYLVANIA

PHILADELPHIA

Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918 .....Keystone-Main 1691

PAPER (VEGETABLE PARCHMENT)

ILLINOIS

CHICAGO

Kalamazoo Vegetable Parchment Co, Railway Exchange ..... Harrison 5798

MICHIGAN

KALAMAZOO

Kalamazoo Vegetable Parchment Co... Kalamazoo 537

NEW YORK

NEW YORK CITY

Kalamazoo Vegetable Parchment Co, 200 Fifth av ..... Gramercy 5897

PAPER (WAXED)

ILLINOIS

CHICAGO

Kalamazoo Vegetable Parchment Co, Railway Exchange ..... Harrison 5798

MICHIGAN

KALAMAZOO

Kalamazoo Vegetable Parchment Co... Kalamazoo 537

NEW YORK

NEW YORK CITY

Kalamazoo Vegetable Parchment Co, 200 Fifth av ..... Gramercy 5897

PAPER (WAXED BREAD WRAPPERS)

MICHIGAN

KALAMAZOO

aniwax Paper Co, 312 N Park..... Kalamazoo 959

PAPER—(WHITE AND COLORS)

NEW YORK

WATERFORD

ilbert Frank Paper Co, Kings Canal.. Waterford 183
See our Catalog Space, page 992

APER (WHITE GLAZED WATERPROOF)

NEW JERSEY

CAMDEN

cke E G, Mfr Ninth, Bailey and Bell-Camden 236
Erie ..... Keystone-Camden 236

APER (WRAPPING—MANUFACTURERS)

INDIANA

EVANSVILLE

ke Ferdinand Sons (Rag-Wrapping Paper our Specialty), Ohio 6th av & 7th av.... Evansville 688

APER (WRAPPING AND PRINTING)

MICHIGAN

DETROIT

pe-Stevens Paper Co, 555 W Fort..... West 1500

PAPER (WRITING)

MICHIGAN

KALAMAZOO

King Paper Co, ... Kalamazoo 3476
Rex Paper Co, Lincoln av..... Kalamazoo 4512

PAPER BAG MACHINERY

NEW YORK

NEW YORK CITY

Potdevin Machine Co, 253, 36th Bklyn... Sunset 5181

PAPER BAG MANUFACTURERS

ALABAMA

BIRMINGHAM

Advance Bag Co The (Birmingham Paper Company), 2101 Ave E..... Main 273

ILLINOIS

CHICAGO

Advance Bag Co The, (W J Henry Agt) 344 N Canal ..... Franklin 1160

LOUISIANA

NEW ORLEANS

Advance Bag Co The (Thos S Booker), Whitney Central bldg ..... Main 1133

MARYLAND

BALTIMORE

Advance Bag Co The, (L K Mallinckrodt, Agt) 115 Commerce ..... St Paul 2460

MASSACHUSETTS

BOSTON

Advance Bag Co The, (F W Peterschen, Agt) 201 Devonshire..... Main 1456

MISSOURI

KANSAS CITY

Advance Bag Co The, (H J Cole & Co) Grand av ..... Temple Main 1810

ST LOUIS

Advance Bag Co The, (H J Cole & Co) 1508 Wright bldg..... Olive 2620

NEW YORK

NEW YORK CITY

Miller Tompkins & Co, 487 Washington.... Canal 9075
Republic Bag & Paper Co, 200, 5th av.. Gramercy 4720

OHIO

CINCINNATI

Advance Bag Co The (Albert Selbert, Agt) Union Trust bldg..... Main 3899
Diem & Wing Paper Co The, Gilbert av Viaduct ..... Canal 2163
U S Paper Goods Co The, 1224-48 W 8th... West 2206

MIDDLETOWN

Advance Bag Co The, 155-57 North Broad ..... Middletown 181
Raymond Bag Co The, 410 E 6th..... Middletown 727

TEXAS

DALLAS

Advance Bag Co The, (John A Fisher, Agt) 2014 N Lamar..... Main 2325

PAPER BAG MANUFACTURERS AND PRINTERS

NEW YORK

NEW YORK CITY

Clark Bros, 62 Vesey..... Cortland 7278

PAPER BAG MNFRS. FOR LIME, CEMENT, PLASTER, ETC.

OHIO

TOLEDO

Urschel Bates Valve Bag Co The, 3440 Bell-Main 6837
3444 Summit av..... Ohio State-Main 5109

PAPER BAGS & FLOUR SACKS

OHIO

CINCINNATI

Chatfield & Woods Co The, Third and Plum. Main 955

PAPER BAGS, FOR ALL USES

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott and Tyler & Son Ry..... Main 1163

PAPER BAGS, GLASSINE, AND TO ORDER

NEW JERSEY

NEWARK

Miller Brothers Co The, 216-228 High ..... Branch Brook 1575

PAPER BAGS, LAUNDRY

ILLINOIS

CHICAGO

Jones Owen R, 20 E Jackson bl..... Wabash 4115

MICHIGAN

DETROIT

Frank L C, 46 Jefferson av..... Main 654

OHIO

CINCINNATI

Waks Mfg Co, United Bk bldg..... Main 4138

PAPER BAGS, MOTH-PROOF

ILLINOIS

CHICAGO

Jones Owen R, 20 E Jackson bl..... Wabash 4115

MICHIGAN

DETROIT

Frank L C, 46 Jefferson av..... Main 654

OHIO

CINCINNATI

Waks Mfg Co, United Bk bldg..... Main 4138

PAPER BALERS

IOWA

DAVENPORT

Woodall Works The, Indian Road and Clark ..... Davenport 6869-W

PAPER BALING PRESSES

PENNSYLVANIA

PHILADELPHIA

Garrett Sylvester S & Co, 259 S Third... Lombard 3226

PAPER BOTTLE WRAPPERS

OHIO

SANDUSKY

Hinde & Dauch Paper Co The, 194 W Water ..... Bell-Main 720, Ohio State 199

PAPER BOX & BOOKBINDERS MACHINERY

NEW YORK

NEW YORK CITY

Alco Metal & Machine Co Inc, 16 Greene.... Canal 3963

PAPER BOX MACHINERY (AUTOMATIC)

MASSACHUSETTS

BOSTON

National Packaging Machinery Co, 172-180 Green Jamaica Plain..... Jamaica 420

PAPER BOXES

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry..... Main 1163

ILLINOIS

CHICAGO

Kroeck Paper Box Co, 220 Institute pl... Superior 7847
Randolph Box & Label Co, 843 W VanB.. Monroe 1677
Ritchie W C & Company, 412 S Green. Haymarket 4102
See our Catalog Space, page 987
Sefton Manufacturing Corporation, 1300 W 35th ..... Yards 1403
See our Catalog Space, page 988
Shoup A D Co, 1545 W 35th..... Drover 8307
Western Paper Box Co, 172 N Green..... Monroe 3099

INDIANA

FORT WAYNE

Fort Wayne Box Co..... Home-Ft Wayne 287, Bell-Ft Wayne 325

MINNESOTA

ST PAUL

Weinhagen Chas & Co, 480 Jackson..... Cedar 1055

STILLWATER

Smithson Paper Box Company, 321-27 S Main ..... Stillwater 402

MISSOURI

KANSAS CITY

National Paper Box Co, 20th and Tracy.... Grand 530

ST LOUIS

Holman Paper Box Co, 316-318 Clark av.... Main 2148

NEW JERSEY

TRENTON

Yard W F Box Co, 123-125 S Stockton.. Trenton 404-J

NEW YORK

BUFFALO

Cooper Paper Box Co, (Set-Up Boxes, Folding Cartons, Etc), 368 Sycamore..... Howard 67
Drescher Chas A, 495 Broadway..... Howard 416-W

MIDDLETOWN

Middletown Paper Box Co, 20-24 Union. Middletown 294

NEW YORK CITY

Bronx Paper Box Co, 972-974 Washington av ..... Melrose 5725
Shoup A D Co, 34 to 68, 34th, Brooklyn. Sunset 3295
United Paper Box Co of America, 38, 34th Brooklyn ..... Sunset 96

PENNSYLVANIA

LEBANON

Lebanon Paper Box Co, Cumberland st and P R R..... Bell-Lebanon 386, United 319

SCHUYLKILL HAVEN

Saul & Zang Inc, (Manufacturers of Fancy Paper Boxes; Candy and Holiday Dry Goods Boxes a Specialty, New York Office, 319 Canal st) ..... Schuylkill Haven 1

WISCONSIN

MILWAUKEE

Milwaukee Paper Box Co, Florida and Grove ..... Hanover 872
Schulz A Geo Co, 417-431 Clybourn..... Grand 3350

PAPER BOXES, CORRUGATED

ILLINOIS

CHICAGO

Sefton Manufacturing Corporation, 1300 W 35th ..... Yards 1403
See our Catalog Space, page 988

PAPER BOXES, CORRUGATED AND FIBRE

ILLINOIS

CHICAGO

Mid-West Box Co, 111 W Washington..... Main 4334
See our Catalog Space, page 926

INDIANA

ANDERSON

Mid-West Box Co,..... Main 406
See our Catalog Space, page 926

KOKOMO

Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926

MICHIGAN

DETROIT

Mid-West Box Co, Majestic bldg..... Cherry 1795
See our Catalog Space, page 926

MISSOURI

ST LOUIS

Mid-West Box Co, Continental Bk bldg.... Olive 1659
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Mid-West Box Co, Woolworth bldg..... Barclay 5591
See our Catalog Space, page 926

OHIO

CINCINNATI

Mid-West Box Co, Gwynne bldg..... Canal 1751
See our Catalog Space, page 926

CLEVELAND

Mid-West Box Co, 1133 E 152d..... Eddy 2780
See our Catalog Space, page 926

PENNSYLVANIA

PITTSBURGH

Mid-West Box Co, 525-26 Park bldg..... Grant 1629
See our Catalog Space, page 926

PAPER BOXES—EGG, ICE CREAM, BAKERS & CLOTHING

CONNECTICUT

WILLIMANTIC

S O S Box Co Inc, Moulton Court... Willimantic 481

PAPER BOXES, ENVELOPES, BAGS WITH STRING FASTENERS

NEW JERSEY

NEWARK

Miller Brothers Co The, 216-228 High ..... Branch Brook 1575

PAPER BOXES & FILING BOXES

MISSOURI

ST LOUIS

Advance Paper Box Co, 21st and Pine ..... Bell-Bomont 2140, Kinloch-Central 2859

PAPER BOXES, FOLDING

COLORADO

DENVER

Chicago Carton Company (T A Dixon Co, Rep), 1526 Blake ..... Champa 645
See our Catalog Space, page 989

ILLINOIS

CHICAGO

Chicago Carton Company, 4433 Ogden av. Lawndale 906
See our Catalog Space, page 989
Imperial Box Co, 1403 W Congress..... Haymkt 5900
Randolph Box & Label Co, 843 W VanB.. Monroe 1677
Sefton Manufacturing Corporation, 1300 W 35th ..... Yards 1403
See our Catalog Space, page 988

INDIANA

INDIANAPOLIS

Bee-Hive Paper Box Co, 617-625 S Delaware ..... Bell-Prospect 1691, Automatic 21-691

MISSOURI

ST LOUIS

Chicago Carton Company, (Julian Maas, Rep), Chemical bldg ..... Bell-Olive 4921, Kinloch-Central 1521
See our Catalog Space, page 989

NEW YORK

NEW YORK CITY

International Paper Box Co, (Manufacturers of all kinds of folding paper boxes and paper butter dishes) 398-400 S 2d Bklyn.... Stagg 1050, Stagg 1051
Myers J & P B Inc, 407 Broome..... Spring 3398

OHIO

DAYTON

Dayton Paper Novelty Co The, 1126 East 3d ..... Bell-East 494, Ohio State 5494
Gebhart Folding Box Co The, Callahan Power bldg ..... Main 9642

UTAH

SALT LAKE CITY

Chicago Carton Company (Paul J Dixon, Rep), Felt bldg ..... Wasatch 8633
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WISCONSIN

MILWAUKEE

Federal Folding Box Co, 100 George..... Lincoln 627

PAPER BOXES, FOLDING, CANDY & CLIMAX

MASSACHUSETTS

LEOMINSTER

Whitney & Company, 141 Water..... Leominster 52

PAPER BOXES FOLDING, PARAFFINED & PLAIN

MISSOURI

ST LOUIS

Doane Carton Co, 912-22 North Mar[illegible]

PAPER BOXES, FOLDING & SET UP

MINNESOTA

DULUTH

Duluth Paper Box Co, 122-124 W 2d ..... Bell-Melrose 1259 Zenith-Grand 966

MINNEAPOLIS

Heywood Manufacturing Co, 5th av N & 3d ..... Bell-Nicollet 6692 Tri State 38341

ST PAUL

Mullery Paper Box Co, 471-73 ..... Bell-Cedar 777
Temperance ..... Tri State 25877

PAPER BOXES, FOLDING & SET UP BOXES, PRINTING

MINNESOTA

ST PAUL

Kaplan-Shadur Paper Box Co, 130 S Wabasha ..... Bell-Robie 136 Tri-State 22216

PAPER BOXES, FOLDING, SET-UP (MFRS.) PRINTING

MINNESOTA

MINNEAPOLIS

Flour City Paper Box Co, 121-123 Washington av N ..... Bell-Main 5050 Tri State 31991

PAPER BOXES, LARGE & SMALL

NEW YORK

NEW YORK CITY

American Leader Paper Box Co, 131-35 Prince ..... Spring 510

PAPER BOXES, MADE UP

ILLINOIS

CHICAGO

Illinois Paper Box Co, 1323-33 Carroll av. Monroe 5340

PAPER BOXES MNFRS.—ALL KINDS, FANCY & HOLIDAY

MISSOURI

ST LOUIS

Paper Box Co, 123 S 8th ..... Bell-Olive 3119
..... Kinloch-Central 4447

PAPER BOXES MNFRS. (SMALL SET-UP SPECIALTIES)

MISSOURI

ST LOUIS

Peel Paper Box Specialty Co, 1906 Pine ..... Bell-Bomont 1370 Kinloch-Central 1470

PAPER BOXES & PAPER BOARDS

MINNESOTA

ST PAUL

Dorf Paper Products Co, Hampden and Myrtle av ..... Bell-Midway 6110 Tri State 83050

PAPER BOXES—PAPER, PAPER BAGS, & TWINES

CONNECTICUT

NEW BRITAIN

Smith H H & Son, 119 Church ..... New Britain 706

PAPER BOXES, PARCEL POST EGG CONTAINERS

MINNESOTA

MINNEAPOLIS

Diamond Box Mfg Co, 912 Mary pl. . Bell-Main 3960
..... Tri State 34540

PAPER BOXES, SANITARY CONTAINERS & DRINKING CUPS

NEW YORK

YONKERS

Sanitary Paper Box Co Inc, 12 N Broadway ..... Yonkers 4788

PAPER BOXES—SET-UP

INDIANA

MICHIGAN CITY

Michigan City Paper Box Co, 314 E 5th. Mich City 651

PAPER CANS

ILLINOIS

CHICAGO

Kroeck Paper Box Co, 220 Institute pl... Superior 7847

NEW YORK

FULTON

Sealright Co Inc ..... Fulton 9

NEW YORK CITY

Advance Paper Tube & Can Mfg Co, 132-134 Greene ..... Spring 1509
Sealright Co Inc, 1123 Broadway ..... Farragut 9905

PAPER CLIPS & PIN TICKETS (MNFRS.)

NEW YORK

MT VERNON

Noesting Pin-Ticket Co Inc, 2-4 Wilson pl. Mt Vernon 3500

PAPER CONTAINERS

OHIO

CLEVELAND

Jennings Sanitary Milk Bottle Co The, 5115 Tillman ..... Edgewater 1025

PAPER CONTAINERS, WATER-PROOFED TUBS AND CUPS

NEW JERSEY

NEWARK

Mono-Service Company, Verona av & Oraton st ..... Branch Brook 4300
See our Catalog Space, page 935

PAPER CUTTERS & BAG HOLDERS

ILLINOIS

STERLING

Reed Evan L Mfg Co, 400 A ..... Main 613-R

PAPER CUTTING MACHINES

CONNECTICUT

MYSTIC

Standard Machinery Co, Water ..... Mystic 20

NEW YORK

NEW YORK CITY

Standard Machinery Co, 41 Park Row (Branch) ..... Cortland 1177

PAPER CUTTING MACHINES—MANUFACTURERS

OHIO

DAYTON

Seybold Machine Co The, Lome and Garst ..... Bell-Main 1149 Ohio State 3149

PAPER DRINKING CUPS AND PAPER NOVELTIES

NEW YORK

NEW YORK CITY

Lackner John Co, Bway and 7th av, Long Island City ..... Astoria 15

PAPER DRINKING CUPS—SANITARY

MASSACHUSETTS

BOSTON

Boston Drinking Cup Co, 161 Franklin ..... Main 1660

PAPER FASTENERS

CONNECTICUT

DERBY

Kelly F Co The, Housatonic av nr Park ..... Derby 179

PAPER FOLDING MACHINES

PENNSYLVANIA

PHILADELPHIA

Chambers Bros, 52d and Media ..... Belmont 258

PAPER HAT MANUFACTURER

RHODE ISLAND

PROVIDENCE

Goldshine Henry P, 128 N Main ..... Union 1118-R

PAPER HATS

ILLINOIS

CHICAGO

Favor Paper Wear Works, 81 W Lake .... Central 6399

PAPER ICE CREAM PAILS

ILLINOIS

CHICAGO

Ferguson-Lander Mfg Co, 418 S Clinton .. Wabash 6798

PAPER ICE CREAM & OYSTER PAILS

ILLINOIS

CHICAGO

Chicago Oyster Pail Co, 504 S Green .... Monroe 632

PAPER JOGGERS

MICHIGAN

BATTLE CREEK

Hart R A Mfg Co, 19 Wilson ct...Battle Creek 3140-J

PAPER LETTERS & FIGURES (GUMMED)

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway..Franklin 2411

PAPER MACHINERY, GLOBE CYLINDER, BLEACHING BOILERS

OHIO

AKRON

Biggs Boiler Works Co The, Seneca & Bank ....Bell-Main 5050 Ohio State 2121

PAPER MAKING MACHINERY—BEATING ENGINES

OHIO

DAYTON

Dayton Beater & Hoist Co, 26 North Canal .....Main 4172

PAPER MAKING MACHINERY FOURDRINIER AND CYLINDER

WISCONSIN

BELOIT

Beloit Iron Works..... Beloit 7

PAPER MILL SUPPLIES

ILLINOIS

CHICAGO

Mendelson Bros Paper Stock Co, 910 S Michigan av.....Harrison 2840

PAPER OYSTER PAILS

ILLINOIS

CHICAGO

Ferguson-Lander Mfg Co, 418 S Clinton...Wabash 6798

PAPER PACKING, BAGS AND COVERS

INDIANA

SHELBYVILLE

Kennedy Car Liner & Bag Co The.....Shelbyville 477

PAPER PAILS, OYSTER & ICE CREAM

OHIO

MIDDLETOWN

O K Paper Pail Co The, 7th & Campbell .....Middletown 59

PAPER PLATES & BOXES

OHIO

CLEVELAND

Union Paper & Twine Co, St Clair av N W...Main 6360

PAPER PULP MACHINERY

ILLINOIS

CHICAGO

Swenson Evaporator Co, Monadnock blk.Harrison 1252

PAPER RULING COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

PAPER RULING MACHINES

MASSACHUSETTS

SPRINGFIELD

Dewey F E & B A, 304 Plainfield.....River 6229

PAPER SACKS—ALL GRADES, PLN & PRNTD, FOR FLOUR, ETC.

OHIO

CINCINNATI

Chatfield & Woods Sack Co The, 3d & Plum.Main 953

PAPER SHREDDING MACHINES

ILLINOIS

CHICAGO

Blomfeldt & Rapp Co, 108-128 N Jefferson .....Monroe 3981

PAPER SPECIALTIES

NEW YORK

NEW YORK CITY

Paper Products Corporation of America (Finger Bowl Linings, "Tulip" Drinking Cups), 141-155 E 25th .....Mad Sq-1155

PAPER SPECIALTIES FOR HOTELS, RESTAURANTS & CATERERS

ILLINOIS

CHICAGO

Peele C D M Co The, 180 N Wabash av.Randolph 770

PAPER SPECIALTIES—SMALL ROLLS EVERY DESCRIPTION

INDIANA

NORTH MANCHESTER

International Roll Paper Co, College av .....N Manchester 193

PAPER STOCK

ILLINOIS

CHICAGO

Mendelson Bros Paper Stock Co, 910 S Michigan av.....Harrison 2840

MASSACHUSETTS

HOLYOKE

Barowsky Co, 66-90 Appleton.....Holyoke 1304-W

NEW YORK

NEW YORK CITY

American Waste Paper Co, (Cash Buyers, Waste Paper, Books, Rags) 70 Greene.Spring 6080
Maronna Chas & Co (Paper Stock, Old Metals and Rags), 330 37th, Bklyn....Sunset 5232
Mormando Nicholas & Co, (Cash Buyers, Waste Paper, Rags, Etc) 133 Crosby.Spring 6243
United Waste Paper Co, (Cash Buyers, Waste Paper, Books, Rags) 43 Crosby.Spring 8765

OHIO

CINCINNATI

Cohen Mose & Son, 524-28 Freeman av.....West 4397

MARYSVILLE

Wolfson L, 123 N Plum.....Marysville 375

PAPER STOCK—WHOLESALE

NEW YORK

FULTON

Alderman Isadore, 20 W Second.....Fulton 2242

PAPER TABLETS

PENNSYLVANIA

HUNTINGDON

Blair J C Co, 600 Penn st.....Huntingdon 280

PAPER TAPE GUMMED

OHIO

CINCINNATI

Waks Mfg Co, United Bk bldg.....Main 4138

PAPER, TOILET AND TOWELS FOLDED AND IN ROLLS

ILLINOIS

CHICAGO

Northern Paper Mills, 14 E Jackson bl..Harrison 8585

NEW YORK

NEW YORK CITY

Northern Paper Mills, 298 Broadway.....Worth 259

WISCONSIN

GREEN BAY

Northern Paper Mills, Madison and Bay.Green Bay 4470

PAPER TOWELS

ILLINOIS

CHICAGO

Paper Sales Company (Cel-U-Lo Brand) 230 W Huron .....Superior 8459

INDIANA

INDIANAPOLIS

Indiana Paper Co, 27-29 E Maryland...Bell-Main 281 .....Automatic 27331

NEW YORK

NEW YORK CITY

Clifton Chemical Co, 317-319 Greenwich..Worth 1680
Industrial Paper Co, 59 Beekman.....Beekman 3976
Linton & Scott, 110 W 40th.....Bryant 5474

OHIO

CINCINNATI

Chatfield & Woods Co The, 3d & Plum.....Main 953

CLEVELAND

Union Paper & Twine Co, St Clair av N W .....Edgewater 6360

PAPER—TRACINGS

PENNSYLVANIA

PHILADELPHIA

Rexim Company Inc, 908 Chestnut Bell-Walnut 3732
.....Keystone-Main 3420

PAPER TRADE DIRECTORY

ILLINOIS

CHICAGO

Darrow Printing Co, 633 Plymouth ct...Harrison 304

PAPER TRIMMING KNIVES—MNFRS.

MASSACHUSETTS

LAWRENCE

Bolton John W & Sons Inc (Eagle Knife & Bar Works) 9 Osgood.....Lawrence 818

OHIO

DAYTON

Simonds A A & Son Co The, Summit Bell-Fairview 264
and Negley pl .....Ohio State 2912

PAPER TUBE (MANUFACTURERS)

NEW YORK

NEW YORK CITY

dvance Paper Tube & Can Mfg Co, 132-34 Greene .....Spring 1509
uer & Twitchell, 14-16 Waverly pl.....Spring 4777
areco, 48-50 Watts.....Spring 8183

PENNSYLVANIA

PHILADELPHIA

uer & Twitchell, 841 Chestnut Bell-Walnut 918
.....Keystone-Main 1691
onsolidated Paper Tube Co, 810 Bell-Filbert 4254
Sansom .....Keystone-Main 1691

APER TUBE AND CAN MFRS.

MISSOURI

KANSAS CITY

tional Paper Box Co, 20th and Tracy....Grand 530

APER TUBE PRODUCTS

NEW YORK

NEW YORK CITY

ffman J C Inc, 8-12 Jones.....Spring 956

APETERIES

NEW YORK

NEW YORK CITY

ional Papeterie Company, 425 Broadway .....Murry Hil 3208

PAPIER MACHE

ILLINOIS

CHICAGO

American Art Papier Mache Works, 1405 Irving Pk blvd.....Irving 9423

PAPIER MACHE & THEATRICAL PROPS

NEW YORK

NEW YORK CITY

Unique Papier Mache Co, 331 W 44th...Bryant 2225

PARASOLS

NEW YORK

NEW YORK CITY

Shulman & Sons, (Children's, Misses, Better Grades, Lower Prices) 109-111 Ludlow.Orchard 5827

PARCEL POST BAGS FOR MAILING SAMPLES AND PARTS

CONNECTICUT

DANIELSON

Williamsville Buff Mfg Co, 24 School..Danielson 181

PARCEL POST & EXPRESS CARRIERS

COLORADO

DENVER

Chicago Carton Company (T A Dixon Co, Rep), 1526 Blake.....Champa 645
See our Catalog Space, page 989

ILLINOIS

CHICAGO

Chicago Carton Company, 4433 Ogden av.Lawndale 906
See our Catalog Space, page 989

MISSOURI

ST LOUIS

Chicago Carton Company (Julian Maas, Rep), Chemical bldg .....Bell-Olive 4921 Kinloch-Central 1521
See our Catalog Space, page 989

UTAH

SALT LAKE CITY

Chicago Carton Company (Paul J Dixon, Rep), Felt bldg .....Wasatch 8633
See our Catalog Space, page 989

PARCHMENT PAPER

NEW JERSEY

PASSIAC

Paterson Parchment Paper Co The, 39 Eighth .....Passaic 670

PARQUET FLOORS

ILLINOIS

CHICAGO

Dunfee J & Co, 38 N Franklin.....Main 1894

INDIANA

NEW ALBANY

Wood Mosaic Co.....Bell-New Albany 46
.....Independent 385

NEW YORK

NEW YORK CITY

Lancaster Parquet Floor Co The, 30 Boerum Pl Bklyn .....Main 3444
Unger Parquet Flooring Co Inc (Parquet and Hardwood Floors, Laid in any Thickness and Design. Old Floors scraped and renovated equal to new.) 207 E 85th.....Lenox 6045

OHIO

CLEVELAND

Cleveland Hardwood Floor Co, 245 Co- Bell-Main 5290
lonial Arcade .....Ohio State-Central 8256-K

PARTITIONS, BANK, STORE, & OFFICE FIXTURES

ILLINOIS

CHICAGO

Crampton Manufacturing Co, 1518 E 53d.Midway 784
Inter-Ocean Cabinet Co, 322-326 S Paulina.West 3319

PARTITIONS—WIRE AND IRON

ILLINOIS

CHICAGO

Page Steel & Wire Co, 175 W Jackson bl.Harrison 1197

MICHIGAN

ADRIAN

Page Steel & Wire Co.....Adrian 116

DETROIT

Page Steel & Wire Co, 660 Fort st W.....West 1621

NEW YORK

NEW YORK CITY

Page Steel & Wire Co, 30 Church.....Cortland 3541

PENNSYLVANIA

MONESSEN

Page Steel & Wire Co.....Pittsburg-Grant 1694

PITTSBURGH

Page Steel & Wire Co, 644 Union Arcade..Grand 4467

PASTE (MANUFACTURERS)

ILLINOIS

CHICAGO

Schweitzer Samuel, 660 W Lake.....Monroe 260
Western Paste & Gum Co, 2710 Throop...Drover 3897

NEW YORK

BUFFALO

Thoma R F Mfg Co, 179 Ellicott st...Seneca 3322-W

OHIO

COLUMBUS

Commercial Paste Co The, 533 S High Bell-Main 7222
.....Ohio State 4937

PENNSYLVANIA

PHILADELPHIA

Continental Mfg Co The Inc, 4615 Girard av .....Belmont 3562

WISCONSIN

MILWAUKEE

Wisconsin Paste Co, 62 Mason.....Main 3994

PASTE AND GLUE

MINNESOTA

MINNEAPOLIS

Bentley J W Co, 115 Plymouth av Bell-Nicollet 1341
.....Tri State 46728

PASTE, LIBRARY, MNFRS.

ILLINOIS

CHICAGO

Williamson Glue & Gum Works, 220-222 W Huron ..... Superior 8395

PASTE AND SIZING

NEW YORK

NEW YORK CITY

National Gum & Mica Co, 59th st & 11th av ..... Columbus 9700

PASTING MACHINES CONTAINER AND WALLBOARD

WISCONSIN

BELOIT

Beloit Iron Works ..... Beloit 7

PATENT ATTORNEYS

CALIFORNIA

LOS ANGELES

Berry R S, Grosse bldg ..... Main 6878

DISTRICT OF COLUMBIA

WASHINGTON

Bradford & Doolittle, Loan & Trust bldg ..... Main 3427
Brennan Daniel A, Pacific bldg ..... Franklin 4953
Potts Joshua R H, 805 "G" St N W ..... Main 2714

ILLINOIS

CHICAGO

Andrews Ernest J, 53 W Jackson bl ..... Harrison 468
Bain Foree & Cooke, Monadnock blk ..... Harrison 792
Banning & Banning, 140 S Dearborn ..... Central 1001
Brennan Daniel A, 36 W Randolph ..... Central 1463
Burton & Burton, 140 S Dearborn ..... Cetral 4096
Dyrenforth Lee, Chritton & Wiles, Marquette bldg ..... Central 6585
Fuller Walter M, Monadnock blk ..... Harrison 6620
Hall William L, 140 S Dearborn ..... Randolph 3134
Hill & Hill, Monadnock blk ..... Harrison 2710
Hills Charles W, Monadnock blk ..... Bell-Harrison 306 Automatic 64-813
Jacker Richard J, Monadnock blk ..... Wabash 6352
Jochum J H Jr, Marquette bldg ..... Central 3271
Jones, Addington, Ames & Seibold, 105 W Monroe ..... Randolph 45
King Florence, Monadnock blk ..... Wabash 5394
Lotz Rudolph Wm, 332 S Michigan av ..... Harrison 1808
Miehle & Miehle, 53 W Jackson bl ..... Harrison 5326
Miller Chindahl & Parker, Monadnock blk ..... Harrison 2854
Peirce Fisher & Clapp, 140 S Dearborn ..... Central 1648
Poole & Wann, 140 S Dearborn ..... Randolph 3396
Potts Joshua R H, 8 S Dearborn ..... Central 5560
Rummler & Rummler Tribune bldg ..... Central 3418
Sheridan Sheridan & Smith, 140 S Dearborn ..... Central 1137
Stark Michael J & Sons, Monadnock blk ..... Wabash 8360
Stevens, Milo B & Co, 53 W Jackson bl ..... Harrison 2554
Thomason Frank D, Tribune bldg ..... Central 6182
Wilkinson & Huxley, 38 S Dearborn ..... Randolph 1560

INDIANA

INDIANAPOLIS

Bradford & Doolittle, Fletcher Trust bldg ..... Bell-Main 1620 Automatic 21-620
Minturn & Woerner, K of P bldg ..... Main 1950

MASSACHUSETTS

BOSTON

Heard Smith & Tennant, Old South bldg ..... Main 3593
Rogers Clyde L, 60 Congress ..... Fort Hill 1111

MICHIGAN

DETROIT

Parker Raymond A, Moffat bldg cor Griswold & Fort ..... Main 310

MINNESOTA

MINNEAPOLIS

Williamson & Merchant Metropolitan Life bldg ..... Bell-Main 963 Tri State 34551

ST PAUL

Johnson H S, Germania Life bldg ..... Bell-Cedar 1126 Tri State 23725

MISSOURI

JOPLIN

Earnshaw G W, Frisco bldg ..... Home 850

KANSAS CITY

Brown Arthur C, Commerce bldg ..... Bell-Main 167 Home-Main 4645
Davis W F & Son, Gloyd bldg ..... Home-Main 383

ST LOUIS

Higdon & Higdon, Central National Bank bldg ..... Bell-Main 1806 Kinloch-Central 148
Small & Small, Federal Bank bldg Broadway and Pine ..... Olive 1782

NEW YORK

BUFFALO

Macomber Wm, 754 Ellicott Sq ..... Seneca 3629

NEW YORK CITY

Chapman Chas McC (Patent Suits prosecuted and defended. Interferences in Patent office conducted. Sewing Machine and Automobile Expert), 2 Rector ..... Rector 3162
Griffin James H (U S and Foreign Patents, Patent Litigation. Late Principal Examiner U S Patent Ofc) 277 Bway ..... Worth 1525
MacDonald & MacDonald, (Patents, Trade Marks, Copyrights, Litigation) Park Row bldg 15 Park Row ..... Barclay 7395
Mock & Blum (Chemical & Metallurgical Patents a specialty) 220 Broadway ..... Cortland 3352
Munn & Co, 233 Broadway ..... Barclay 8064
Reid Wm H, (Mechanical Engineer, Expert in patent causes), 21 Park Row ..... Barclay 8244
Seifert John O, 50 Church ..... Cortland 902
Winters F V, (American Patents. Don't patent anything until you get "My Instructions for Inventors." It may prevent a lifetime disappointment) 125 E 23d ..... Gramercy 2426

OHIO

CINCINNATI

Ramsey James N, Johnston bldg ..... Main 617
Schultz Patent Office, 511 Walnut ..... Canal 4432

CLEVELAND

Bates & Macklin, Society for Savings bldg ..... Main 5678
Donnelly W E & J J, Cuyahoga bldg ..... Main 1051
Hull Smith Brock & West, Illuminating bldg ..... Main 1700
Monroe Wm M, Engineers bldg ..... Main 4126

PENNSYLVANIA

PHILADELPHIA

Potts Joshua R H, 929 Chestnut ..... Walnut 630

YORK

Earll C I (Experienced Atty with A1 Mach Shop) 142 Susquehanna av ..... York 255-W

PATENT ATTORNEYS (TRADE-MARKS AND COPYRIGHTS)

MINNESOTA

MINNEAPOLIS

Whitely F A, First National Soo-Line bldg ..... Bell-Nicollett 3767 Tri State 31478

PATENT ATTYS & MECH. ENGRS, FOREIGN & DOMESTIC

MASSACHUSETTS

BOSTON

Lichtenstein David, 73 Tremont ..... Haymarket 3799

PATENT ATTORNEYS & MECHANICAL EXPERTS

PENNSYLVANIA

PHILADELPHIA

Freeman J Stuart (Inventors' Service for Patent Protection), 41 S 15th ..... Locust 448

PATENT ATTORNEYS & SELLERS AMERICAN PATENT MARKET

MINNESOTA

ST PAUL

Carlsen A M & Son Dispatch bldg ..... Bell-Cedar 1936 Tri State 24905

PATENT DRAWINGS

ILLINOIS

CHICAGO

Goethals Engineering Co, Monadnock blk ..... Wabash 6352
Libby Parrish & Huls, 327 S LaSalle ..... Harrison 384
See our Catalog Space, page 946
White & Kilroy, Monadnock blk ..... Harrison 5502

WISCONSIN

MILWAUKEE

Otto F A, 133, 2d ..... Grand 2504

PATENT EXPERTS

ILLINOIS

CHICAGO

Jacker Richard J, Monadnock blk ..... Wabash 6352
McElroy John Howard, Monadnock blk ..... Harrison 259

PATENT EXPERTS, CHEMICAL

ILLINOIS

CHICAGO

Deavitt H M, 209 S Lasalle ..... Wabash 7505

PATENT INSURANCE

ILLINOIS

CHICAGO

Patent Insurance Co, Monadnock blk ..... Wabash 6352

PATENT INVENTORS AND PERFECTORS IN SHEET METAL

ILLINOIS

CHICAGO

Doering O & Son Inc, 1375 W Lake ..... Monroe 921
National Stamping & Electric Works, 414-26 S Clinton ..... Wabash 3560

PATENT MEDICINES

ILLINOIS

CHICAGO

Big 4 Medicine Co, (Green Mountain "Salve" "Nervitone" "Digestone") 9 S Clinton ..... Franklin 5258

NEW YORK

NEW YORK CITY

Andron Hygienic Co, 120 W 32d ..... Farragut 4947

PATENT & TRADE MARK LAWYERS

MISSOURI

ST LOUIS

Longan E E, Central National Bank bldg ..... Olive 5102

PATENTS, TRADEMARKS & COPYRIGHTS

DISTRICT OF COLUMBIA

WASHINGTON

Evans Victor J & Co, 719 Ninth ..... Main 4827

NEW YORK

NEW YORK CITY

Evans Victor J & Co, Woolworth bldg....Barclay 6171

PENNSYLVANIA

PHILADELPHIA

Evans Victor J & Co, 1429 Chestnut.....Spruce 1535

PITTSBURGH

Evans Victor J & Co, Empire bldg.....Court 315

PATRIOTIC PICTURES

ILLINOIS

CHICAGO

Peoples Portrait & Frame Co, 2054 W Lake..West 3424

PATTERN CONSTRUCTORS FOR FOUNDRY USE

NEW YORK

NEW YORK CITY

ritz John F Inc, Pulitzer bldg.....Beekman 1041

PATTERN LETTERS & FIGURES (WHITE METAL)

OHIO

SPRINGFIELD

oblets J P, 135 E Liberty.....Ohio State 2583

PATTERN LETTERS & FIGURES, OR WOOD OR METAL PATTERNS

NEW YORK

NEW YORK CITY

nerican Casting & Mfg Corp, 28 Main Bklyn.Main 609

ATTERN LUMBER

ILLINOIS

CHICAGO

lcox Wilton E Lumber Co, Monadnock blk .....Harrison 2046

NEW YORK

TONAWANDA

ith, Fassett & Co, Michigan st.....Tonawanda 17

ATTERN MAKERS

ILLINOIS

CHICAGO

w Pattern Works, 2720 W Lake.....Seeley 392
mons & Hanum, 309-311 W 23d.....Calumet 2986
dde Edw C, 313 S Clinton.....Wabash 7169
ton James & Sons Co, 543 Orleans...Superior 1168
strom Oscar W, 558-562 W Randolph.Franklin 3285
ois Pattern Works, 528 W Van Buren.Harrison 504
man Anton, 306-308 W Ontario....Superior 2431
ermott's Pattern Shop, 208 W Kinzie.Franklin 3980
ach W J Pattern Works, 411-413 S Clinton .....Harrison 2899
Otto, 158-162 N Desplaines.....Monroe 441
nd G F & Co, 318 S Clinton.....Harrison 5824
pleman J P, 740-2 W Van Buren....Monroe 2288

INDIANA

ANDERSON

Loon Pattern Works, (Wood or Metal of every escription. Demonstrative Models for testing ventions.) 518-520 W 11th.....Anderson 3312

INDIANAPOLIS

al Pattern Works, 431 Madison av...Main 815
trial Pattern Works, 10th and Canal..Main 5521

MASSACHUSETTS

BOSTON

Fraser R, 85 Purchase.....Fort Hill 2831

MICHIGAN

DETROIT

Ajax Pattern Works, 138-140 Fort E.....Cherry 6451
Schneck Pattern Works, 634 Meldrum av...Ridge 3167
Service Pattern Works, Bellevue and Berlin avs .....Ridge 4001

MINNESOTA

MINNEAPOLIS

Hall John H & Co, 248, 4th av S.....Nicollet 1274

MISSOURI

ST LOUIS

Western Pattern & Model Works, 1312 S Seventh .....Bell-Olive 5794 Kinloch-Central 5751

NEW JERSEY

JERSEY CITY

Thomson Alexander & Sons, 81-83 Sussex .....Montgomery 1708

NEWARK

Terminal Pattern & Model Works, (Wood and Metal Patterns, Mechanical Designing, Mechanical Models, Inventions Developed and Improved) 55-57 E Park .....Market 4034

PATERSON

Grier James, 523 E 18th.....Paterson 4418

TRENTON

Crescent Pattern Works, 41 Parker av...Trenton 5252

NEW YORK

NEW YORK CITY

American Pattern Foundry & Mach Co, 82-84 Church .....Cortland 5680
Bronx Pattern & Model Works Inc, 147 E 126th .....Harlem 15
Grier James, 136 Liberty.....Rector 826
Horton Jesse D, 173 Greenwich.....Cortland 2824
Long Island Pattern & Model Wks The, 69-71 Adams, Bklyn.....Main 1107
Mecca Machinery Co, 85-87 Adams Bklyn....Main 7065
Morris Elmer P, 136 Liberty.....Rector 826

OHIO

CINCINNATI

Mersfelder Pattern Works, 208-10 Lawrence.Canal 3631

HAMILTON

Miami Pattern Works, 108 N Monument av .....Hamilton 709-X

MANSFIELD

Mansfield Pattern Works, 81 E Fifth....Mansfield 1068

SPRINGFIELD

Modern Pattern Co, Shuey Factories bldg....Main 1104

TOLEDO

West End Pattern Works, 1214 Oakwood av.....Ohio State-Prospect 698

PENNSYLVANIA

CHESTER

Chester Pattern Co, 4th and Ward.....Chester 703
Penn Pattern Works, Front and Concord av.Chester 29

HANOVER

Mummert-Dixon Co, Philadephia st and P RR .....Bell-Hanover 7-R Local 207-W

PHILADELPHIA

Hunter Thomas J Co, 310-16 N 11th.....Walnut 3791
Philadelphia Pattern & Model Co, (Specialists in Wood and Metal Work), 629-31 Filbert .....Market 3660

PITTSBURGH

Keystone Pattern Works, 146 S 18th....Hemlock 126

YORK

Hoffman Brothers, (Centfgl pump & turbine wk spec'lty), 429-431 W Clarke av Bell-York 418-J
..... York 581-M
Standard Pattern Works, N George and Hamilton av .....York 368-J

TENNESSEE

NASHVILLE

Estes F L Manufacturing Co, 221, 4th av S..Main 4516

WISCONSIN

MILWAUKEE

Arrow Products Co, 313½, 1st av.....Hanover 1612
Modern Pattern Co, 126 Clinton.....Hanover 4267

RACINE

Racine Pattern Works, Wood and Metal Patterns, Frederick & Yout.....Racine 3987

PATTERN MAKERS (FOR ORNAMENTAL CASTINGS)

OHIO

CINCINNATI

Remde Albert, 112 Main.....Main 3120

PATTERN MAKERS (ORNAMENTAL)

ILLINOIS

CHICAGO

Dux Joseph, 2118 W Van Buren.....West 1703

PATTERN MAKERS, CASTINGS & MODELS

NEW YORK

NEW YORK CITY

Griffin Henry C & Co Inc, 143-145 Varick..Spring 4257
Simons Geo S, 58 West .....Rector 7270
Stevens John E, 82 Gold.....Beekman 2678

PATTERN MAKERS, EXPERIMENTAL WORK & MODELS

NEW YORK

NEW YORK CITY

Hudson Pattern Works, 446 W 13th.....Chelsea 7741

PATTERN MAKERS & MANUFACTURERS

OHIO

CLEVELAND

S-P Manufacturing Co The, 872 East 72d.Rosedale 3098
Superior Pattern Works Co The, 1247 Marquette Road .....Rosedale 3820

YOUNGSTOWN

American Pattern Mfg Co The, 2200 Wilson av .....Bell-Main 1029 Ohio State 74235

PATTERN MAKERS SUPPLIES MFRS.

ILLINOIS

CHICAGO

Brodin Pattern & Supply Co, 2418-2420 W 16th Canal-1856

PATTERN AND MODEL MAKERS—AEROPLANE PROPELLERS

CONNECTICUT

GROTON

Ball N F, Thames .....Groton 1206-2

PATTERNS, AUTOMOBILES & AEROPLANES

INDIANA

INDIANAPOLIS

Acme Pattern Works, 214 S Pennsylvania...Main 5408

PATTERNS, HARD & SOFT WOOD METAL TRIMMED, ALL METAL

OHIO

SALEM

Jessup Stephen C Pattern Works, 169 West Main ..... Salem 602

PATTERNS, MATCH PLATES

INDIANA

INDIANAPOLIS

Federal Pattern Works, 431 Madison av.....Main 815

PATTERNS, METAL

ILLINOIS

CHICAGO

Fogelberg P & Sons, 126 S Clinton.....Franklin 5156
Keystone Pattern Co, 222 S Clinton.....Main 3400

PATTERNS—METAL FOR MALLEABLE CASTINGS

OHIO

TOLEDO

Maumee Malleable Castings Co The, Bell-Navarre 2878
Woodville and W & L E RR..Ohio State-River 444

PATTERNS & MODELS

ILLINOIS

CHICAGO

Arrow Pattern Works, 2720 W Lake.....Seeley 392
McIntosh J A, 552-554 W Lake.....Main 70

MISSOURI

KANSAS CITY

Acme Pattern & Model Works ,16 E 17thHome-Main 6707

OHIO

SPRINGFIELD

Pauly Bros, Greenawalt Industries bldg....Main 2041

PENNSYLVANIA

HARRISBURG

Harrisburg Pattern & Model Works, 28-34 N Cameron ..... Harrisburg 3971-J

PATTERNS, PERFORATED, STAMPING FOR ART NEEDLE WORK

NEW YORK

NEW YORK CITY

Bendick M, 906 Broadway.....Gramercy 5477

PATTERNS, WOOD

OHIO

CANTON

Central Pattern Works, 1100 E Tuscarawas..Main 1966
Standard Pattern Works The, 320 Rex av S E.Main 3920

PATTERNS—WOOD (MAKERS & MNFRS)

OHIO

BELLAIRE

Bellaire Pattern Co, 26th and Water....Bellaire 88-J

CANTON

Canton Pattern & Mfg Co The, 920 Market av S .....Main 2309

YOUNGSTOWN

Youngstown Pattern Co, Oak and Andrews av.Main 1288

PATTERNS, WOOD AND METAL

CONNECTICUT

NEW HAVEN

Green's Pattern Shop, 548 State.....Liberty 1764

ILLINOIS

CHICAGO

Boettcher Pattern Co, 113 S Jefferson.....Main-2997

MOLINE

Western Pattern & Mfg Co, 428, 3d av...Moline 709

QUINCY

Quincy Pattern Co, 500½ South 6th av....Main 421

INDIANA

INDIANAPOLIS

Federal Pattern Works, 431 Madison av.....Main 815
Industrial Pattern Works, 10th and Canal..Main 5521

MICHIGAN

DETROIT

Wolverine Pattern Works, 156 Milwaukee av East .....North 1147

MINNESOTA

MINNEAPOLIS

Minneapolis Pattern Co, 315, 3d Av S ..... Bell-Nicollet 5310, Tri State 33717
Twin City Pattern & Engineering Works, 113-115, 5th S E..... Bell-East 7040, Tri State 41138

MISSOURI

ST LOUIS

Remmers Pattern Co, 919 Benton.....Tyler 981

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

OHIO

CLEVELAND

Cleveland Castings Pattern Co The, 1980 E 61st .....Rosedale 2824

LIMA

Justus Pattern Works, 628 South West....Main 1382
Lima Pattern Works, 200 Second.....Rice 3126

PENNSYLVANIA

LANCASTER

Keystone Pattern Shop, 352 N Arch..Lancaster 598-M

PATTERNS (SMALL) WOOD AND METAL

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co.....Dunbar 1998

PATTERNS—WOOD & METAL—RS EXPERTS

INDIANA

INDIANAPOLIS

Sonith Pattern Works, 241 Virginia av.....Main 4182

PAVEMENT INSPECTION & TESTING LABORATORIES

ILLINOIS

CHICAGO

Flood Walter H, 3725 Langley av.....Douglas 2045

PAVING BRICK

OHIO

CLEVELAND

Medal Paving Brick Co Swetland bldg .....Bell-Prospect 136, Ohio State-Central 1180

PENNSYLVANIA

PITTSBURGH

West Virginia Fire Clay Mfg Co, Diamond Natl Bank bldg.....Court 620

PAVING CONTRACTING

OHIO

COLUMBUS

Columbus Asphalt Paving Co, 8 E Long.....Main 6789

PAVING MATERIALS

ILLINOIS

CHICAGO

American Tar Products Company, 208 S LaSalle .....Wabash 6396

MISSOURI

KANSAS CITY

Boyd-Hall Material Co, New Nelson bldg .....Bell-Main 7030, Home-Main 7030

PENNSYLVANIA

PHILADELPHIA

Waring Underwood Company The, Commercial Trust bldg .....Spruce 3986

PAVING MIXERS

ILLINOIS

CHICAGO

Koehring Machine Company, (G E Hillsman Dist Mngr) Peoples Gas bldg..Harrison 5183

IOWA

KEOKUK

American Cement Machine Co The Inc (Branch Offices and Stocks in all principal cities) .....Keokuk 788

MASSACHUSETTS

BOSTON

Koehring Machine Company (F O Johnson), 141 Milk .....Ft Hill 4174

NEW YORK

NEW YORK CITY

American Cement Machine Co The Inc (Edw Ehrbar, Mgr) 270 West st.....Canal 8473
Koehring Machine Company (R E Brooks Dist Mgr) 50 Church.....Cortland 8983

PENNSYLVANIA

PHILADELPHIA

Koehring Machine Company, (Lee T Ward Co), Commercial Trust bldg.....Spruce 5149

WISCONSIN

MILWAUKEE

Koehring Machine Company, 31st and Concordia av.....Kilbourn 2903
Smith T L Co The, 1105, 32d.....Kilbourn 4100

PEANUT AND GRAIN THRASHERS

ARKANSAS

TEXARKANA

Williams Mill,Mfg Co of Ark, East Broad & Oak.....Texarkana 832

PEANUT OIL

NEW YORK

NEW YORK CITY

Dyer Oil Co Inc, 29 Broadway.....Whitehall 240

PEANUTS, IMPORTED

CALIFORNIA

SAN FRANCISCO

Co The, 16 California.....Sutter 3183

PEANUTS & PEANUT BUTTER

OHIO

TOLEDO

Mayer, Kaufmann Co The, 132 North Erie.....Bell-Main 4263 Ohio State 2797

PEARL BUTTON MACHINERY

NEW YORK

NEW YORK CITY

Ob-Dusha Co, 1797-1807 First av....Lenox 913

PEARL BUTTONS

NEW YORK

NEW YORK CITY

Pone Button Co (Dorman Bros) (Pearl and other Buttons, Buckles, Novelties) 1123 Broadway.....Farragut 5014
Pearl Works, 43 West 27th.....Farragut 660

PEARL GOODS

NEW YORK

NEW YORK CITY

Pearl Works, 235 Berry Bklyn..Greenpoint 1371

PEARL GDS,BUTTONS,BUCKLES, MANICURE GDS & NOVLTS

NEW JERSEY

NEWARK

Pearl Mfg Co, 55 Commercial....Market 9488

PECANS—PECAN TREES, PECAN GROVES

ARKANSAS

LITTLE ROCK

Holder Pecan Co, Southern Trust.....Main 1855

PEN, CARBON, LETTER AND BILL BOOKS—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine.New Brunswick 546

PENCILS

NEW YORK

NEW YORK CITY

Union Pencil Co Inc, (Advertising Pencil Specialists. Get quantity estimates) 33 Union Square W.....Stuyvsnt 1611

PENCILS, MNFRS.

NEW JERSEY

JERSEY CITY

Pencil Exchange, 67-73 Fleet.....Montgomery 3473

PENCILS, MNFRS. ADVERTISING

ILLINOIS

CHICAGO

American Badge Co, 141-143 W Austin av.Franklin 330

MISSOURI

KANSAS CITY

Huntzinger Advertising & Mfg Co, 2615 Walnut.....Bell-Grand 3740 Home-Main 5613

ST LOUIS

Standard Pencil Co (Only factory west of New York of Advertising or Commercial Pencils. Write for samples, prices.) 1822 Locust.....Bell-Bomont 62 Kinloch-Central 3670

NEW YORK

NEW YORK CITY

Lang & Scherer, 25, 3d av.....Orchard 6664

PENCILS, MFRS—GOLD, GOLD PLATE, SILVER, ETC.

NEW YORK

NEW YORK CITY

Holmes F W Sons (Silver pencils for advertising or premiums), 409 Pearl...Beekman 2705
Hutcheon Brothers (Magazine, clutch, screw pencils, Thermometer cases, cigarette holders, fountain pens, pen mounts) 176 N 4th, Bklyn.....Greenpoint 366

PENCILS, MNFRS—GOLD & SILVER

NEW YORK

NEW YORK CITY

Byers & Hayes Co, 68 Barclay.....Cortland 7237

PENCILS, PEN HOLDERS, ADVERTISING

ILLINOIS

CHICAGO

Goodell James M Jr Inc, 150 N Laramie av.Austin 119

PENNANTS

ILLINOIS

CHICAGO

Cruver Mfg Co, 2458 W Jackson bl.....West 2424
Gleason T C & Co, 173 W Madison.....Main 60

NEW YORK

NEW YORK CITY

American Art Production Co The, 141 Wooster.....Spring 6236

PENNANTS, BANNERS & BUTTONS

CALIFORNIA

LOS ANGELES

Pacific Pennant & Advertising Co, 244-246 New High.....Manual-Main 5923 Home-F 3152

ILLINOIS

CHICAGO

Lauterer Geo Co, 222 W Madison.....Main 4728

PENNANTS, BANNERS & PILLOW TOPS, MFRS.

RHODE ISLAND

PROVIDENCE

American Pennant Mfg Co, 281-285 Broad.Union 4080-W

VERMONT

WHITE RIVER JUNCTION

Green Mountain Studios,...White River Junction 215-4

PENNANTS, FELT CAPS & NOVELTIES

ILLINOIS

CHICAGO

Fischer-Stein Company The, 63 E Adams.Harrison 2321

OHIO

CINCINNATI

Decorative Poster Co The, Norwood Natl Bank bldg, Norwood.....Ridge 503

PENNANTS (MFRS) AND FELT NOVELTIES

NEW YORK

NEW YORK CITY

Prudential Art & Novelty Co Inc, 199 Wooster.....Spring 2147

PENNANTS, FLAGS, BANNERS AND BUTTONS

NEW YORK

NEW YORK CITY

Epstein Novelty Co, 114 Park Row.....North 536

PENS, (MANUFACTURERS)—FOUNTAIN

NEW YORK

NEW YORK CITY

Aikin-Lambert Co, 10 Cortlandt.....Cortland 3796
Finstone Mary, (Patentee and Mnfr of Lever Safety Self-filling Fountain Pen also Pens of every description—Specialty premium Goods) 161-163 Grand.....Canal 9371
Gumbinner Alfred, 44-60 E 23d.....Gramercy 5674
New York Fountain Pen Co (All styles, for export and jobbing trade; lowest prices, quality and satisfaction guaranteed; output 300,000 weekly; prompt deliveries) 372 Broome.Spring 3784

PENS, GOLD

NEW YORK

NEW YORK CITY

Stark F M, 61-63 East 53d Brooklyn....Flatbush 9018

PENS, PENCILS & CARBON PAPER

OHIO

CLEVELAND

International Corporation Supply Co, Rockefeller bldg .....Main 1681-J

PENSION ATTORNEYS

ILLINOIS

CHICAGO

Stevens Milo B & Co, 53 W Jackson bl...Harrison 2554

PENSTOCKS

PENNSYLVANIA

MIDLAND

Treadwell Construction Co.....Midland 62

PERFORATED METALS

ILLINOIS

CHICAGO

Western Metal Products Co, 15 W Kinzie.Central 2839

NEW JERSEY

GARWOOD

Beckley Perforating Co, 200 North av...Westfield 737

JERSEY CITY

Mundt Chas & Sons, 55 Fairmount av.....Bergen 1299

NEW YORK

NEW YORK CITY

Manhattan Perforated Metal Co, 237Centre.Spring 661

ROCHESTER

Erdle Perforating Co, 171 York.....Bell-Genesee 2608
..... Rochester-Stone 3672

WISCONSIN

MILWAUKEE

Nortmann-Duffke Foundry Co, Montana av.Orchard 616

PERFORATING MACHINES

DISTRICT OF COLUMBIA

WASHINGTON

American Perforating Co The, (C B Weikert, Agt) 1419 G st.....Main 5769

ILLINOIS

CHICAGO

American Perforator Co The, 617-631 W Jackson bl .....Monroe 2767
Champion B E Co The (Perforating Machines for Every Purpose Guaranteed by 30 years of Successful Experience) 4740 Ravenswd av. .....Edgewater 2580

MINNESOTA

MINNEAPOLIS

American Perforator Co The, First Nat'l Soo Line bldg.....Nicollet 2901

NEW YORK

NEW YORK CITY

American Perforator Co The, 198 Bway..Cortland 3020
Champion B E Co The (Perforating Machines for Every Purpose Guaranteed by 30 years Successful Experience) 261 Broadway...Barclay 6472

OHIO

CLEVELAND

American Perforator Co The, The Arcade....Main 5295

PERFORATING MACHINES FOR PAPER PATTERNS

NEW YORK

NEW YORK CITY

Ahlstrom O J, 711 Broadway.....Spring 1283
Durbrow & Hearne Mfg Co, 12 Wooster....Canal 8669
See our Catalog Space, page 1006

PERFUMERS—RAW MATERIALS

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

Florasynth Laboratories Inc, 231 Pearl....John 5303

PERFUMERS AND SOAP MAKERS MATERIALS

NEW YORK

NEW YORK CITY

Elson & Brewer Inc, Gold and Platt.....John 4060

PERFUMERY

NEW YORK

NEW YORK CITY

Glebeas Importation Co, 35 Warren.....Barclay 6567
Natural Flower Perfumery Co, 500 Fifth av .....Vanderbilt 2111

PERIODICAL JOURNALS

NEBRASKA

OMAHA

Degree of Honor Journal, 701 S 13th....Douglas 1290

PEROXIDE OF HYDROGEN

NEW YORK

NEW YORK CITY

Peuchot A Inc, 129 Crosby.....Spring 4593

PETROLATUM MANUFACTURERS

OHIO

CLEVELAND

Canfield Oil Co The, 3216 E 55th Bell-Broadway 1730
.....Ohio State-Union 205

PETROLEUM ENGINEERS

NEW YORK

NEW YORK CITY

Levering Richmond & Co Inc, 120 Broadway.Rector 4540

PETROLEUM REFINERS

KANSAS

CHANUTE

Miller Petroleum Refining Co The, Fidelity Bank bldg .....Chanute 484
White Eagle Petroleum Co, Fidelity Bank bldg .....Chanute 484

PETROLEUM SECURITIES

NEW YORK

NEW YORK CITY

Levering Richmond & Co Inc, 120 Broadway.Rector 4540

PHARMACEUTICAL MANUFACTURERS

NEW YORK

NEW YORK CITY

Bayer Company The Inc, 117 Hudson....Franklin 313

PHARMACEUTICAL & MNFG. CHEMISTS

NEBRASKA

OMAHA

Gering Henry R Co The, 701 S 13th.....Douglas 1290

PHARMACEUTICAL TABLET MANUFACTURERS

MISSOURI

ST LOUIS

Rex Tablet Co, 523 Spruce.....Bell-Main-1608
.....Kinloch-Central 3692-R

PHARMACEUTICALS

NEW YORK

NEW YORK CITY

American Aniline Products Inc, 80, 5th av.Chelsea 9500
U S Chemical Exchange, 59 Pearl.....Broad 7250

PHARMACEUTICALS, DRUGS & CHEMICALS

MINNESOTA

MINNEAPOLIS

Standard Medical Supply Co, 1006 Bell-Kenwood 549
W Lake.....Tri State 5149

PHARMACISTS—MFG.

MICHIGAN

DETROIT

Thompson F A & Co, 502-510 Trombley...Ridge 27

PHONOGRAPH CABINET & PIAN CARVINGS

ILLINOIS

CHICAGO

Kopriwa E Co, 2220 Ward.....Lincoln 27

PHONOGRAPH MNFRS.

ILLINOIS

OREGON

Schiller Piano Company, cor Franklin and Third .....Oregon

NEW YORK

NEW YORK CITY

Lorentzen H K (Metal parts and specialties), 60 Grand .....Canal

PHONOGRAPH RECORD ALBUM MANUFACTURERS

NEW YORK

NEW YORK CITY

Boston Book Co Inc, 43 W 4th.....Spring 1221

PHONOGRAPH RECORD ALBUMS, ALSO SNAPSHOT ALBUM MFRS.

NEW YORK

NEW YORK CITY

New York Album & Card Co Inc, 23-25 Lispenard .....Franklin 939

PHONOGRAPHS

ILLINOIS

CHICAGO

Brunswick-Balke-Collender Co The, 623-625 S Wabash av .....Harrison 6220

NEW YORK

NEW YORK CITY

Brunswick-Balke-Callender Co of N Y The, 39 West 32d.....Madison Sq 6180

PHONOGRAPHS—CABINET

ILLINOIS

CHICAGO

Lapierre Henry M Co (Factory to consumer, only high grade work and mechanism, piano finish design sure to please. Save ½ written guarantee), 1314 W 21st st.....Canal 3137
See our Catalog Space, page 1026

PHONOGRAPHS, GRAPHOPHONES & TALKING MACHINES

ILLINOIS

CHICAGO

Crampton Manufacturing Co, 1518 E 53d.Midway 784

PHOSPHOR BRONZE

CONNECTICUT

SEYMOUR

Seymour Manufacturing Co The (Ingots, Sheets, Wire, Rods, Shells and Blanks) Cable address "Seymourco" 87 Franklin.....Seymour 115

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

PHOSPHOR BRONZE SHEETS, WIRE, RODS

MARYLAND

BALTIMORE

Ungerford U T Brass & Copper Co, S E cor Lombard & South.....St Paul 7777

MASSACHUSETTS

BOSTON

Ungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

NEW YORK

NEW YORK CITY

Ungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

PHOSPHOR COPPER

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

PHOSPHOR, COPPER AND TIN

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st.Liberty 4320
See our Adv., page 32, first page opposite Section 1

PHOSPHOR TIN

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

PHOSPHORUS OXYCHLORIDE

NEW YORK

NEW YORK CITY

Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

PHOTO DEVELOPING, PRINTING ENLARGING & COPYING

ILLINOIS

CHICAGO

Borchardt Photo Enlarging Co, 6 E Lake..Central 1954
Drews W J Co, 3640-44 Wrightwood av.Belmont 1231

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty .....Canal 2415

PHOTO ENGRAVERS

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 19 S Wells.....Main 4103

NEW YORK

NEW YORK CITY

Scientific Engraving Co, 406 W 31st....Chelsea 2117
See our Catalog Space, page 947

OHIO

CINCINNATI

Advertisers Engraving Co, 128 Opera pl...Canal 2451

PENNSYLVANIA

PHILADELPHIA

Chestnut Street Engraving Co Inc The, Bell-Walnut 3413
702 Chestnut .....Keystone-Main 3189
See our Catalog Space, page 948
Weeks Photo-Engraving Co (Owners & Operators of Weeks Electrical Etching Process, Patents applied for. Deepest Half-Tones in Bell-Walnut 2065 the World) 923 Sansom.....Keystone-Main 1185

PHOTO ENGRAVERS & PRINTERS

NEW YORK

NEW YORK CITY

Beck Engraving Co The, 304 E 23d...Gramercy 1824
Eggers John H Co Inc (Unusual inducements in price, quality and speed of production on large editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

PHOTO ENGRAVERS' SUPPLIES

OHIO

CINCINNATI

Dom G C Supply Co, 126 E Pearl.....Main 903

PHOTO—ENGRAVERS, WOOD, COPPER & ZINC

OHIO

CINCINNATI

Runey Show Print 215 W Liberty.....Canal 2415

PHOTO-GELATINE PRINTING

ILLINOIS

CHICAGO

Western Photogravure Co, 1821 Berteau av.Lakeview 825

NEW YORK

NEW YORK CITY

Photo-Gelatine Printing Co, 302 W 36th..Greeley 4761

PHOTO—GELATINE PRINTING, MNFRS. OF POST CARDS

NEW YORK

NEW YORK CITY

Stankovits & Co (Commercial Art Work and Lobby Displays), 355-357 West 36th.....Greeley 776

PHOTO RETOUCHERS & ILLUSTRATORS FOR ADVG PURPOSES

OHIO

CINCINNATI

Seeman & Nieporte, 2d Natl Bk bldg.....Canal 5176

PHOTOGRAPH ALBUMS

NEW YORK

NEW YORK CITY

Steinberg S & Son, 149-153 Wooster.....Spring 5172

PHOTOGRAPH ENLARGEMENTS SOLAR PRINTS

NEW YORK

NEW YORK CITY

Biggart Solar Print Co, 25 E 4th.....Spring 5768

PHOTOGRAPHERS

CONNECTICUT

STAMFORD

Brown & Dawson, 15 Beckley av.....Stamford-1618-2

ILLINOIS

CHICAGO

Commercial Photographic Co, 538 S Clark.Harrison 4211
Copelin Alex J W, 422 S Dearborn.....Harrison 319
Johnson James J, 732 Federal.....Harrison 1972
Moffett Studio, 57 E Congress .....Harrison 6702
Sykes Melvin H, 16 N Wabash av.....Central 342
Walinger Co, 37 S Wabash av.....Central 1070

PHOTOGRAPHERS—CONTINUED

NEW YORK

NEW YORK CITY

American Studio (Commercial Photographers, N Y views for sale), 87 Nassau..Cortland 866
Drummond A J, (Legal and Confidential), 50 Fulton st.....Beekman 1239
Langton Company, 30 Church .....Cortland 6221
See our Catalog Space, page 994
National Photo Studio (Photographs of Furniture, Machinery, Automobiles Interiors and Exteriors, Contract Work at Moderate Prices, Good Work at Reasonable Prices), 4914, 5th av, Bklyn .....Sunset 7123
Pierce Henry Havelock, 741 Fifth av.....Plaza 1209
Boston Office, 729 Boylston .....Back Bay 3826
Underhill Irving, 239 Broadway.....Barclay 5921
Wal Photo Co, 1431 Broadway.....Bryant 9485

OHIO

CINCINNATI

Steman Studios, 130 W 4th.....Main 4387

PHOTOGRAPHERS, CANDY AND COLORS

WISCONSIN

MILWAUKEE

Hindman E T Company, 164 Wisconsin.....Main 3213

PHOTOGRAPHERS—COMMERCIAL

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 19 S Wells.....Main 4103
Kaufmann & Fabry Co, 425 S Wabash av.Harrison 3135
Webster Bros, 53 W Jackson bl.....Harrison 3709

INDIANA

INDIANAPOLIS

Coburn Photo & Film Co, 333 E Market .....Bell-Main 3044 Automatic 22-144

TERRE HAUTE

Martin's Photo Shop, 681½ Wabash av .....Bell-Terre Haute 15 Ohio State 3700

KENTUCKY

LOUISVILLE

Hesse H, 624-26 South 3d .....Bell-Main 465 Home City 465

MASSACHUSETTS

BOSTON

Morse Benjamin (Will Photograph "Anything—Anywhere" Salesman's Samples), 123 Pearl .....Main 3492

MICHIGAN

DETROIT

American Commercial Photo Co, 48-54 State .....Cadillac 6489
Baker Art Studio The, Baker bldg, 89-91 Park pl .....Main 4114

MINNESOTA

MINNEAPOLIS

Bureau of Engraving Inc, 15 and 17 S 6th .....Bell-Main 1592 Tri-State 34315

NEW YORK

BUFFALO

Commercial Color Photo Co (Manufacturers, Wholesalers, Travelers Samples in Colors) 7 E Genesee .....Seneca 844-R
Schaefer Al H 833 Michigan av.....Tupper 1769-W

NEW YORK CITY

Fifth Ave Commercial Photo Studio (Catalog Work, Interiors, Exteriors, Anywhere, Anytime), 7 E 28th.....Mad Sq 4986
Libelka Maximillan J, 34 Pine .....John 257

OHIO

CINCINNATI

Boellinger F, 23 W Liberty.....Canal 1369
Myers W T & Co, 288 E 4th.....Main 439
Rombach & Groene, 812-814 W 4th.....West 458
Runey Show Print, 216 W Liberty.....Canal 2415

MARION

Bauer Adam, 126½ South Main.....Bell 2625

TOLEDO

Korb Photographer Co The, 319 Superior .....Ohio State-Main 3155

PHOTOGRAPHERS, COMMERCIAL—ENGRAVERS

LOUISIANA

SHREVEPORT

Reliance Engraving Co, 210½ Milan..Shreveport 544

OHIO

CINCINNATI

Clegg-McFee & Co, Power bldg.....Canal 2110

PHOTOGRAPHERS—COMMERCIAL & LANTERN SLIDES

KENTUCKY

LOUISVILLE

Caufield K S & Kopp, 412-420 S Fourth av .....Home-City 1037

NEW YORK

NEW YORK CITY

Bates Eldred L (Commercial Photo Work of Every Description), 149 Ashland pl, Bklyn.Prospect 596

PHOTOGRAPHERS COMMERCIAL AND X-RAY

CONNECTICUT

STAMFORD

Brown & Dawson, 14 Beckley av.....Stamford 1618-2

PHOTOGRAPHERS, ENLARGMENTS, PORTRAITS & COMRCL

NEW YORK

NEW YORK CITY

Franke Emil, 142 W 23d.....Chelsea 7985
See our Catalog Space, page 994

PHOTOGRAPHERS & ILLUSTRATORS

OHIO

SPRINGFIELD

Evans & Dubes, Fairbanks bldg .....Bell-Main 734 Ohio State 898

PHOTOGRAPHERS & LIMNERS

MASSACHUSETTS

BOSTON

Purdy J E & Co, 145 Tremont.....Beach 2076

PHOTOGRAPHERS, PORTABLE LIGHTING CARRIED IN GRIPS

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

PHOTOGRAPHERS' PORTFOLIOS AND ALBUMS—ANY SIZE

NEW YORK

NEW YORK CITY

Michelman E R, 106 Sixth av.....Stuyvesant 4863

PHOTOGRAPHERS, STILL & MOVIE

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

PHOTOGRAPHERS, THEATRICAL

ILLINOIS

CHICAGO

DeHaven Studio, 144 S Wabash av.....Central 4335
Gerls Studio, 140 S Wabash av.....Central 6280

PHOTOGRAPHERS, THEATRICAL—GROUND FLOOR STAGE

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

PHOTOGRAPHIC MATERIALS

NEW YORK

JAMESTOWN

Straight Dry Plate Co, (Ferrotype Plates and Positive Postcards), Tyrrell av.Jamestown 683-M

NEW YORK CITY

Fitzsimmons R J, 75, 5th av.....Stuyvsnt 531

PHOTOGRAPHIC SUPPLIES

ILLINOIS

CHICAGO

Central Camera, 124 S Wabash av.....Central 5963

NEW YORK

NEW YORK CITY

Kuhn H E, 395 Bridge, Bklyn.....Main 676

OHIO

CINCINNATI

Prince L M Co, 108 W 4th.....Main 1

PHOTOGRAPHS—HAND COLORED

NEW YORK

ROCHESTER

Schaefer-Ross Company Inc, 84 North.....Main 60

PHOTOGRAPHS IN QUANTITIES FOR ADVERTISING PURPOSE

NEW YORK

NEW YORK CITY

Kranz Mfg Co, 220 W 42d.....Bryant 3

PHOTOGRAPHS MADE BY MACHINERY IN QUANTITIES

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty.Canal 2

PHOTOGRAPHY, COMMERCIAL PHOTO—GELATINE PRINTI

NEW YORK

NEW YORK CITY

Stanbury Robert K Inc, 135-139 W 17th.Farragut

PHOTOGRAVURE PRINTERS

ILLINOIS

CHICAGO

Hoffman Photogravure Co The, 329 Plymouth ct ..... Wabash 7434
Western Photogravure Co, 1821 Berteau av ..... Lakeview 825

PHOTOGRAVURES

NEW YORK

NEW YORK CITY

Gubelman Publishing Company The (Art and Commercial Plates, Prints, Catalogues) 47 W 34th ..... Greeley 6060

PHYSICAL CULTURE & MASSAGE

ILLINOIS

CHICAGO

Gray Willis S (25 years same location. Prices Moderate), 5 N LaSalle..... Main 3221

PHYSICIANS; HOSPITAL & INVALIDS' SUPPLIES

NEW YORK

NEW YORK CITY

Knauth Bros 220 Fourth av cor 18th.... Stuyvsnt 2523
See our Catalog Space, page 960

PHYSICIANS' SUPPLIES

GEORGIA

ATLANTA

Estes Surgical Supply Co 16 N Forsyth..... Ivy 1700

ILLINOIS

CHICAGO

Ambulatory Pneumatic Splint Mfg Co, 30 E Randolph ..... Central 4623

PHYSICIANS & SURGEONS

ILLINOIS

CHICAGO

Gold John M, (Practice limited to Rectal and Intestinal Diseases) 5 S Wabash av. Central 652

PHYSICIANS & SURGS. SPECLTY WOMEN'S & CHILDN'S DISEASES

KENTUCKY

LOUISVILLE

Kremer John William, Dr 1830 W Jefferson ..... Home-Shawnee 1678

PHYSICS LABORATORY SUPPLIES

MASSACHUSETTS

BOSTON

Pott L E Apparatus Co, Ames & Amherst (Cambridge A Sta) ..... Cambridge 4700

PIANO BENCH MNFRS

ILLINOIS

CHICAGO

Standard Piano Bench Mfg Co, 1255 W Lake ..... Haymarket 6310

PIANO HAMMERS

CALIFORNIA

SAN FRANCISCO

Standard Felt Co, 417 Market ..... Garfield 525

WEST ALHAMBRA

Standard Felt Co..... East 9

ILLINOIS

CHICAGO

Standard Felt Co, 401 S Wells ..... Wabash 1081

NEW YORK

NEW YORK CITY

Standard Felt Co, 115-117 East 23d... Gramercy 4432

PIANO HARDWARE

PENNSYLVANIA

PARKESBURG

Parkesburg Stamping & Mfg Co, 1st av and Church ..... Parkesburg 42

PIANO MANUFACTURERS

ILLINOIS

OREGON

Schiller Piano Company, cor Franklin and Third ..... Oregon 48

MISSOURI

KANSAS CITY

Smith Barnes & Strohber Co, 917-19 Grand av ..... Bell-Main 914 Home-Main 8844

NEW YORK

NEW YORK CITY

De Rivas & Harris Mfg Co, 138 Willow av. Melrose 240

OHIO

NORWALK

Chase A B Co The, 50-70 Newton ..... Bell-Main 16 Automatic 16

PIANO MOVERS

NEW YORK

NEW YORK CITY

Dochterman Van & Express Co, The (Established Over 40 Years—Piano Movers) 457-71 E 10th ..... Orchard 4630

PIANO PLAYER ROLLS—MANUFACTURERS

ILLINOIS

DIXON

Rodesch-Billings Co, 106 E River..... Dixon 227

PIANO PLAYERS—AUTOMATIC ELECTRIC

ILLINOIS

CHICAGO

Operators Piano Co, 16 S Peoria..... Haymarket 2837

PIANO TUNERS

NEW YORK

BUFFALO

Buffalo Piano Tuning Co, 11-13 E Utica. Tupper 5646-J

PIANOS & PLAYER PIANOS

NEW YORK

NEW YORK CITY

Winter & Co, 220 Southern bl..... Melrose 1508

OHIO

CINCINNATI

Gross Geo P, 1337 Main..... Canal 3795

PICKS, MATTOCKS & GRUB HOES

OHIO

WARREN

Warren Tool & Forge Co The, P O Box 410 Warren 1162

PICTURE CORD, MASONS LINES, BRIGHT WIRE GDS, ESC'T'N PINS

CONNECTICUT

NORWICH

Turner & Stanton Co The, 247 Broad.... Norwich 439

PICTURE FRAME MANUFACTURERS

MASSACHUSETTS

BOSTON

Sprague-Hathaway Co, 36 Bromfield..... Main 814

NEW YORK

NEW YORK CITY

National Picture Frame & Art Co (Framed Pictures and Advertising Frames, capacity, 35,000 Frames Daily, Special Facilities for Framing, Packing and Distributing, Wholesale Only) 259, 5th av ..... Mad Sq 7264

PICTURE FRAMES

ILLINOIS

CHICAGO

Friedman I M, 312 W Madison..... Main 4705
Schwartz Picture Frame Co, 423 S Wabash av ..... Harrison 3413

MASSACHUSETTS

BOSTON

Western Picture Frame Co, 104 Friend. Haymarket 2208

NEW YORK

NEW YORK CITY

Wolff Robert Co (Advertising Frames, Window Panels, Display Fixtures), 25 Warren.. Barclay 6359

PICTURE FRAMES AND MOULDINGS

ILLINOIS

CHICAGO

Newcomb-Macklin Co, 2 W [illegible] State. Central 5215

PICTURE FRAMES & SERVING TRAYS

MICHIGAN

DETROIT

Schmidt Hugo W Picture Frame Co, 38 and 40 Randolph ..... Main 2073

PICTURE HOOKS

NEW YORK

BUFFALO

Anchor Picture Hooks (Buffalo Dolls Co) Root bldg ..... Seneca 4365-J

PICTURE IMPORTERS AND PUBLISHERS

NEW YORK

NEW YORK CITY

Bergmann Frederick F (Color prints, photogravures, carbons, fac-similes, etc) 225 Fifth av ..... Madison Sq 6637

PICTURE—PUBLISHERS

NEW YORK

NEW YORK CITY

Gutmann & Gutmann, 116 W 32d..... Farragut 4564

PICTURES—FRAMES—MOULDINGS

NEW YORK

NEW YORK CITY

U S Frame & Picture Co, 24 Barclay.... Cortland 1515

PICTURES & PICTURE FRAMES

ILLINOIS

CHICAGO

Bryden F A Co, 217 S Wabash av..... Wabash 8948
Consolidated Portrait & Frame Co, 1029 W Adams ..... Haymarket 3812
Newcomb-Macklin Co, 2 W Kinzie corState. Central 5215
Peoples Portrait & Frame Co, 2054 W Lake.. West 3424

PICTURES RESTORED, PAINTINGS AND ENGRAVINGS

NEW YORK

NEW YORK CITY

Powell Art Gallery (Framing, Regilding Artists' Materials), 986, 6th av..... Circle 2643

PIE BAKERS' MACHINERY—MNFRS.

ILLINOIS

CHICAGO

Colborne Mfg Co, 170 W Division..... Superior 1000

PIG IRON

CALIFORNIA

SAN FRANCISCO

Woods, Huddart & Gunn, 444 Market..... Sutter 2720

ILLINOIS

CHICAGO

Addy Matthew Co The, Rookery..... Harrison 2972

MISSOURI

ST LOUIS

Addy Matthew Co The, Third Nat'l Bk bldg.. Main 2750

OHIO

CINCINNATI

Addy Matthew Co The, First Natl Bank bldg. Main 478

PENNSYLVANIA

PHILADELPHIA

Addy Matthew Co The, Real Estate Trust bldg ..... Walnut 741

PIG IRON (CHARCOAL)

MICHIGAN

CADILLAC

Mitchell-Diggins Iron Company ..... Bell-Cadillac 45 Citizens-Cadillac 760

PIG LEAD

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Special Products Division Du Pont bldg..... Wilmington 1720

PIG METALS

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway..... Richmond 357

PIGMENTS

ILLINOIS

CHICAGO

Harrison Works (owned and operated by E I DuPont de Nemours & Co), 2001 Mendell.... Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (owned and operated by E I DuPont de Nemours & Co), 918, 4th..... Nicollet 567

NEW YORK

NEW YORK CITY

Harrison Works (owned and operated by E I DuPont de Nemours & Co) 80 Maiden Lane.... John 6444

PENNSYLVANIA

PHILADELPHIA

Harrison Works (owned and operated by E I DuPont de Nemours & Co), 35th St and Gray's Ferry Road ..... Dickinson 50

PILE DRIVERS

ILLINOIS

CHICAGO

Shaw Willis, 80 E Jackson blvd..... Harrison 22

PILE DRIVING CONTRACTORS

OHIO

CINCINNATI

Cranford Construction Co The, Gerke bldg.. Canal 4212

PILE FABRIC MANUFACTURERS

NEW YORK

NEW YORK CITY

Stroock S & Co, 11 E 26th..... Mad Sq 8256

PILES—CONCRETE

ILLINOIS

CHICAGO

Raymond Concrete Pile Co, 111 W Monroe. Central 3012

MARYLAND

BALTIMORE

Raymond Concrete Pile Co, Munsey bldg. St Paul 7074

MASSACHUSETTS

BOSTON

Raymond Concrete Pile Co, Exchange bldg. Fort Hill 4276

MISSOURI

KANSAS CITY

Raymond Concrete Pile Co, 1012 Baltimore av ..... Main 3855

NEW YORK

NEW YORK CITY

Raymond Concrete Pile Co, 90 West..... Rector 1921

OHIO

CLEVELAND

Raymond Concrete Pile Co, 1836 Euclid av ..... Prospect 2210

OREGON

PORTLAND

Raymond Concrete Pile Co, Pittock bldg. Broadway 232

PENNSYLVANIA

PHILADELPHIA

Raymond Concrete Pile Co, Finance bldg.. Spruce 2535

PITTSBURGH

Raymond Concrete Pile Co, Union Bank bldg ..... Court 1436

PILING

ILLINOIS

CHICAGO

Lake Superior Piling Co, 22d and Morgan.. Canal 86
Leach L D & Co, 343 S Dearborn..... Harrison 788
Smith A B Lumber Co, Old Colony bldg.. Harrison 167

MARYLAND

BALTIMORE

Hoskins J S Lumber Co, Maryland Casualty Tower ..... St Paul 709

WISCONSIN

MARINETTE

Menominee White Cedar Co, 901 Maggie. Marinette

PILLOW BLOCKS (SHAFT)

PENNSYLVANIA

MANHEIM

Bond Foundry & Machine Company.... Manheim 414

PIN TICKETS & PAPER CLIPS (MNFRS.)

NEW YORK

MT VERNON

Noesting Pin-Ticket Co Inc, (Manufacturers No-Sting "Harmless" Pin-Tickets) 2-4 Wilson pl..... Mt Vernon 3

PINION ROD AND WIRE

MASSACHUSETTS

PALMER

Rathbone A B & J (Special Drawn Shapes, Brass, Steel, Etc) ..... Palmer 9

PINKING MACHINES

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 43-47 W 24th ..... Farragut
Durbrow & Hearne Mfg Co, 12 Wooster.... Canal
See our Catalog Space, page 1006

PINS—COUPLER & AIR BRAKE

OHIO

CLEVELAND

Champion Rivet Co, Harvard av Bell-Broadway 735
S E and E 108th.....Ohio State-Union 883-L

PINS, DOMESTIC AND BANK

NEW YORK

NEW YORK CITY

Austin Walker Sales Co (Union Pin Co),
215 Fourth av .....Stuyvesant 3211

PIPE

ILLINOIS

CHICAGO

Standard Spiral Pipe Works, 4800 S Maplewood av .....Drover 8316

PIPE (ALL SIZES, NEW AND SECOND HAND)

ILLINOIS

CHICAGO

Groh John, Clybourn av and Osgood.....Diversey 8937

MISSOURI

ST LOUIS

Greenspon's Jos Sons Iron & Steel Co,
Second and Branch.....Tyler 236

PIPE (CAST IRON B & S FLANGE, FLEXIBLE JOINT)

ALABAMA

BIRMINGHAM

United States Cast Iron Pipe & Foundry Co,
1st av and 20th.....Main 3738

CALIFORNIA

SAN FRANCISCO

United States Cast Iron Pipe & Foundry Co,
3rd and Market.....Kearny 562

ILLINOIS

CHICAGO

United States Cast Iron Pipe & Foundry
Co, 122 S Mich bl.....Harrison 6863

MASSACHUSETTS

BOSTON

Donaldson Iron Co (Chas F Glavin)
24 Milk .....Main 1795

MISSOURI

ST LOUIS

United States Cast Iron Pipe & Foundry Co,
319 N 4th.....Olive 549

NEW YORK

BUFFALO

United States Cast Iron Pipe & Foundry Co,
957 E Ferry .....Oxford 239

NEW YORK CITY

Donaldson Iron Co (John Fox & Co)
253 Broadway .....Barclay 6215
United States Cast Iron Pipe & Foundry Co,
71 Broadway .....Rector 655

OHIO

CLEVELAND

United States Cast Iron Pipe & Foundry Co,
1150 E 26th .....Prospect 761

PENNSYLVANIA

EMAUS

Donaldson Iron Co, Emaus.....Emaus 238

PHILADELPHIA

United States Cast Iron Pipe & Foundry Co,
1421 Chestnut .....Spruce 1000
Wood R D Co, 400 Chestnut.....Lombard 1020

PITTSBURGH

United States Cast Iron Pipe & Foundry Co,
6th and Smithfield .....Grant 767

PIPE (CAST IRON, FLANGE)

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway
Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive.....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Bway..Cortland 8110

PIPE (CAST & WROUGHT IRON)

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877
620 E 14th.....Forsythe 9280

PIPE (FIBRE AND CONDUIT)

ILLINOIS

CHICAGO

Brown Company, 110 S Dearborn.....Central 6494

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company, Woolworth bldg.....Barclay 6185

PIPE (FOR STRUCTURAL PURPOSES)

ILLINOIS

CHICAGO

Illinois Pipe & Mfg Co, 2117 S Jefferson..Canal 828

PENNSYLVANIA

PITTSBURGH

McDowell & Co, Galveston and Western av..Cedar 1853

PIPE (FULL WEIGHT GENUINE WROUGHT IRON)

ILLINOIS

CHICAGO

Limbert Geo B & Co, 558-570 Fulton....Monroe 3984

PIPE (IRON)

ILLINOIS

CHICAGO

Chicago Tube & Iron Co, 1469 S Jefferson..Canal 3167

PIPE (LEAD—TIN PIPE)

MARYLAND

BALTIMORE

Union Smelting & Refining Co Inc, S E cor
Howard & Ostend.....South 1230
See our Catalog Space, page 1008

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc,
Campau bldg.....Cadillac 4691
See our Catalog Space, page 1008

NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles
and Av L.....Market 828
See our Catalog Space, page 1008

NEW YORK

NEW YORK CITY

Union Smelting & Refining Co Inc, 604-608
E 19th .....Gramercy 6699
See our Catalog Space, page 1008

PIPE (NEW & SECOND HAND)

ILLINOIS

CHICAGO

Illinois Pipe & Mfg Co, 2117 S Jefferson.Canal 828

OHIO

FINDLAY

Ohio Pipe Co, Blanchard Bell-Main 568
.....Ohio State 568

FOSTORIA

Strouse Pipe & Machine Co, 473 East North.Main 240

PIPE (NEW AND 2ND HAND, BOUGHT AND SOLD)

PENNSYLVANIA

PHILADELPHIA

Hitner's Henry A Sons Co, Aramingo av
and Huntingdon .....Kensington 5434

PIPE (RIVETED & WELDED)

PENNSYLVANIA

MIDLAND

Treadwell Construction Co.....Midland 62

PIPE (STEEL)

ILLINOIS

CHICAGO

Chicago Tube & Iron Co, 1469 S Jefferson.Canal 3167

PIPE (STEEL AND IRON)

ILLINOIS

CHICAGO

Limbert Geo B & Co, 558-570 Fulton.....Main 3984

PIPE (STEEL RIVETED)

OHIO

ALLIANCE

Reeves Brothers Co The, 388 Bell-Alliance 31
Rush ..... Ohio State 3268

PIPE (VALVES & FITTINGS)

PENNSYLVANIA

PHILADELPHIA

American Tin & Terne Plate Co, 24th and Vine ..... Locust 165

PIPE (WOODEN)

WASHINGTON

TACOMA

American Wood Pipe Co, South 32d and Cedar sts ..... Main 2144

PIPE (WROUGHT IRON & STEEL)

ILLINOIS

CHICAGO

Illinois Pipe & Mfg Co, 2117 S Jefferson.. Canal 828
Spang Chalfant & Co Inc, McCormick bldg. Harrison 5230

MISSOURI

ST LOUIS

Spang Chalfant & Co Inc, Boatmen's Bank bldg ..... Olive 3340

PENNSYLVANIA

PITTSBURGH

Spang Chalfant & Co Inc, Union Bank bldg. Court 770

PIPE BENDING AND PIPE COILS

GEORGIA

ATLANTA

National Valve & Mfg Co (Earl F Scott, Agt) Candler bldg ..... Ivy 6937

ILLINOIS

CHICAGO

Atlas Copper & Brass Mfg Co, 2734-2738 High ..... Lincoln 4017
National Valve & Mfg Co (E J Ward, Agt) Westminster bldg ..... Randolph 1961
Rempe Co, Sacramento and Carroll avs... Kedzie 483

NEW YORK

NEW YORK CITY

National Valve & Mfg Co (F W Richardson, Agt) 39 Cortlandt st ..... Cortland 7268

OHIO

CLEVELAND

National Valve & Mfg Co (L S Garrett, Agt) Guardian bldg ..... Main 3991

PENNSYLVANIA

ALLENTOWN

Albright Son & Co, 123 N Front.. Bell-Allentown 970
..... Consolidated 1617

PHILADELPHIA

National Valve & Mfg Co (National Supply & Equipment Co, Agt) Bulletin bldg.. Walnut 4086

PITTSBURGH

National Valve & Mfg Co, 31st and Liberty. Grand 6730

PIPE BENDS AND FLANGES

NEW YORK

NEW YORK CITY

Ballwood Co The, 30 Church ..... Cortland 1350

PIPE AND BOILER COVERING

ILLINOIS

CHICAGO

Acme Asbestos Covering & Supply Co, ne cor Kinzie and Ada ..... Monroe 2343
Ajax Pipe & Boiler Covering Co, 9 W 22d st ..... Calumet 4019
National Pipe & Boiler Covering Co, 133 W Washington ..... Franklin 954
Standard Asbestos Mfg Co, 820-22 W Lake. Monroe 2011

KENTUCKY

LOUISVILLE

Kentucky Pipe Covering Co, 122 W Main Home-City 2194

MASSACHUSETTS

BOSTON

Norristown Magnesia & Asbestos Co, 23 Lewis Wharf ..... Richmond 2570

PENNSYLVANIA

NORRISTOWN

Norristown Magnesia & Asbestos Co... Norristown 1620

PIPE & CASING-NEW & 2D HAND, ALL PIPE TESTED GUARANTEED

CALIFORNIA

SAN FRANCISCO

Pacific Pipe Co, 201 Howard ..... Douglas 2233

PIPE & CASINGS (OIL COUNTRY GOODS)

PENNSYLVANIA

PITTSBURGH

Simpson Bros, Oakdale ..... Oakdale 46-J

PIPE COILS—COPPER AND STEEL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church ..... Cortland 7673

PIPE CUTTING, BENDING AND FABRICATING

ILLINOIS

CHICAGO

Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

PIPE FITTERS' TOOLS—ALL KINDS

NEW YORK

NEW YORK CITY

Scott J W Hardware Co, 30 Warren ..... Barclay 6113

PIPE AND FITTINGS

ILLINOIS

CHICAGO

Chicago Tube & Iron Co, 1469 S Jefferson. Canal 3167

RHODE ISLAND

PROVIDENCE

Dart E M Mfg Co, Thurbers av ..... Broad 1069

PIPE & FITTINGS (NEW & SECOND HAND)

NEW YORK

ROCHESTER

Wilson Wm H, Iron Works, 31-57 Industrial. Main 5131,
See our Catalog Space, page 976

OHIO

FOSTORIA

Twing F L, Main and B & O RR ..... Main 65

PIPE FITTINGS, CAST IRON, SEMI-STEEL, CAST STEEL

ILLINOIS

CHICAGO

Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

PIPE & FITTINGS, CAST & WROUGHT IRON

ILLINOIS

CHICAGO

Western Plumbing Supply Co, 3228-30 Fillmore ..... Garfield 100

PIPE FITTINGS FOR GAS, WATER OR STEAM

NEW YORK

NEW YORK CITY

Broadway Bicycle & Auto Supply Co, 60 Vesey ..... Cortland 1308

PIPE HEADERS (WELDED)

GEORGIA

ATLANTA

National Valve & Mfg Co (Earl F Scott, Agt) Candler bldg ..... Ivy 6937

ILLINOIS

CHICAGO

National Valve & Mfg Co (E J Ward, Agt) Westminster bldg ..... Randolph 1961

NEW YORK

NEW YORK CITY

National Valve & Mfg Co (F W Richardson, Agt,) 39 Cortlandt ..... Cortland 7268

OHIO

CLEVELAND

National Valve & Mfg Co (L S Garrett, Agt) Guardian bldg ..... Main 399

PENNSYLVANIA

PHILADELPHIA

National Valve & Mfg Co (Natl Supply & Equipment Co, Agts) Bulletin bldg .... Walnut 40

PITTSBURGH

National Valve & Mfg Co, 31st and Liberty. Grant 67

PIPE JOINT PASTE MANUFACTURERS

OHIO

WADSWORTH

William J C Mfg Co (Tyte-Unyte) West Walnut and Erie R R ..... Wadsworth

PIPE ORGAN BUILDERS

ILLINOIS

CHICAGO

Coburn Organ Co, 220 N Washtenaw av....West 1765

NEW JERSEY

PATERSON

American Master Organ Company, 478 Getty av .....Paterson 4330

NEW YORK

BUFFALO

Viner & Son, 1371 Niagara.....North 3474-M

PIPE REPAIR CLAMPS—EMERGENCY & JOINT

ILLINOIS

CHICAGO

Skinner M B Co, 562 W Washington bl.....Main 3233

PIPE THREADING AND CUTTING MACHINERY

NEW YORK

YONKERS

Saunders D Sons Inc, 25 Atherton.....Yonkers 364

PIPE THREADING AND CUTTING MACHINERY—PORTABLE

INDIANA

COLUMBUS

Columbus Machine Works, 810 Fifth..Columbus 20

PIPE TOOLS—MNFRS.

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation...Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

PIPE UNIONS

NEW YORK

NEW YORK CITY

Williams Franklin Inc, 89 Cortlandt....Cortland 136

PIPES, MANUFACTURERS, CORNCOB

MISSOURI

WASHINGTON

Hirschl & Bendheim .....Washington 195

PIPES & SMOKERS' ARTICLES

NEW YORK

NEW YORK CITY

Kaufmann Bros & Bondy, 33 East 17th.Stuyvesant 3000
Kern L & H Inc, 432-434 E 10th.....Orchard 807

PIPES (SMOKING) MANUFACTURERS

NEW YORK

NEW YORK CITY

Frank S M & Co, 928 Broadway.....Gramercy 3830

PIPING (CONTRACTORS POWER)

GEORGIA

ATLANTA

National Valve & Mfg Co (Earl F Scott, Agt), Candler bldg .....Ivy 6937

ILLINOIS

CHICAGO

National Valve & Mfg Co (E J Ward, Agt) Westminster bldg.....Randolph 1961

NEW YORK

NEW YORK CITY

National Valve & Mfg Co (F W Richardson, Agt) 39 Cortlandt.....Cortland 7268

OHIO

CLEVELAND

National Valve & Mfg Co (L S Garrett, Agt) Guardian bldg.....Main 3991

PENNSYLVANIA

PHILADELPHIA

National Valve & Mfg Co (Natl Supply & Equipment Co, Agts Bulletin bldg....Walnut 4086

PITTSBURGH

National Valve & Mfg Co, 31st and Liberty.Grant 6730

PIPING SYSTEMS COMPLETE

PENNSYLVANIA

PITTSBURGH

National Valve & Mfg Co, 31st and Liberty.Grant 6730

PISTON RINGS

ILLINOIS

CHICAGO

Blettner Geo H, 1401-5 W Jackson bl....Monroe 2076
Peerless Piston Ring Mfg Co (Peerless), 3848-50 N Clark.....Graceland 3044
Pruyn Henry S Jr, 1919 S Michigan av.Calumet 3798

NEW JERSEY

NEW BRUNSWICK

Wasson Piston Ring Co, Jersey av.New Brunswick 921

PENNSYLVANIA

PITTSBURGH

Iron City Products Co, 7501 Thomas bl.Franklin 3520

PISTON RINGS AMERICAN HAMMERED

ILLINOIS

CHICAGO

Pruyn Henry S Jr, 1919 S Michigan av..Calumet 3798

PISTON RINGS & LIGHT WT PISTON MFG (3 PIECE RINGS)

IOWA

CEDAR RAPIDS

Reliance Ring Co The, 215, 1st W..Cedar Rapids 582

PISTON RINGS—VAPOR TIGHT

LOUISIANA

NEW ORLEANS

Baker Valve Co (Chas Gruenberg) 425 Gravier .....Main 4453

MINNESOTA

MINNEAPOLIS

Baker Valve Co, 1863 E 28th .....Bell-Drexel 1323
McCadden Sales Co, 314 S 6th .....Tri-State 52578
.....Bell-Main 2009
.....Tri State 32491

TEXAS

DALLAS

Baker Valve Co (H W Dring & Co 3039-41 Elm .....Main 6891

PISTONS

MICHIGAN

HOWELL

Spencer-Smith Machine Co, ...Howell 29

OHIO

CLEVELAND

Aluminum Castings Co The (Lynite), 6201 Carnegie av .....Roseuale 3770

PISTONS & PISTON RINGS

NEW HAMPSHIRE

FRANKLIN

Hebert Mfg Co, The .....Franklin 124-4

PITCH, GROUND

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

PITCH, HARDWOOD

TENNESSEE

MEMPHIS

Forest Products Chemical Company, I C & Speed av .....Hemlock 227

PITCH INSULATING

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

PITCH-ROOFING

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl .....Rector 600
Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727

PLAIN & FANCY UPHOLSTERY NAILS

CONNECTICUT

NEW BRITAIN

Trant & Hine Mfg Co The, 910 Stanley .....New Britain 9

PLAITERS—SEE ALSO PLEATERS

PLAITERS & FLUTERS

NEW YORK

NEW YORK CITY

Star Pleating Co, 101 W 23d.....Chelsea 5225
See our Catalog Space, page 994

PLANERS

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre .....Canal 642
Terminal Machine Co, 406-08 Broome...Cortland 3169

PLANERS, METAL

OHIO

CINCINNATI

Bickett Machine & Mfg Co The, 1110-1124 Richmond .....West 4056

PLANERS, OPENSIDE, DOUBLE HOUSING

MARYLAND

BALTIMORE

Detrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

PLANING MILL (CUSTOM DRESSING)

ILLINOIS

CHICAGO

Acme Box Company, 22d & Loomis.....Canal 424

PLANING MILLS

PENNSYLVANIA

PITTSBURGH

Diebold E M Lumber Co, 6853 Station...Hiland 3608

PLASTER

ILLINOIS

CHICAGO

Bestwall Mfg Co, 25 N Dearborn.....Randolph 3886

IOWA

FT DODGE

Plymouth Gypsum Co (Gypsum Products), 1st Natl Bank bldg.....Ft Dodge 71

PLASTER, EXTERIOR CEMENT, OVERCOATING & STOCO WORK

ILLINOIS

CHICAGO

Kreamer & Co, 118 N LaSalle.....Franklin 2551

PLASTERERS

ILLINOIS

CHICAGO

Kreamer & Co, 118 N LaSalle.....Franklin 2551

MICHIGAN

DETROIT

Interstate Plastering Co Inc, Ford bldg.....Main 3149

PLASTERERS, (CONTRACTORS)

KENTUCKY

LOUISVILLE

Bannon Wm P, cor Brook & Bloom ..... Bell-South 153 Home-City 8380

PLASTIC CEMENTS

OHIO

CLEVELAND

Eclipse Paint & Mfg Co The (Armorcote), 6408 Euclid av .....Rosedale 1350

PLATE METAL CONSTRUCTION HEAVY & LIGHT

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church.Cortland 6424

PLATERS

ILLINOIS

CHICAGO

Amber Plating Works, (John H Chapp) 2061 Southport av .....Diversey 3402
Mercil B & Sons Plating Co, 1911 Fulton..Seeley 105
Monarch Plating Works, 126 S Clinton.....Main 2791
See our Catalog Space, page 994

MICHIGAN

DETROIT

Bromley Electro Plate Works, Barney Nehls prop 248 Brush.....Main 550

NEW YORK

BUFFALO

Fries A G Plating Co (Every Variety Metal for Manufacturing Trade) 198-200 Terrace .....Seneca 3129-J

NEW YORK CITY

Kolb Gustave F (Hotel Work a specialty, Silver Plating) 142-144 E 59th.....Plaza 4164
Trichlinger J, 180 W Houston.....Spring 3733

PLATERS, AUTO PARTS, BARREL PLATING

ILLINOIS

CHICAGO

Monarch Plating Works, 126 S Clinton....Main 2791
See our Catalog Space, page 994

MICHIGAN

DETROIT

Bromley Electro Plate Works, Barney Nehls prop 248 Brush.....Main 550

PLATERS—BARREL PLATING ONLY

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

PLATERS, BLUE

ILLINOIS

CHICAGO

Brownie Mfg Co, 548 W Lake.....Franklin 1282

PLATERS' CHEMICALS

NEW YORK

NEW YORK CITY

Ratner A E Co Inc, 59 Pearl.....Broad 5234

PLATERS—ELECTRO

MISSOURI

ST LOUIS

Rick-Felton Plating & Mfg Co, 4219 Olive .....Bell-Lindell 1498 Kinloch-Central 1347

PLATERS, ELECTRO, MECHANICAL

ILLINOIS

CHICAGO

Mercil B & Sons Plating Co, 1911 Fulton.Seeley 105
Monarch Plating Works, 126 S Clinton.....Main 2791
See our Catalog Space, page 994

PLATERS AND ENAMELERS

ILLINOIS

CHICAGO

Bagley Alex T Co, 318 S Canal.....Harrison 1247

OHIO

DAYTON

Dayton Plating & Mfg Co The, 28 S St Clair.Main 752

PLATERS AND FINISHING, MECHANICAL

ILLINOIS

CHICAGO

Mercil B & Sons Plating Co, 1911 Fulton..Seeley 105
Monarch Plating Works, 126 S Clinton.....Main 2791
See our Catalog Space, page 994

PLATERS, GOLD, SILVER AND NICKEL

ILLINOIS

CHICAGO

Bagley Alex T Co, 318 S Canal.....Harrison 1247

PLATERS, GOLD, SILVER, NICKEL, BRONZE & BRASS

OHIO

CLEVELAND

Central Plating Works, 708 Vincent av .....Bell-Main 2604 Ohio State-Central 2049

PLATERS, GOLD, SILVER & NICKEL, HOTEL WORK

ILLINOIS

CHICAGO

Neumann & Nobert, 214 N State.....Central 51

PLATERS, MECHANICAL

ILLINOIS

CHICAGO

Mercil B & Sons Plating Co, 1911 Fulton..Seeley
Monarch Plating Works, 126 S Clinton.....Main 2
See our Catalog Space, page 994

PLATERS, METAL

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp, ...Waterbury 3960

PLATERS—MIRRORS & PLATE GLASS

OHIO

SPRINGFIELD

Clifton Plating & Mfg Co The, 113 W Main ..... Bell-Main 796 Ohio State 796

PLATERS, NICKEL

ILLINOIS

CHICAGO

Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545

PLATERS, NICKEL, BRASS, COPPER, SILVER

ILLINOIS

MOLINE

Western Pattern & Mfg Co, 428, 3d av....Moline 709

PLATERS OF ALL METAL PRODUCTS

MINNESOTA

ST PAUL

St Paul Electro Plating Wks, 278 Minnesota cor 2d..... Bell-Cedar 2267 Tri State 24263

OHIO

CLEVELAND

Products Plating Works, 5817 Euclid av. Rosedale 1463

PLATERS AND POLISHERS

ILLINOIS

CHICAGO

Bagley Alex T Co, 318 S Canal.....Harrison 1247
Brownie Mfg Co, 548 W Lake.....Franklin 1282
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 3560

PLATERS AND POLISHERS SUPPLIES

ILLINOIS

CHICAGO

Clinton Supply Co, 117 S Clinton.....Main 5064
Crown Rheostat & Supply Co, 15-17 S Desplaines .....Monroe 3111
L'Hommedieu Chas F & Sons Co, 4521 Ogden av .....Lawndale 3992
L'Hommedieu Chas F & Sons Co, 26 S Clinton .....Franklin 3598

PLATERS—SHEET, ZINC AND TIN PLATES

ILLINOIS

PERU

American Nickeloid Co, 1601, 2d.....Peru 374

PLATERS AND SILVERSMITHS

ILLINOIS

CHICAGO

Fife Company, 1029 S Wabash av.....Harrison 5825

PLATERS, TIN

ILLINOIS

CHICAGO

Doering O & Son Inc, 1375 W Lake.....Monroe 921

PLATES—FLATTENED, GROUND & POLISHED

PENNSYLVANIA

BEAVER FALLS

Moltrup Steel Products Co, (Foundry Pattern Plates, Steel Engraving Plates)..Beaver Falls 730

PLATINUM, BOUGHT & SOLD

ILLINOIS

CHICAGO

Cassriel Alexander Co, 128-132 S Wabash av .....Central 3150

PLATINUM REFINERS AND MANUFACTURERS

NEW JERSEY

NEWARK

American Platinum Works, 225 N J R R av .....Mulberry 1047
Bender Henry, 42 Walnut.....Market 6912

PLAYER-PIANO AND ORGAN LEATHERS

MASSACHUSETTS

BOSTON

White Son Co, 530-540 Atlantic av Main 196

PLAYER PIANOS, METAL ELBOWS & WINDGATES

NEW YORK

NEW YORK CITY

Goetz Jacob, 123 Nostrand av Bklyn....Wmsburg 4941

PLAYGROUND APPARATUS

INDIANA

ANDERSON

American Playground Device Co, 25th and Belt Ry .....Anderson 526

MISSOURI

ST LOUIS

Medart Fred Mfg Co, Potomac & DeKalb...Sidney 4315

OHIO

SPRINGFIELD

Everwear Mfg Co The, 35 S Sycamore.Springfield 902

PLAYGROUND APPARATUS & EQUIPMENT

ILLINOIS

CHICAGO

Tothill W S, 1815 Webster av.....Humboldt 1317

PLAYING CARDS—MNFRS.

ILLINOIS

CHICAGO

Standard Playing Card Co The, 345 W Austin av .....Main 4270

PLAYSUITS FOR CHILDREN

NEW YORK

NEW YORK CITY

Sackman Bros Co, 23 E 22d.....Gramercy 4553

PLEATERS

NEW YORK

NEW YORK CITY

Hacker Plaiting Co (Pleating in all its branches. Hemstitching, Plaiting Patterns, Our semi made and Ready to wear skirts are famous), 132 W 27th .....Farragut 3280
See our Catalog Space, page 994
Star Pleating Co, 101 W 23d.....Chelsea 5225
See our Catalog Space, page 994

PLEATING, BUTTONS, EMBROIDERING & HEMSTITCHING

NEBRASKA

OMAHA

Ideal Button & Pleating Co, Brown bldg...Douglas 1936

PLEATING & FLUTING MACHINES

NEW YORK

NEW YORK CITY

Durbrow & Hearne Mfg Co, 12 Worcester....Canal 8669
See our Catalog Space, page 1000.

PLEATING, HEMSTITCHING AND PATTERN MAKERS

NEW YORK

NEW YORK CITY

Fashion Pleating Co, 501-503, 6th av...Faragut 6395

PLEATING MACHINES AND PLEATING PATTERNS

ILLINOIS

CHICAGO

Maxant Button & Supply Co, 118-124 S Clinton .....Main 4037

PLEATING & PINKING MACHINES

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 43-47 W 24thFarragut 3730

PLIERS

NEW YORK

ELMIRA

Cronk & Carrier Mfg Co The, 15 Lake..Elmira 1157-J

PLOW MANUFACTURERS

ILLINOIS

DIXON

Grand Detour Plow Co, 916 Depot av.....Dixon 46

INDIANA

EVANSVILLE

Vulcan Plow Co The (Vulcan Chilled Plows No 41 Tractor Gauges), 101 Lower First.Evansville 331

PLOWS—TRACTOR GANGS

WISCONSIN

RACINE

Case J I, T M Co, State and Douglas....Racine 103
See our Catalog Space, page 918

PLUMBERS BRASS GOODS

ILLINOIS

CHICAGO

Chicago Faucet Co The, 2712 N Crawford av .....Belmont 785

PENNSYLVANIA

PITTSBURGH

Acheson Manufacturing Co, Rankin Pa, Braddock P O .....Bradok 64

PLUMBERS EARTHENWARE

NEW JERSEY

TRENTON

Monument Pottery Co The, Ingham av and P R R.....Tranton 1817
Trenton Potteries Co The, 309-311 N Clinton av .....Trenton 2680

WEST VIRGINIA

WHEELING

Wheeling Sanitary Mfg Co, 4th and West.Wheeling 766

PLUMBER'S FURNACES AND BLOW TORCHES—MXFRS.

INDIANA

TIPTON

Oakes Mfg Co The, 216 W Dearborn .....Tipton 654

PLUMBERS' SPECIALTIES, HOT WTR, RELIEF & VACUUM VALVES

MASSACHUSETTS

MALDEN

Donnelly Manufacturing Co, 29 Mills.....Malden 2020

PLUMBERS' SUPPLIES

COLORADO

DENVER

Hedges-Atkins Supply Co The, 1834 Blake..Main 1606

CONNECTICUT

HARTFORD

Pilmpton & Hills Corp The, 2 S Ann.....Charter 3972

NEW HAVEN

Peck Bros & Company The, 127 Chestnut..Liberty 108

ILLINOIS

CHICAGO

Imperial Brass Mfg Co, 1200 W Harrison.Haymkt 741
Kelly Thos & Bro, 404 S Kolmar av.....Kedzie 83
Lavin L & Co, 709-713 N Wells.....Superior 1636
Shane & Co, 3304-3310 Wentworth av....Drover 409
Verbeck Harry Co, 175 W Jackson bl....Harrison 217
Wolff L Mfg Co, 601 W Lake.....Monroe 150

NORTH CHICAGO

Gibson Bros Mfg Co, Davis and Morrow avs .....N Chicago 649

MICHIGAN

STURGIS

Miller Charles A Company, Tank Trimmings and Closet Seats.....Sturgis 27

MISSOURI

KANSAS CITY

K C Flash & Drain Supplies, 1112 Oak .....Home Main 9157

OHIO

CLEVELAND

Cuyahoga House Wrecking Co The, 6311 Kinsman rd.....Bell-Rosedale 144 Ohio State-Central 3422-W

PENNSYLVANIA

PHILADELPHIA

American Tin & Terne Plate Co, 24th and Vine .....Locust 165

PLUMBERS SUPPLIES (LAUNDRY TRAYS)

ILLINOIS

CHICAGO

Chicago Granitine Mfg Co, 3617 Wall....Drover 4193
Wesley Chas Co, 3116-3128 S Canal.....Yards 1095

PLUMBERS' SUPPLIES (MANUFACTURERS)

CONNECTICUT

NAUGATUCK

Russell John M Mfg Co The Inc.....Naugatuck 454

DELAWARE

WILMINGTON

Speakman Supply & Pipe Co, 30th and Spruce .....Wilmington 188

ILLINOIS

WAUKEGAN

Northern Brass Mnfg Co The, Madison and Sand .....Waukegan 201

MISSOURI

KANSAS CITY

Prier Brass Mfg Co, 15th and Blue River .....Bell-East 1164 Home-East 1164

PLUMBERS' SUPPLIES (SECOND HAND)

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877, 620 E 14th.....Forsyth 9280

PLUMBERS SUPPLIES & HEATING SUPPLIES

ILLINOIS

BUSHNELL

Bushnell Pump Co, South Dean st..Bell-Bushnell 25
.....Home-Main 13

IOWA

CEDAR RAPIDS

Dearborn Brass Co, B av and 8th W..Cedar Rapids 2278

MINNESOTA

ST PAUL

Cochran Sargent Co, 180-4 E 6th .....NW Cedar 1571 Tri State 25818

WISCONSIN

SUPERIOR

Duplex Manufacturing Co, 1800 Central av .....Bell-Broad 240 Independent-Ogden 926

PLUMBERS SUPPLIES & HEATING SUPLS. MFG. & JOBBERS

IOWA

DUBUQUE

Dubuque Sanitary Mfg Co, 10th and Jackson .....Dubuque 4212

PLUMBERS & TINNERS SUPPLIES

OHIO

CINCINNATI

McDonald Jas & Son Co, 9th and Sycamore.Canal 2720

PLUMBERS' TOOLS

ILLINOIS

CHICAGO

Clifford Peterson Tool Co, 606 W Randolph .....Haymarket 217

PLUMBERS TRAP MANUFACTURERS

OHIO

CLEVELAND

Cudell F E, 10013 Detroit av.....Edgewater 1282

PLUMBERS WOODWORK

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st .....Canal 3137
See our Catalog Space, page 1026

PLUMBERS WOODWORK (CLOSET TANKS, SEATS)

CONNECTICUT

NEW BRITAIN

Olmstead-Thomson Mfg Co The.....New Britain 42-3

PLUMBERS & GAS FITTERS

ILLINOIS

CHICAGO

Hanley & Company, 6 N Lasalle.....Franklin 185

NEW YORK

NEW YORK CITY

Lieblich H & Co, 653 W 181st.....St Nicholas 287

PLUMBING AND DRAINAGE

MISSOURI

ST LOUIS

Sheehan Thos J Co, 1428 Olive .....Bell-Main 210 Kinloch-Central 6199

PLUMBING & HEATING

LOUISIANA

NEW ORLEANS

Caiennie Company Ltd, Carondelet & St Joseph ..... Main 4020

MISSOURI

ST LOUIS

Clancy Wm M Plumbing & Heating Co, 5072 Delmar av .....Forest 6070

PLUMBING AND STEAM FITTING

VIRGINIA

DANVILLE

Vass-Watson Corporation, 314 Craighead st ..... Danville 29

PLUSH MANUFACTURERS

NEW YORK

NEW YORK CITY

Stroock S & Co, 11 E 26th.....Mad Sq 8256

PLUSHES AND COTTON VELOURS

NEW YORK

NEW YORK CITY

Timme E F & Son, 251, 4th av.....Gramercy 2735

PLY WOODS

WISCONSIN

MILWAUKEE

Waetjen, Geo L & Co, 110-120 Reed...Hanover 1484

PNEUMATIC GOODS, MATTRESSES AND CUSHIONS

MASSACHUSETTS

ATHOL

Athol Manufacturing Company .....Athol 330

PNEUMATIC MACHINERY

ILLINOIS

CHICAGO

Wright David A, 568 W Washington bl..Franklin 5899

PNEUMATIC TANKS AND SYSTEMS

ILLINOIS

PEORIA

Ideal Tank & Supply Co, 307-11 Chestnut st.Main 5124

PNEUMATIC TOOLS

ILLINOIS

CHICAGO

Chicago Pneumatic Tool Co, Fisher bldg.Harrison 687

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580

OHIO

DAYTON

Dayton Pneumatic Tool Co The, Hartford and Big 4 R R.....Main 4565

PNEUMATIC TUBE CARRIERS

NEW YORK

NEW YORK CITY

MacMillan D & Son, 68 Ryerson st, Bklyn.Prospect 6032

PNEUMATIC TUBES

ILLINOIS

CHICAGO

Universal Tube Co, 145 W Ohio.....Superior 1750

POCKET BOOKS

NEW YORK

NEW YORK CITY

Rumpp C F & Sons Inc, 411 & 412 Fifth av .....Murray Hill 4541

PENNSYLVANIA

PHILADELPHIA

Rumpp C F & Sons Inc, 5th and Cherry ..... Bell-Market 2182 Keystone-Main 994

POINTING MATERIALS FOR MARBLE, TERRA-COTTA, ETC.

ILLINOIS

SPRINGFIELD

Lyko Co Inc, 9th and Madison.....Main 1286

POKER CHIPS, CHECKERS & DOMINOES

NEW YORK

NEW YORK CITY

Harris G H Co The, 49-61 Clymer Brooklyn .....Wmsburg 3388

POKER SETS

NEW YORK

NEW YORK CITY

Bubeck & Guerin, 161-163 W 18th.....Chelsea 4119

POKER SETS, PLAYING CARDS, BRIDGE WHIST—PREMIUMS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston.....Spring 2367

POLE LINE HARDWARE MAST-ARMS, BRACKETS, MFRS.

CONNECTICUT

NEW BRITAIN

Brady Electric Mfg Co The, 42 Center.New Britain 1471

PENNSLYVANIA

PHILADELPHIA

Harris S A & Co, 119 S 4th.....Lombard 2622

POLES

ILLINOIS

CHICAGO

Fowler John H Co, Fisher bldg .....Harrison 641

NEW YORK

NEW YORK CITY

Morris Elmer P, 136 Liberty.....Rector 826

WISCONSIN

MARINETTE

Menominee White Cedar Co, 901 Maggie.Marinette 27

POLES (WOOD)

ILLINOIS

CHICAGO

Naugle Pole & Tie Co, 5 S Wabash av.Randolph 6092

MINNESOTA

MINNEAPOLIS

Page & Hill Co, Plymouth bldg Bell-Main 2825 .....Tri State 31159

MISSOURI

ST LOUIS

Chapin E T Co, Railway Exchange bldg..Olive 1832

WASHINGTON

SPOKANE

Chapin E T Co, Columbia bldg.....Main 1157

POLES, FLAG, CLOTHES & SCAFFOLD

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167 First av...Plaza 35

POLES, POSTS & TIES

MINNESOTA

DULUTH

Duluth Log Company, Palladio bldg Bell-Melrose 1828 .....Zenith-Grand 1300

MINNEAPOLIS

Partridge T M Lumber Co, Lumber Exch bldg Bell-Main 377 .....Tri State 32908

POLES & TIES

MINNESOTA

MINNEAPOLIS

Coolidge & Schussler, Metropolitan Life bldg Bell-Main 897 .....Tri State 37897
Valentine-Clark Co The, Security bldg..Bell-Main 851 .....Tri State 32009

POLICE, SHERIFF AND DETECTIVE SUPPLIES

ILLINOIS

CHICAGO

Detective Publishing Co The, 1029 S Wabash av .....Harrison 1465

POLICY LABELS

ILLINOIS

CHICAGO

Willson H H Co, 501 S Dearborn.....Harrison 2129

POLISH MNFRS. AUTO—FURNITURE—METAL

MICHIGAN

DETROIT

Cline J H Polish Co ("Its-It") 969 Trumbull av ..... Glendale 6774-J

PENNSLYVANIA

SCRANTON

Oleum Products Co, 1129-31 Capouse av. Scranton 2900

POLISH MNFRS—AUTO, METAL, FURNITURE AND GLASS

INDIANA

LA FAYETTE

Hoosier Maid Factory The, On Hoosier Maid Lane ..... LaFayette 204

POLISH MANUFACTURERS, AUTO, METAL, STOVE

MISSOURI

ST LOUIS

Electric Shine Polish Works (Jobbers in Specialties), 3020 Carter. Bell-Tyler 702-W Kinloch-Central 9657-L

POLISH MNFRS—FLOORS, FURNITURE & AUTOMOBILES

WISCONSIN

RACINE

Gold Medal Polish Co..... Racine 944

POLISH MFRS.—LIQUID PASTE & POWDER

MICHIGAN

DETROIT

American Janitor Supply Co, 313-315 Jefferson av E ..... Main 1582

POLISH MNFRS, METAL & FURNITURE

PENNSYLVANIA

PITTSBURGH

Duquesne Polish Co (Non Explosive Metal Polish our Specialty), 78 S 13th S S. Hemlock 162

POLISH MNFRS. STOVE

ILLINOIS

STERLING

Black-Silk Stove Polish Works 407 Av A..... Bell-Main 370 Interstate 80

POLISH MFRS. WOOD, VARNISH AND METAL

NEW JERSEY

TRENTON

Cosmic Chemical Co, Inc, New York av and Mulberry ..... Trenton 1891

POLISH RE-NEWER (GREASELESS)

NEBRASKA

OMAHA

Universal Chemical Co ("Universal") 314-16 S 12th..... Douglas 8747

POLISH, WAX DRESSING FOR FURNITURE AND FLOORS

PENNSYLVANIA

PHILADELPHIA

Victory Chemical Co, 312 N 15th..... Spruce 3605

POLISHING LIME

ILLINOIS

CHICAGO

Allwood Lime Company, 30 N Dearborn. Randolph 897
See our Catalog Space, page 970

POLISHING MATERIALS

NEW YORK

NEW YORK CITY

Brillo Manufacturing Co, 517-521 W 45th. Bryant 1195
Mirrorlike Mnfg Co, 203, 8th, L I C... Hunters Pt 1451

POLISHING & PLATING

OHIO

CLEVELAND

Champion Plating Works, 5902 Carnegie av ..... Rosedale 1615

POLO GOODS

NEW YORK

NEW YORK CITY

Bartscher William, 85 Wallabout, Brklyn.. Wmsbg 3627

POPPET VALVE ENGINES

WISCONSIN

MILWAUKEE

Nordberg Mfg Co, Chicago & Oklahoma av. Hanover 3070

POPPY SEED OIL

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway..... Whitehall 240

PORCELAIN GUIDES FOR TEXTILE MILLS

NEW YORK

NEW YORK CITY

Mitchell-Bissell Co, 251, 4th av..... Gramercy 424

PORCH SWING MANUFACTURERS

OHIO

PLYMOUTH

Fleming John S, Riggs av..... Plymouth 28

PORK PACKERS

WEST VIRGINIA

WHEELING

Kalbitzer C Packing Co The, 4123 Water ..... Bell-Wheeling 1695 National 1726

PORK PACKERS AND LARD REFINERS

ILLINOIS

CHICAGO

Hately Brothers, 141 W Jackson bl.... Harrison 7225

PORK PRODUCTS

NEW JERSEY

TRENTON

Margerum Provision Co, 5-7-9 Second.... Trenton 815

PORTABLE AND BUCKET ELEVATORS FOR FARM USE

ILLINOIS

BLOOMINGTON

Portable Elevator Mfg Co..... Bell-Bloomington 397-R Kinloch 930

PORTABLE BUILDINGS

MARYLAND

BALTIMORE

Pruden C D Co The, Warner and Dock.... South 596
See our Catalog Space, page 926

MASSACHUSETTS

BOSTON

Pruden C D Co The (H C Langille), 95 Hunt av ..... Back Bay 3638
See our Catalog Space, page 926

NEW YORK

NEW YORK CITY

Dallery Geo W, 129 E 138th..... Melrose 9966
See our Catalog Space, page 995
Hoboken Garage Mfg Co ("Durabilt" Portable Steel and Wood Buildings of all kinds. Garages, Storehouses, etc) 1328 Broadway ..... Greeley 1576
Kolb Portable Building Co, 36 Church.. Cortland 4091
See our Catalog Space, page 995
Pruden C D Co The (Leigh Pruden), 56 Pine ..... John 2080
See our Catalog Space, page 926
United States Portable Building Corp (Portable Wood & Steel Buildings of every description. Bungalows, Garages, Factories, Hospitals) 115 Broadway ..... Rector 3048

OHIO

DAYTON

National Lumber Mfg Co, 4th and Wyandot ..... Bell-Main 267[illegible] Ohio State 232[illegible]

PENNSYLVANIA

PHILADELPHIA

Pruden C D Co The (F H Whiteman), 140 N 6th..... Market 246[illegible]
See our Catalog Space, page 926

WISCONSIN

MILWAUKEE

Eslein Sheet Metal Works, 1001, 80th.. Kilbourn 53[illegible]

PORTABLE BUILDINGS, EVERY DESCRIPTION

MISSOURI

ST LOUIS

Miller Mnfg Co, 8000 Alabam[illegible] Riverside 28
Miller-Wiese Construction C[illegible] Sidney 2462
and Meramec .....

PORTABLE BUILDINGS GALVANIZED STEEL OR STUCCO

PENNSYLVANIA

PHILADELPHIA

Moister M & Co, 3931 N 5th.....Tioga 2984

PORTABLE BUILDINGS—STEEL

MINNESOTA

ST PAUL

Metal Shelter Co, S' Wabasha & Water ..... Bell-Robie 800 Tri State 25855

PORTABLE CONVEYORS

NEW JERSEY

PASSAIC

Portable Machinery Co Inc, 25 Park Place.Passaic 3192

PORTABLE HOUSES FOR BUILDERS & CONTRACTORS

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167 First av...Plaza 35

PORTABLE LAMPS & SHADES

NEW YORK

NEW YORK CITY

Peerless Light Co, 125 Chambers.....Worth 2058

PORTFOLIOS AND BRIEF CASES (MANUFACTURERS)

NEW YORK

NEW YORK CITY

rband Leather Goods Co, 153-159 W 15th .....Chelsea 1305

PORTRAIT COPYING

ILLINOIS

CHICAGO

icago Portrait Co, 509 S Wabash av.Harrison 6550
nsolidated Portrait & Frame Co, 1029 W Adams .....Haymarket 3812
ples Portrait & Frame Co, 2054 W Lake.West 3424

PORTRAITS AND FRAMES

ILLINOIS

CHICAGO

nsolidated Portrait & Frame Co, 1029 W Adams .....Haymarket 3812

PORTRAITS AND PICTURE FRAMES

ILLINOIS

CHICAGO

cago Copy Co, 1401 Clybourn av....Diversey 4891

POST CAPS (STEEL FOR WOOD COLUMNS)

OHIO

CLEVELAND

Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

POST CARD RACKS

ILLINOIS

CHICAGO

Riebel Fred & Co, 6221 Wentworth av...Normal 820

POST CARD RACKS, ALL SHAPES, SIZES & DESIGNS

MASSACHUSETTS

BOSTON

National Rack Company The, 355 Warren.Roxbury 5565

POST CARDS

NEW YORK

NEW YORK CITY

Bromide Mfg Co Inc, 32 Union sq.....Stuyvesnt 3249
See our Catalog Space, page 995

POST CARDS, COMICS, BIRTHDAY, SEASON CARDS, BOOKLETS

ILLINOIS

CHICAGO

Rigot Max Selling Agency, 37 S Wabash av .....Randolph 938

POST CARDS—HAND COLORED

NEW YORK

NEW YORK CITY

Caroselli & Co, 101 W 42d.....Bryant 4275

POSTAGE STAMP VENDING MACHINES—MNFRS.

INDIANA

ANDERSON

United States Stamp Vending Co, 1525 Main .....Anderson 119

POSTAGE STAMPS FOR COLLECTORS—U. S. AND FOREIGN

MASSACHUSETTS

BOSTON

Colson Warren H, 184 Boylston.....Back Bay 3502

POSTER ADVERTISERS

OHIO

CLEVELAND

Bryan Co The, 2120 E 19th.....Prospect 1936

POSTER ADVERTISING

ILLINOIS

CHICAGO

American Posting Service, 757 W Jackson bl .....Monroe 1963
Poster Advertising Assn, 28 E Jackson bl Steger bldg .....Harrison 32

POSTER LITHOGRAPHERS

ILLINOIS

CHICAGO

Schmidt Theo A Litho Co, 1050 Fullerton av ..... Lincoln 2505

POSTER PRINTERS

ILLINOIS

CHICAGO

Central Printing & Engraving Co, 221 Institute pl.....Superior 4922

OHIO

CINCINNATI

Hennegan & Co, 311-321 Genesee.....Canal 4752

POSTER PRINTERS, BLOCK & TYPE

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty .....Canal 2415

POSTER PRNTRS (UNIONLABEL) ENGRAVED & LARGE TYPE

OHIO

CINCINNATI

Runey Show Print, 216 W Liberty.....Canal 2415

POSTS, CEDAR

WISCONSIN

MARINETTE

Menominee White Cedar Co, 901 Maggie.Marinette 27

POTASH—CRUDE, CYANIDE, PRUSSIATE

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-16 Clybourn av..Diversey 4410
See our Catalog Space, page [illegible]

POTS (PAPER) FOR FOOD PRODUCTS

NEW JERSEY

NEWARK

Mono-Service Company, Verona av & Oraton st .....Branch Brook 4300
See our Catalog Space, page [illegible]

POTS AND BRUSHES, MARKING AND STENCIL

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co, 52 Ideal blk..Belleville 162
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POTTERY (MNFRS)

NEW JERSEY

WOODBRIDGE

Woodbridge Pottery Co, Rahway av & Main.....

POTTERY, COMPOSITION FOR INTERIOR DECORATING

NEW JERSEY

RAHWAY

Peerless Statuary Co, 31-33 Main.....Rahway 276-R

POTTERY—DINNER & FANCY DESIGNS PREMIUM OR GENL TRADE

OHIO

SEBRING

Limoges China Company The ..... Bell-Sebring 16 Ohio State 40

POTTERY (SANITARY) MFRS.

NEW JERSEY

TRENTON

Sanitary Earthenware Specialty Co The, Southard St ..... Trenton 2280

POULTRY FEED

ILLINOIS

CHICAGO

Dickinson Albert Co The, 35th and California av .....McKinley 3000

MARYLAND

BALTIMORE

Dickinson Albert Seed Co The, Marine Bank bldg .....St Paul 4075

MASSACHUSETTS

BOSTON

Dickinson Albert Seed Co of Massachusetts The, Bd of Trade bldg.....Fort Hill 1820

MICHIGAN

DETROIT

Dickinson Albert Seed Co The, Chamber of Commerce bldg ..... Cherry 2377

MINNESOTA

MINNEAPOLIS

Dickinson Albert Seed Co The, Chamber of Commerce bldg.....Bell-East 5700 Tri State 41-321

NEW JERSEY

HOBOKEN

Nungesser-Dickinson Co, 1208 Hudson...Cortland 3604

NEW YORK

BINGHAMTON

Craver Dickinson Seed Co The, 1 George .....Binghamton 67

BUFFALO

Craver Dickinson Seed Co The, 329 Ganson .....Seneca 837

POULTRY—HOTELS & RESTAURANTS SUPPLIED

ILLINOIS

CHICAGO

Sloan Geo S & Sons, 62 W South Water..Central 1511

POULTRY SUPPLIES, BIRDS AND PETS

KENTUCKY

LOUISVILLE

Haller's Pet Shop & Poultry Supply House 210 West Market..... Bell-Main 2243 Home-City 2243

POULTRY SUPPLIES, MANUFACTURERS

INDIANA

TIPTON

Oakes Manufacturing Co The, 216 W Dearborn ..... Tipton 654

POULTRY SUPPLIES—MOES LIME FOUNTAINS, FEEDERS

ILLINOIS

CHICAGO

Holtt & Co Inc, 400 N Ashland av.....Monroe 2461

POWDER AND BLASTING SUPPLIES

ALABAMA

BIRMINGHAM

Du Pont de Nemours E I & Company, Brown-Marx bldg .....Main 5641

CALIFORNIA

SAN FRANCISCO

Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640

COLORADO

DENVER

Du Pont de Nemours E I & Company, Ideal bldg .....Main 214

DELAWARE

WILMINGTON

Du Pont de Nemours E I & Company, Du Pont bldg .....Wilmington 1720

ILLINOIS

CHICAGO

Du Pont de Nemours E I & Company, McCormick bldg 332 S Michigan av...Harrison 6602

MINNESOTA

DULUTH

Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

MISSOURI

JOPLIN

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

ST LOUIS

Du Pont de Nemours E I & Company, Wright bldg .....Main 3545

NEW YORK

NEW YORK CITY

Du Pont de Nemours E I & Company, Equitable bldg 120 Bway.....Rector 5720

PENNSYLVANIA

PITTSBURGH

Du Pont de Nemours E I & Company, May bldg .....Grant 6810

SCRANTON

Du Pont de Nemours E I & Company, Traders National Bank bldg.....Scranton 2560

WASHINGTON

SEATTLE

Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

WEST VIRGINIA

HUNTINGTON

Du Pont de Nemours E I & Company, Robson-Prichard bldg .....Huntington 336

POWDER AND DYNAMITE

ILLINOIS

CHICAGO

Burton Powder Co, Fisher bldg.....Harrison 5952

NEW YORK

NEW YORK CITY

Rack-a-Rock (Rendrock Powder Co) 106 Wall .....John 3212

PENNSYLVANIA

PITTSBURGH

Burton Powder Co, Empire bldg .....Court 140

POWDER, DYNAMITE AND EXPLOSIVES

INDIANA

TERRE HAUTE

Brums Powder Co, 15 North 8th ..... Bell-Terre Haute 1177 Independent 1122

POWDER, DYNAMITE AND STORAGE HOUSES

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

POWDER PUFF MNFRS.

NEW YORK

NEW YORK CITY

Cosin Co The, 30 E 23d st.....Gramercy 3615

POWDERS, ALUMINUM, ALSO SHEETS, RODS AND WIRE

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-89 Commerce....Liberty 432
See our Adv. page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 662
See our Adv. page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-6-8 Fort E.....Cadillac 282
See our Adv. page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway ..... Barclay 82
See our Adv. page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv. page 32, first page opposite Section 1

POWER EQUIPMENT

ILLINOIS

CHICAGO

Pfannmueller Engineering Co, First Nat Bank bldg .....Randolph 16
Power Equipment Co, Fisher bldg.....Harrison 6616

POWER EQUIPMENT, SECOND HAND

ILLINOIS

CHICAGO

American Machy & Boiler Co, 1749 N Kenton av ..... Belmont 1776

POWER HOUSE PIPING, EQUIPMENT, ETC.

PENNSYLVANIA

YORK

Lindemuth Engineering Co Inc, 155 N George ..... Bell-York 431-M
.....Independent-York 26-J

POWER PLANT ECONOMY APPARATUS

NEW YORK

NEW YORK CITY

Jehling Instrument Co, Empire bldg.....Rector 9638

POWER PLANT ENGINEERS—CONSULTING AND DESIGNING

ILLINOIS

CHICAGO

Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

POWER PLANT EQUIPMENT

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water.....York 557

POWER PLANT EQUIPMENT, (NEW & SECOND HAND)

INDIANA

INDIANAPOLIS

Ohio Power Equipment Co, Merchant Bank bldg ..... Main 6417

PENNSYLVANIA

PHILADELPHIA

Phalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963
.....Keystone-Race 20

POWER PLANT EQUIPMENT—ELECTL INSPECTIONS & TESTS

ILLINOIS

CHICAGO

Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

POWER PLANT EQUIPMENT & MILL SUPPLIES

MINNESOTA

ST PAUL

Hildred John W Co, 33 E 3d ..... Bell-Cedar 5238
..... Tri State 21603

POWER PLANT MACHINERY

OHIO

CINCINNATI

Randle Machinery Co The, 1723 Powers....Park 1905

POWER PLANT PIPING FABRICATED

ILLINOIS

CHICAGO

Limbert Geo B & Co, 568-70 Fulton.....Main 3984

POWER PLANT SPECIALTIES

IOWA

MARSHALLTOWN

Fisher Governor Co The, 201-3 S 1st av .....Marshalltown 82

POWER PRESSES

OHIO

SIDNEY

Sidney Power Press Co The, 331-411 North Miami av .....Sidney 171

POWER PRESSES & DIES

MARYLAND

BALTIMORE

Brown F S & G L Machine Co, 20 E Fort av .....South 300

POWER PUMPING UNITS

ILLINOIS

CHICAGO

Leader Iron Works, 327 S LaSalle.....Harrison 2391

DECATUR

Leader Iron Wks.....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th .....Murray Hill 330

POWER PUMPING UNITS—AUTOMATIC—ELECTRIC

ILLINOIS

CHICAGO

Leader Iron Works, 327 S LaSalle.....Harrison 2391

DECATUR

Leader Iron Wks.....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th.....Murray Hill 330

POWER PUMPING UNITS—GASOLINE ENGINE DRIVEN

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S LaSalle .....Harrison 2391

DECATUR

Leader Iron Wks .....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th ..... Murray Hill 330

POWER SPECIALISTS

NEW YORK

ALBANY

Utilities Engineering Co Inc (Agents for Electrical, Steam, Hydraulic Machinery), 102 Hamilton .....Main 2976

POWER TRANSMISSION

CALIFORNIA

SAN FRANCISCO

Morse Chain Co, Monadnock bldg.....Sutter 1975

CANADA

MONTREAL

Morse Chain Co, St Nicholas bldg.....Main 6772

ILLINOIS

CHICAGO

Morse Chain Co, Merchants Loan & Trust bldg ..... Central 565

MASSACHUSETTS

BOSTON

Morse Chain Co, 141 Milk .....Fort Hill 1140

MICHIGAN

DETROIT

Morse Chain Co, 1003 Woodward av.....North 4943

MINNESOTA

MINNEAPOLIS

Morse Chain Co, 413, 3rd st S.....Bell-Nicolett 160
.....Tri State 32-122

MISSOURI

KANSAS CITY

Morse Chain Co, R A Long bldg.....Main 3383

ST LOUIS

Morse Chain Co, Chemical bldg .....Olive 423

OHIO

CLEVELAND

Morse Chain Co, Engineers bldg.....Main 1941

NEW YORK

ITHACA

Morse Chain Works, General Office & Works.Ithaca 275

NEW YORK CITY

Morse Chain Co, 50 Church .....Cortland 6988

PENNSYLVANIA

PITTSBURGH

Morse Chain Co, Westinghouse bldg.. . Grant 1043

POWER TRANSMITTING MACHINERY

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 780
Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450
Weller Mnfg Co, 1856 N Kostner av..... Albany 4200

NEW YORK

BUFFALO

Transmission Ball Bearing Co, 1050 Military rd ..... North 4786
See our Catalog Space, page 920

OHIO

CLEVELAND

Hill Clutch Co The, West 65th and Breakwater av ..... Edgewater 1120

PREMIUM DINNER SETS OR SPECL ASSORTMENTS ALL SIZES

OHIO

SEBRING

Limoges China Company The ..... Bell-Sebring 16
..... Ohio State 40

PREMIUM GOODS (WHOLESALE)

ILLINOIS

CHICAGO

Holsman & Co, 179 W Madison..... Franklin 4397
Shure N Co, 237-241 W Madison..... Main 3482

PREMIUM GOODS, ALUMINUM COOKING UTENSILS

ILLINOIS

CHICAGO

Great Northern Mfg Co, 215 W Randolph. Franklin 5436

PREMIUM GOODS (MFRS.) OF MANICURE & TRAVELING SETS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 W Houston..... Spring 2367

PREMIUM GOODS, ORIGINAL

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other printed novelties, for children and grown-ups. Cardboard Toys), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

PREMIUMS

NEW YORK

NEW YORK CITY

Eberhard Company (Erasers, Clutch Pencils & Specialties), 1133 Broadway..... Farragut 8985
See our Catalogue Space, page 910

PREMIUMS—CHINAWARE FOR ALL USERS

OHIO

SEBRING

Sebring E H China Co The Bell-Sebring 11-W
..... Ohio State 3

PREMIUMS—CHINAWARE, SETS AND SPECIALTIES

OHIO

SEBRING

Saxon China Co The Bell-Sebring 22
..... Ohio State 28

PREMIUMS—SAFETY RAZOR MNFRS. FOR LARGE USERS

NEW YORK

NEW YORK CITY

Burham Safety Razor Co The, 64 Murray..Barclay 5638

PREMIUMS—SAFETY RAZOR OUTFITS

NEW YORK

NEW YORK CITY

Eagle Safety Razor Co, 66 W Bway..... Barclay 6637

PREPARED ROOFING MANUFACTURERS

OHIO

CINCINNATI

Chatfield Mfg Co The, 74th and Lebanon...Valley 600

PRESS CLIPPINGS

ILLINOIS

CHICAGO

Consolidated Press Clipping Co, 431 S Dearborn ..... Wabash 2430

INDIANA

INDIANAPOLIS

Central Press Clipping Service Indiana Pythian bldg ..... Main 6457

MASSACHUSETTS

BOSTON

Luce's Press Clipping Bureau, 8 Bosworth..Main 4027

MICHIGAN

DETROIT

Detroit Clipping Bureau, Hodges bldg....Cherry 128

MISSOURI

ST LOUIS

St Louis Press Clipping Co, Bell-Main 94
Navarre bldg ..... Kinloch-Central 2106

NEW YORK

NEW YORK CITY

Burrelle's Press Clipping Bureau, 60 Warren Barclay 7247
Romeike Henry Inc, 106-110, 7th av....Chelsea 8860

UTAH

SALT LAKE CITY

Intermountain Press Clipping Bureau, Boston bldg ..... Wasatch 3469

WASHINGTON

SEATTLE

Fullers News Bureau, Pacific bldg..... Main 285

WISCONSIN

MILWAUKEE

Clipping Co The, Caswell blk..... Grant 3920

PRESSED STEEL PRODUCTS

ILLINOIS

CHICAGO

Hoeft & Company, 400 N Ashland av..... Monroe 2461

PRESSES

NEW JERSEY

NEWARK

Zeh & Hahnemann Co, 190 Vanderpool...Waverly 994

NEW YORK

BUFFALO

Niagara Machine & Tool Co, Northland nr Filmore ..... Oxford 601

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642

PRESSES FOR MAKING METAL PATTERN PLATES

NEW YORK

NEW YORK CITY

Roovers Bros, 100 Schermerhorn Brooklyn..Main 3780

PRESSES FOR MAKING METAL TAGS

NEW YORK

NEW YORK CITY

Roovers Bros, 100 Schermerhorn Brooklyn..Main 3780

PRESSES—FORGING

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

PRESSES, FRUIT, WINE & JELLY

PENNSYLVANIA

PHILADELPHIA

Enterprise Mfg Co of Pa The, 3d Bell-Kensington 547
and Dauphin ..... Keystone-Park 28

PRESSES—HAND FOR STRAIGHTENING SMALL SHAFTS, ETC

OHIO

CINCINNATI

Towsley John T Mfg Co, 1037 Evans..... West 33

PRESSES, HYDRAULIC

ILLINOIS

CHICAGO

Elmes Charles F Engineering Works, 2[illegible] N Morgan ..... Haymarket 6[illegible]

PRESSES—HYDRAULIC AND POWER SCREW

ILLINOIS

CHICAGO

Perrin William R & Company, Old Colony bldg 37 W Van Buren.....Harrison 4374

PRESSES—HYDRAULIC AND SCREW

ILLINOIS

CHICAGO

Holmes Bros, 500 S Peoria .....Haymarket 2039

PRESSES, HYDRAULIC & STEAM HYDRAULIC

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway & C & P RR .....Bell-Alliance 500 Ohio State 2214

PRESSES—MECHANICAL & PUNCHING

NEW JERSEY

BRIDGETON

Ferracute Machine Co, East Commerce.Bridgeton 34

PRESSES—POWER PRESSES OF ALL DESCRIPTION

ILLINOIS

CHICAGO

Walsh Press & Die Co, 4709 W Kinzie....Austin 589

PRESSES, PUMPS, VALVES, FTGS & ACCUMULATORS, HYDRAULIC

NEW YORK

NEW YORK CITY

Hydraulic Press Mfg Co The, 39-41 Cortlandt ..... Cortland 5083

OHIO

MT GILEAD

Hydraulic Press Mfg Co The.....Independent 35

PRESSING MACHINES & PRESSING IRONS AND APPLIANCES

NEW YORK

NEW YORK CITY

Rosenbaum Mfg Co, 33 Bleecker.....Spring 1942

PRESSURE TANKS, WELDED

INDIANA

RICHMOND

Weldex Co, 12th and North E.....Automatic 1494

PRESTO—CLOTH MANUFACTURERS

OHIO

TOLEDO

Presto-Cloth Mfg Co Inc, The, 1224 Monroe .....Ohio State-Main 6021

PRICE CARDS

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway.Franklin 2411

PRIMING CUPS

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

PRINTED BAGS, BOXES & WRAPPING PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

PRINTERS

CONNECTICUT

STAMFORD

Eureka Press, Gay st .....Stamford 537
Gillespie Bros Inc The,.....Stamford 2100

ILLINOIS

CHICAGO

Blakely Printing Co The 418 S Market..Wabash 912
Cahill-Igoe Co, 117 W Harrison.....Wabash 2141
Donnelley R R & Sons Co, 731 Plymouth ct .....Harrison 350
See our Catalog Space, pages 947 and 997
Fantus Ernest L Co, 525 S Dearborn .....Bel'-Harrison 8246 Automatic 61-584
Goldschmidt Robert, 537 S Dearborn....Wabash 2119
Hall W F Printing Co, 466 W Superior..Superior 5080
Kenfield-Leach Co, 610 Federal.....Harrison 951
Linden Brothers, 720 S Dearborn.....Harrison 4540
Rand McNally & Co, 538 S Clark.....Wabash 363
See our Catalog Space, page 998
Rogers & Company, 2001 Calumet av...Calumet 5620
Rogers & Hall Co, 120 Polk st.....Wabash 3381
See our Catalog Space, page 996
Ryan & Hart Co, 324-326 Federal.....Wabash 488
Smith-McCarthy Typesetting Co, 568 S Dearborn.....Bell-Harrison 3864 Automatic 51-082
Tucker-Kenworthy Co, 501 S Lasalle.....Wabash 3378
Weinthrop A D & Co, 626 S Clark.....Wabash 2468

MOLINE

Desaulniers & Co, Caxton blk.....Moline 215

MICHIGAN

DETROIT

Service Printing Co, 176-178 Larned W.Cherry 2718

MINNESOTA

ST PAUL

Pioneer Company The, 3d and Minnesota .....Bell-Cedar 2792 Tri State 25864

MISSOURI

ST LOUIS

Becktold Printing & Book Mfg Co, 200-212 Pine .....Bell-Main 36 Kinloch-Central 2578
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

NEW JERSEY

JERSEY CITY

Jersey City Printing Co The, 160 Maple Bergen 4800

NEW YORK

BUFFALO

Offermann F J Art Wo[illegible] Broadway, ...Bell-Howard 449 Federal 24-327

LOCKPORT

Niagara Merchandising Co, (Catalogs, Folders, Booklets, General Job work) Chestnut and Charlotte .....Lockport 110

NEW YORK CITY

Atlas Press Inc, 231-233, 10th av.....Chelsea 8844
Bartlett Orr Press, 461-479, 8th av.....Greeley 4723
Burr Printing House, 18 Jacob.....Beekman 2395
Eggers John H Co Inc, 461, 8th av.....Greeley 1010
See our Catalog Space, page 997
McConnell Printing Co The, 226-242 William .....Beekman 2980
See our Catalog Space, page 997
O'Brien J J & Son, 122 E 23d.....Gramercy 5920

ROCHESTER

United Litho & Printing Co, 228-236 South av.....Bell-Main 1209 Rochester-Stone 945

SYRACUSE

Syracuse Press Inc The, 205-213 Walton.Warren 128

OHIO

CINCINNATI

Hennegan & Co, 311-321 Genesee.....Canal 4752

CLEVELAND

R & S Printing Service Corp The, Hippodrome Bldg .....Bell-Main 3885 Ohio State-Central 6[illegible]5
Savage J B Co The, 1395 E 3d.....Main 5240

DAYTON

Reynolds & Reynolds Co The, Washington and R R.....Bell-Main 335 Ohio State 4234

PENNSYLVANIA

PITTSBURGH

Interurban Press, 118 N Sheridan av....Hiland 7860

PRINTERS, ADVERTISING MATTER, GOOD BOOKLETS, ETC.

NEW YORK

NEW YORK CITY

Muscatine Joseph I, 201 William.....Beekman 3974

PRINTERS' ADVERTISING MATTER, UNUSUAL BOOKLETS, ETC.

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other Printed Novelties for Children and Grown-ups, Cardboard Toys), 461, 8th av.....Greely 1010
See our Catalog Space, page 997

PRINTERS AND BINDERS

ILLINOIS

CHICAGO

Bentley-Murray & Co, 159-61 N Wabash av .....Randolph 6140

PRINTERS—BOOK AND JOB

ILLINOIS

CHICAGO

Geraghty & Company, 3035-37 W Lake...Kedzie 401

PRINTERS, BOOK—JOB AND BINDERS

ALABAMA

BIRMINGHAM

Roberts & Son Mfg Stationers, 1810-12 3d av .....Main 3461

PRINTERS, CATALOG

ILLINOIS

CHICAGO

Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947 and 997
Rogers & Hall Co, 120 Polk st ..... Wabash 3381
See our Catalog Space, page 996

PRINTERS, CATALOG, HALF TONE AND COLOR WORK

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Unusual inducements in price, quality and speed of production in large editions), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

PRINTERS—CATALOG JOB HALF TONE & COLOR WORK

MINNESOTA

ST PAUL

Kaplan-Shadur Paper Box Co, 130 S Wabasha ..... Bell-Robie 136, Tri State 22216

PRINTERS, CATALOG LABEL & GENERAL PRINTING

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, 5th av N and 3d .. Bell-Nicollet 6692, Tri State 38341

PRINTERS, CATALOG, MECHANICAL

ILLINOIS

CHICAGO

Kreicker Wm G & Co, 608 S Dearborn .. Harrison 3241

PRINTERS—CATALOGS & BOOKLETS

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk st ..... Wabash 3381
See our Catalog Space, page 996

NEW JERSEY

PLAINFIELD

Phoenix Printing Company The Inc, 332-334 Leland av ..... Plainfield 598

PRINTERS, CATALOGS, COLOR WORK, ADVERTISING SERVICE

MINNESOTA

ST PAUL

Randall Company, 348 Wacouta ..... Bell-Cedar 61, Tri State 26761

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Unusual inducements in price, quality and speed of production on large editions), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

PRINTERS, COMMERCIAL

CALIFORNIA

SAN FRANCISCO

Commercial Printing & Supply Co Inc, 560 Mission ..... Sutter 2624

PRINTERS, COMPLETE SERVICE, DIRECT ADVERTISIN

MICHIGAN

GRAND RAPIDS

Cargill Company The, Wealthy and Commerce av ..... Bell-Main 815, Citizens 4310

NEW YORK

NEW YORK CITY

Arrow Press Inc, 324 West 39th ..... Greeley 330

PRINTERS COMPOSING STICKS, LINE MEASURES, ETC.

OHIO

SPRINGFIELD

Star Tool Mfg Co The ("Star" Line Measures), Shuey Factories bldg ..... Main 4195

PRINTERS, FOREIGN LANGUAGES

NEW YORK

NEW YORK CITY

International Press, 150 Lafayette ..... Canal 8934
Neumann Brothers, "The Linguistic Printers", 318-324 W 39th ..... Greeley 3520

PRINTERS—JOB

CONNECTICUT

NORWALK

Quality Print The, Wall and Water ..... Norwalk 470

PRINTERS, LABEL AND FOLDING BOX

ILLINOIS

CHICAGO

Chicago Label & Box Co The, 312 N May .. Monroe 5094

MINNESOTA

MINNEAPOLIS

Heywood Mfg Co, Fifth av N and Third ..... Bell-Nicollet 6692, Tri State 38341

PRINTERS, LABELS AND SOUVENIRS

OHIO

CINCINNATI

Feicke-Desch Printing Co The, 5th and Sycamore ..... Main 1138

PRINTERS' LITHOGRAPHERS' FINISHERS

NEW YORK

NEW YORK CITY

Wiener Bros (Varnishing, Gumming Die and Straight Cutting), 692-94 Bway, cor 4th st ..... Spring 8625

PRINTERS, MAGAZINES AND PUBLICATIONS

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk st ..... Wabash 3381
See our Catalog Space, page 996

PRINTERS—OFFICE SUPPLIES

ILLINOIS

ZION CITY

National Office Supply Co, Deborah av ... Zion City 40

PRINTERS—OFFSET

ILLINOIS

CHICAGO

Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947 and 997

MICHIGAN

DETROIT

Stubbs Co The, cor John R and Elizabeth .. Cherry 2404

PRINTERS, ON FABRICS

NEW YORK

NEW YORK CITY

United Textile Print Works Inc (Block & Air Brush Printing. Fast Colors Specialties on Silks, Chiffons. Crepes, Nets) 153-59 W 15th ..... Chelsea 3468

PRINTERS PAD & TABLET MFRS.

PENNSYLVANIA

PHILADELPHIA

Williams & Marcus Co, 212 South Darien st ..... Walnut 3155

PITTSBURGH

Williams & Marcus Co, Union Bank bldg ... Court 3791

PRINTERS, POSTERS

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Unusual inducements in price, quality and speed of production on large editions), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

PRINTERS—POSTERS, BANNERS, PENNANTS, FLAGS

OHIO

CINCINNATI

Runey Show Print, 216 W Liberty ..... Canal 241

PRINTERS—PRIVATE EDITIONS

ILLINOIS

CHICAGO

Darrow Printing Co, 633 Plymouth ct ... Harrison 30

PRINTERS, PUBLICATION

NEW YORK

NEW YORK CITY

Book & Newspaper Press (English and Twenty Languages, Moderate Prices), 384, 2d av .....Gramercy 5192

PRINTERS, PUBLICATION AND MAGAZINES

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk st.....Wabash 3381
See our Catalog Space, page 996

PRINTERS & PUBLISHERS

ILLINOIS

CHICAGO

Rand McNally & Co, 538 S Clark.....Wabash 363
See our Catalog Space, page 998

MISSOURI

ST LOUIS

Nixon-Jones Printing Co, 215 Pine Bell-Main 297
.....Kinloch-Central 825

NEW YORK

NEW YORK CITY

Rand McNally & Co, 42 E 22d.....Gramercy 3130
See our Catalog Space, page 998

PRINTERS (BOOK, JOB, CALENDARS, ETC.) & PUBLISHERS

PENNSYLVANIA

LANCASTER

Conestoga Publishing Co The, Bell-Lancaster 15
227-31 N Cherry.....Independent 350

PRINTERS, PUBLISHERS, BOOKBINDERS

INDIANA

ANDERSON

Gospel Trumpet Co, East 5th and Walnut. Anderson 6

PRINTERS, RAILROAD CATALOG BOOKLETS AND MAGAZINES

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk st.....Wabash 3381
See our Catalog Space, page 996.

PRINTERS—RAILROAD, TARIFF AND GENERAL

TENNESSEE

NASHVILLE

Ambrose Printing Co, 303-305 Church.....Main 615

PRINTERS, RAILWAY AND COMMERCIAL

ILLINOIS

CHICAGO

Collins' J J Sons, 1315 W Congress.....Monroe 1541

MISSOURI

ST LOUIS

Curran Con P Printing Co, 8th and Bell-Main 5191
Walnut .....Kinloch-Central 991

PRINTERS, ROTARY PRESS WORK IN COLOR

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Unusual inducements in price, quality and speed of production on large editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997
Hewlett Tempany Co, 208 Willoughby, Bklyn. Main 421

PRINTERS AND RUBBER STAMP MNFRS.

PENNSYLVANIA

PHILADELPHIA

Star Printing & Rubber Stamp Co, 308
S 5th .....Keystone-Main 4908-A

PRINTERS—SALES, DEVELOPMENT, CAMPAIGNS, FOLLOWUP

ILLINOIS

CHICAGO

Monarch Printing Co, 501-9 Plymouth ct. Wabash 5768

PRINTERS & STATIONERS

ARKANSAS

LITTLE ROCK

Democrat Printing & Lithographing Co,
210 E Markham .....Main 271

MINNESOTA

DULUTH

Stewart M I Company, 310-312 W 2d Bell-Melrose 114
.....Zenith-Grand 114

MINNEAPOLIS

Farnham Printing & Stationery Co, Bell-Main 430
417-421 Hennepin av.....Tri State 38327

PRINTERS STEEL COLUMN RULE

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

PRINTERS—STEEL DIE EMBOSSING

NEW YORK

BUFFALO

American Embossing Co, 196 Seneca...Federal 22-529

PRINTERS TICKETS AND NUMBERED PRINTING

ARKANSAS

FORT SMITH

Weldon, Williams & Lick, 711 N A st..Fort Smith 711

PRINTING, BINDING ENGRAVING

INDIANA

INDIANAPOLIS

Bookwalter-Ball Printing Co, 3[illegible] South Bell-Main 4305
Pennsylvania .....Automatic 24-595

PRINTING DIES (FOR WOOD & METAL)

MINNESOTA

ST PAUL

Northwestern Stamp Works, 110 E 3d Bell-Cedar 5896
.....Tri State 21546

PRINTING INK

ILLINOIS

CHICAGO

Kohl & Madden Printing Ink Co The, 124
W Polk .....Harrison 7445
Okie F E Company (R A Jaeger, Rep),
444 S Dearborn .....Harrison 5461

OHIO

CINCINNATI

Schwarm & Jacobus Co The, 906 Broadway. Canal 5582

PENNSYLVANIA

PHILADELPHIA

Okie F E Company, 127 S Second Bell-Lombard 3365
.....Keystone-Main 3357

PRINTING INK CONTAINERS, HIGH GRADE PRINTING INK

MINNESOTA

ST PAUL

Sensiba Mfg Co, 141 E 5th.....Bell-Cedar 4531
.....Tri State 24515

PRINTING & LITHO INKS, BRONZE POWDERS, ETC.

NEW YORK

NEW YORK CITY

Roberts Lewis Inc, 186 William.....Beekman 3497

PRINTING MACHINERY

MASSACHUSETTS

BOSTON

United Printing Machinery Co, 100
Summer .....Fort Hill 6220

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

PRINTING MACHINERY (REBUILT)

ILLINOIS

CHICAGO

Chicago Printers Machinery Wks, 721-23
Fulton .....Monroe 1814
Printers' Machine Works, 130 S Clinton....Main 1339

PRINTING MACHINERY AND SUPPLIES

NEW YORK

NEW YORK CITY

Wesel F Mfg Co, 72-80 Cranberry, Bklyn...Main 4540

PRINTING MACHINERY, TYPE AND SUPPLIES

CALIFORNIA

LOS ANGELES

American Type Founders Co, 121 N Bway.Main 372
See our Catalog Space, page 1019

SAN FRANCISCO

American Type Founders Co, 820-822 Mission .....Sutter 1950
See our Catalog Space, page 1019
Monotype Company of California Rialto bldg .....Sutter 6275
See our Catalog Space, page 999

CANADA

TORONTO, ONTARIO

Lanston Monotype Machine Co, Lumsden bldg .....Main 3251
See our Catalog Space, page 999

COLORADO

DENVER

American Type Founders Co, 1621 Blake...Main 1764
See our Catalog Space, page 1019

ILLINOIS

CHICAGO

American Type Founders Co, 517-19 W Monroe .....Franklin 1188
See our Catalog Space, page 1019
Lanston Monotype Machine Co, 417 S Dearborn .....Wabash 1652
See our Catalog Space, page 999

MARYLAND

BALTIMORE

American Type Founders Co, 213-215-217 North .....St Paul 3092
See our Catalog Space, page 1019

MASSACHUSETTS

BOSTON

American Type Founders Co, 270 Congress.Main 236
See our Catalog Space, page 1019
Lanston Monotype Machine Co, 170 Summer.Main 4840
See our Catalog Space, page 999

MICHIGAN

DETROIT

American Type Founders Co, 43-45 W Congress .....Cadillac 600
See our Catalog Space, page 1019

MINNESOTA

MINNEAPOLIS

American Type Founders Co, 419-423, 4th South .....Main 7156
See our Catalog Space, page 1019

MISSOURI

KANSAS CITY

American Type Founders Co, cor 10th and Wyandotte .....Main 1664
See our Catalog Space, page 1019

ST LOUIS

American Type Founders Co, 9th and Walnut.Main 2059
See our Catalog Space, page 1019

NEW YORK

BUFFALO

American Type Founders Co, 45 N Division.Seneca 1447
See our Catalog Space, page 1019

NEW YORK CITY

American Type Founders Co, 200 William.Beekman 3885
See our Catalog Space, page 1019
Conner, Fendler & Co, 96 Beekman.....Beekman 3970
See our Catalog Space, page 1019
Lanston Monotype Machine Co, World bldg .....Beekman 3155
See our Catalog Space, page 999

OHIO

CINCINNATI

American Type Founders Co, 646 Main....Canal 2037
See our Catalog Space, page 1019

CLEVELAND

American Type Founders Co, 15 St Clair av N E .....Main 1787
See our Catalog Space, page 1019

OREGON

PORTLAND

American Type Founders Co, 47 Fourth Pacific .....Bell-Broadway 890 Home-A-2264
See our Catalog Space, page 1019

PENNSYLVANIA

PHILADELPHIA

American Type Founders Co, 17-19 S 6th.Lombard 378
See our Catalog Space, page 1019
Lanston Monotype Machine Co, Locust and 24th .....Spruce 4471
See our Catalog Space, page 999

PITTSBURGH

American Type Founders Co, 323, 3d av...Court 548
See our Catalog Space, page 1019

VIRGINIA

RICHMOND

American Type Founders Co Inc, 1320 E Franklin .....Randolph 3157
See our Catalog Space, page 1019

WASHINGTON

SPOKANE

American Type Founders Co, Sprague av and Browne .....Main 413
See our Catalog Space, page 1019

WISCONSIN

MILWAUKEE

Milwaukee Printers Supply House, 125, 2d.Grand 352
See our Catalog Space, page 1019

PRINTING MACHINES FOR COLLARS, SHIRTS & UNDERWEAR

NEW YORK

TROY

Ready Machine Co, 396 N 3d av.....North 532-J

PRINTING PRESS MACHINISTS

ILLINOIS

CHICAGO

Chicago Printers' Machinery Works, 721 and 723 Fulton .....Monroe 1814

PRINTING PRESSES

MASSACHUSETTS

BOSTON

Meisel Press Mfg Co, 961 Dorchester av.Dorchester 710
See our Catalog Space, page 958

NEW YORK

NEW YORK CITY

Hoe R & Co, (Manufacturers of printing machinery and supplies) 504 Grand..Orchard 1800

PRINTING PRESSES—FOR OFFICE & PRINTERS

MICHIGAN

DETROIT

Multicolor Sales Co The, Marquette bldg...Main 341

PRINTING PRESSES AND PRINTERS SUPPLIES

ILLINOIS

CHICAGO

Printing Machinery Co The, 552 S Clark.Wabash 5831

MINNESOTA

ST PAUL

Johnson C I Mfg Co, 48-50 E 3d .....Bell Cedar 1463 Tri State 24289

NEW YORK

NEW YORK CITY

Printing Machinery Co, The, 461, 8th av.Greeley 1383

OHIO

CINCINNATI

Printing Machinery Co The, 3d and Lock..Canal 1012

PRINTING PRESSES—SELF INKING—HAND

ILLINOIS

CHICAGO

Sigwalt Mfg Co The, 3648 Armitage av..Belmont 6872

PRINTING PRESSES, STERLING 3 COLOR SHUT FEED ROTARY

ILLINOIS

CHICAGO

Printing Machinery Co The, 552 S Clark..Wabash 5831

PRINTING ROLLERS

ILLINOIS

CHICAGO

Ideal Roller Co, 215 W Superior.....Superior 5025

MICHIGAN

DETROIT

Detroit Printers Roller Works, 45-47 E Fort.Cherry 851

OHIO

CINCINNATI

Wortman Roller Co, 1012 Elm .....Canal 1619

SPRINGFIELD

Bingham's Saml Son Mfg Co, Shuey Factories bldg .....Main 1741

PRINTING SUPPLIES

ILLINOIS

CHICAGO

Barnhart Brothers & Spindler, Throop and Monroe .....Haymarket 5400
Rouse H B & Co, 2214 Ward.....Lincoln 2562

NEW YORK

NEW YORK CITY

Rouse H B & Co, 41 Park Row.....Cortland 2497

PRINTING SUPPLIES DIAGONAL BLOCK AND REGISTER HOOK

ILLINOIS

CHICAGO

Printing Machinery Co The, Warnock, 552 S Clark .....Wabash 5831

PRINTING SUPPLIES—EVERYTHING IN WOOD WORKING LINE

MICHIGAN

LUDINGTON

Carrom Co The, Ludington av.....Ludington 16

PRINTING SUPPLIES—PAPERS ALL KINDS

NEW YORK

NEW YORK CITY

Doty & Scrimgeour Sales Co, 74 Duane...Worth 5395

PRINTS

NEW YORK

NEW YORK CITY

Lesch Rudolf (General Agent Seemann prints and others) 13 W 42d.....Vanderbilt 5306

PRISON WORK, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

PROCESS COLOR WORK

ILLINOIS

CHICAGO

Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

PROCESS ENGRAVERS

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 19 S Wells....Main 4103

PENNSYLVANIA

PHILADELPHIA

Electro Tint Engraving Co, 1227-29 Race ..... Bell Spruce 1778 Keystone Race 697

NEW YORK

NEW YORK CITY

O'Brien J J & Son, 122 E 23d.....Gramercy 5920

PRODUCE—WHOL. DEALERS, BEANS, POTATOES, HAY & GRAIN

NEW YORK

CANASERAGA

Rowe & Kennedy .....Canaseraga 3919

PRODUCERS—GAS

NEW YORK

NEW YORK CITY

Gardes R N, (Also Gas and Oil Engines) 123 Liberty .....Cortland 4719

PRODUCTION ENGINEERS

ILLINOIS

CHICAGO

Libby Parrish & Huls, 327 S LaSalle...Harrison 384
See our Catalog Space, page 946

OHIO

CLEVELAND

Woodward Charles Co The, 1900 Euclid av .....Prospect 964

PROMOTERS—LONDON AND NEW YORK

NEW YORK

NEW YORK CITY

Gross Theo, 25 Broad.....Broad 2780

PROPELLER DESIGNERS

PENNSYLVANIA

PHILADELPHIA

American Screw Propeller Co, Hale bldg, Chestnut & Juniper.....Walnut 5607

PROPELLERS FOR AEROPLANES

ILLINOIS

CHICAGO

Schweizer & West Mfg Co, 810-822 N Ada. Monroe 1839

PROPELLERS, MANGANESE BRONZE

PENNSYLVANIA

PHILADELPHIA

American Manganese Bronze Co, Rhawn and Hegerman sts, Holmesburg.....Holmesburg 600

PROPRIETARY MEDICINES

KANSAS

TOPEKA

Gavitt's System Regulator, Gavitt bldg, 4th av and Adams.....Topeka 610

NEW JERSEY

JERSEY CITY

Reed & Carnrick, 42-46 Germania av..Montgomery 398

NEW YORK

NEW WOODSTOCK

Parker Drug Co (Proprietors of Tri Docs' Family Remedies) .....New Woodstock 9 F 3

PROVISIONS

ILLINOIS

CHICAGO

Barnes R W, 141 W Jackson bl.....Harrison 7670

NEW YORK

NEW YORK CITY

Laidlaw Kelley & Co Inc, 14 Platt.....John 1566

PRUNERS, (HAND AND TREE)

NEW YORK

ELMIRA

Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

PUBLIC ACCOUNTANTS

ILLINOIS

CHICAGO

Commonwealth Audit Co, First Nat Bank bldg .....Randolph 4201

NEW YORK

NEW YORK CITY

Gogolick & Levine, 1265 Broadway.....Mad Sq 1148

PENNSYLVANIA

PHILADELPHIA

Gross Alfred M, 1001 Chestnut.....Filbert 3127

PUBLIC STENOGRAPHERS

CALIFORNIA

SAN FRANCISCO

Schimpf Matilda J, Monadnock bldg, 681 Market .....Garfield 247

COLORADO

DENVER

Patterson Anna H, Ideal bldg Adams Hotel. Main 5656

ILLINOIS

CHICAGO

Devlin & Roberts, Conway bldg.....Randolph 4846
Walsh Edward J, Conway bldg.....Franklin 2188

PUBLIC STENOGRAPHERS—MULTIGRAPH LETTERS

ALABAMA

BIRMINGHAM

Sanford Mary S, Brown-Marx bldg.....Main 1339

PUBLIC STENOGRAPHERS, MULTIGRAPHING & ADDRESSING

OHIO

DAYTON

Ohio Letter Co, Lindsey bldg.....Main 3497

PUBLICATION PRINTERS

ILLINOIS

CHICAGO

Rogers & Hall Co, 120 Polk st.....Wabash 3381
See our Catalog Space, page 996

PUBLICATIONS—MOTOR TRUCK

ILLINOIS

CHICAGO

Power Wagon The, 832 S Michigan av..Harrison 6154

PUBLISHERS

CALIFORNIA

SAN FRANCISCO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Monadnock bldg ..... Garfield 247

GEORGIA

ATLANTA

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Candler bldg ..... Ivy 3984

ILLINOIS

CHICAGO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 683 Plymouth ct ..... Harrison 7401
Stationery Engineers Directory Co, 542 S Dearborn .....Wabash 8957

INDIANA

INDIANAPOLIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Lemcke bldg ..... Main 4681

PUBLISHERS—CONTINUED

MASSACHUSETTS

BOSTON

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Kimball bldg ..... Main 4149

MICHIGAN

DETROIT

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Penobscot bldg ..... Cherry 1381

MINNESOTA

MINNEAPOLIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) Bell-Main 3824
McKnight bldg ..... Tri State 32173

MISSOURI

ST LOUIS

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 211 N 7th ..... Olive 2330

NEW YORK

BUFFALO

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Niagara Life bldg ..... Seneca 26

NEW YORK CITY

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 227 Fulton ..... Cortland 12084

OHIO

CINCINNATI

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories Mercantile Library bldg ..... Main 258

PENNSYLVANIA

PHILADELPHIA

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Commonwealth Trust bldg ..... Walnut 211

PITTSBURGH

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Park bldg ..... Grant 5839

WISCONSIN

MILWAUKEE

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Majestic bldg ..... Grand 511

PUBLISHERS—BOOKLETS

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other printed Novelties, for children and grown-ups. Cardboard Toys), 461, 8th av ..... Greeley 1010
See our Catalog Space, page 997

PUBLISHERS—CONSTRUCTION NEWS

ILLINOIS

CHICAGO

American Contractor The, 6 N Michigan av. Central 3874

PUBLISHERS, TRADE

NEW YORK

NEW YORK CITY

Haberdasher Co The, 112 E 19th ..... Stuyvsnt 7420

PUBLISHERS, TRADE JOURNALS

OHIO

CLEVELAND

Penton Publishing Co The, Penton bldg .. Prospect 1990

PULLEY COVERING WITH HEAVY COTTON CARPET

ILLINOIS

CHICAGO

Eclipse Pulley Covering Co The, 2028 W Lake ..... West 1894

MICHIGAN

DETROIT

Eclipse Pulley Covering Co The, 22 E Woodbridge ..... Cherry 2958

MISSOURI

ST LOUIS

Eclipse Pulley Covering Co The, Pontiac bldg. Olive 3326

OHIO

CINCINNATI

Eclipse Pulley Covering Co The, Duttonhofer bldg ..... Canal 3472

CLEVELAND

Eclipse Pulley Covering Co The, 1430 W 6th. Main 3451

TOLEDO

Eclipse Pulley Covering Co The, Spitzer bldg. Main 3614

PULLEYS

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin. Main 3761
Birkle Machine Works, 128 S Clinton ... Franklin 4570
Gump B F Co, 431-437 S Clinton ..... Wabash 965
Jones W A Foundry & Machine Co, 4403 W 12th ..... Lawndale 5040
Pyott Foundry Co, 328 N Sangamon .... Monroe 296
Pyott Pulley Co, 955 Carroll av ..... Haymaret 6336
Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Gears, Sprockets, Chains, Bearings and Hangers) 28 Church ..... Cortland 7673

PENNSYLVANIA

PHILADELPHIA

Bond Charles Co, 520 Arch ..... Market 3249

PULLEYS (NEW & SECOND HAND)

ILLINOIS

CHICAGO

Passman Bros, 30 S Green ..... Monroe 6960

PULLEYS & BELTING

MISSOURI

JOPLIN

Joplin Supply Co, 4th and Wall ..... Home 2408

PULLEYS AND CLUTCHES

OHIO

CINCINNATI

Standard Pulley Co The, 1734 Powers ..... Park 318

WISCONSIN

DE PERE

Lawton C A & Co The, Broadway and Williams ..... De Pere 153

PULLEYS, CLUTCHES, GEARING, LINE SHAFTING EQUIPMENT

ILLINOIS

CHICAGO

Medart Patent Pulley Co, Lytton bldg .... Wabash 151

MISSOURI

ST LOUIS

Medart Patent Pulley Co, Potomac and DeKalb ..... Sidney 875

OHIO

CINCINNATI

Medart Patent Pulley Co, 211 Vine ..... Main 1893

PULLEYS, HANGERS & SHAFTING

ILLINOIS

CHICAGO

Clinton Supply Co, 117 S Clinton ..... Main 5064

PULLEYS—IRON

ILLINOIS

CHICAGO

Birkle Machine Works, 128 S Clinton ... Franklin 4570

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works ..... Union 1857

PULLEYS—MOTOR

ILLINOIS

CHICAGO

Birkle Machine Works, 128 S Clinton ... Franklin 4570

PULLEYS OF ALL KINDS, BELTING, SHAFTING, NEW AND USED

ILLINOIS

CHICAGO

Illinois Engineering & Machinery Co, 222-224 N Clinton ..... Franklin 1008

PULLEYS, SHAFTING, BEARINGS, HANGERS

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles ..... Union 96

PULLEYS, STEEL SPLIT AND WOOD SPLIT

ILLINOIS

CHICAGO

Chicago Pulley & Shafting Co, 10 S Clinton. Main 187

PULLEYS—WOOD RIM

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works.....Union 1857

PULVERIZED COAL FOR BOILERS AND INDUSTRIAL PLANTS

ILLINOIS

CHICAGO

American Industrial Engineering Co, Monadnock blk .....Harrison 2380

PULVERIZING & CRUSHING MACHINERY

NEW YORK

NEW YORK CITY

Kent Mill Co, 10 Rapelyea, Bklyn.....Hamilton 1000

PULVERIZING MACHINERY WITH & WITHOUT AIR SEPARATION

ILLINOIS

CHICAGO

Stroud E H & Co, 928-934 Fullerton av..Diversey 4517

PUMICE

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn av.Diversey 4410
See our Catalog Space, page 930
Three Products Company, 328 W 37th....Drover 2884

PUMP ROD COUPLINGS

MINNESOTA

ST PAUL

Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022 Tri State 82293

PUMP VALVES MFRS

ILLINOIS

CHICAGO

Birch-Hintz Mfg Co, 1100-1110 S Kilbourne av .....Garfield 8788

PUMPING ENGINES

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

PUMPING ENGINES, SIMPLE, COMPOUND & TRIPLE EXPANSN

NEW YORK

NEW YORK CITY

McGowan John H Co The, 50 Church...Cortland 4748

OHIO

CINCINNATI

McGowan John H Co The, 54-58 Central av.Main 788

PENNSYLVANIA

PHILADELPHIA

McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

PUMPING OUTFITS, SPECIAL—GASOLINE OR KEROSENE

NEW YORK

NEW YORK CITY

Martin W I, 111 Broad.....Broad 283

PUMPS

ILLINOIS

CHICAGO

Chicago Pump Co, 904-10 W Lake.....Monroe 5080
Economy Pumping Machinery Co, 116-118 N Carpenter .....Monroe 5941
Erwin & Company, 3734 Cottage Grove av.Douglas 7300
Stannard Power Equipment Co, 53 W Jackson bl .....Harrison 2300
Wise Royal C, 53 W Jackson bl.....Wabash 7452

LOUISIANA

NEW ORLEANS

Menge Pump & Machinery Co Ltd The, Hibernia bldg ..... Main 4063

MISSOURI

JOPLIN

Joplin Supply Co, 4th and Wall.....Home 2408

NEW JERSEY

NEWARK

Twinvolute Pump & Mfg Co, 216-228 High .....Branch Brook 5580

NEW YORK

NEW YORK CITY

Davidson M T Co, 43-53 Keap, Bklyn Wmsburg 212
Tribune bldg, 154 Nassau..... Beekman 4671
Drake M M (Marine Pumps all types and sizes), 17 Battery Place.....Rector 651
George E & Co Inc, (Gasoline Pumps for sale or rent), 194 Front.....John 2680
Guild & Harrison (Fly-wheel vacuum pumps. Magma Pumps) Kent av and 10th, Bklyn.Williamsburg 323
Twinvolute Pump & Mfg Co, 55 William....John 6264
Whinery S B, 95 Liberty.....Cortland 5326

PUMPS—AIR, POWER, WATER

WISCONSIN

MILWAUKEE

Milwaukee Air Power Pump Co, 886, 3rd..Lincoln 4800

PUMPS AUTOMATIC (MEASURING DIRECT OUT OF BARREL)

ILLINOIS

AURORA

Groetken Pump Co The.....Aurora 382

PUMPS—AUTOMOBILE TIRE

MICHIGAN

DETROIT

Bell Pump & Mfg Co The, 74-78 Fort E..Cadillac 2345

NEBRASKA

HASTINGS

Berck & Jaden, (Manufacturers Golden Rod Tire Pumps) 2d and Kerr.....Hastings 1981-W

NEW YORK

BUFFALO

Lake Erie Manufacturing Co Inc, 198 Chicago .....Seneca 1366

PUMPS, BOILER FEED

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock blk. Harrison 2300

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Maple ..... Bell-Battle Creek 2205 Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515

PUMPS, CENTRIFUGAL

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock blk.Harrison 2300
Swaby Mfg Co, 2010 Marshall bl.....Lawndale 6131
Wise Royal C, 53 W Jackson bl .....Wabash 7452

MICHIGAN

BATTLE CREEK

American Steam Pump Co 60 Maple ..... Bell-Battle Creek 2205 Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515
Centrifugal Pump Co (Manufacturers "Silent" Single and Multi-Stage Pumps) 434 Canal .....Canal 9099

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

PUMPS, DEEP WELL

ILLINOIS

CHICAGO

American Steam Pump Co Monadnock blk.Harrison 2300
Erb W B & Co, 523-529 W Vanburen....Harrison 4927
Wise Royal C, 53 W Jackson bl.....Wabash 7452

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Maple ..... Bell-Battle Creek 2205 Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl...Rector 4515

PUMPS—DISPLACEMENT TYPES—STEAM & POWER DRIVEN

NEW YORK

NEW YORK CITY

McGowan John H Co The, 50 Church...Cortland 4748

OHIO

CINCINNATI

McGowan John H Co The, 54-58 Central av.Main 788

PENNSYLVANIA

PHILADELPHIA

McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

PUMPS—ELECTRICAL POWER SPRAYERS

OHIO

CRESTLINE

Crestline Mfg Co The, Livingston....Ohio State 204

PUMPS, ELEVATOR

ILLINOIS

CHICAGO

American Steam Pump Co Monadnock blk.Harrison 2300

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Maple ..... Bell-Battle Creek 2205 Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515

PUMPS, GASOLINE ENGINE DRIVEN

MICHIGAN

LANSING

Novo Engine Co.....Lansing 2300

PUMPS, HAND AND POWER FOR ALL USES

CALIFORNIA

SAN FRANCISCO

Deming Co The (Simonds Machinery Co, Rep); 117 N Montgomery.....Kearny 1457

COLORADO

DENVER

Deming Co The (Hendrie & Bolthoff Mfg & Supply Co, Rep) ..... Main 75

ILLINOIS

CHICAGO

Deming Co The (Henion & Hubbell, Rep), 217-221 N Jefferson .....Main 349

MASSACHUSETTS

BOSTON

Deming Co The (Charles J Jager Co, Rep), 15 Custom House ..... Main 3440

NEW YORK

BUFFALO

Deming Co The (Root, Neal & Co, Rep), 178 Main ..... Bell-Seneca 4710 Federal 21-665

NEW YORK CITY

Deming Co The (Ralph B Carter Co, Rep), 152 Chambers .....Barclay 6955

OHIO

SALEM

Deming Co The, Depot and Aetna ..... Bell-Salem 604 Ohio State 282

PENNSYLVANIA

PHILADELPHIA

Deming Co The (The W P Dallett Co, Rep), 49 N 7th..... Bell-Market 1055 Keystone-Main 868

PITTSBURGH

Deming Co The (Harris Pump & Supply Co Rep), 320-322 Second avP & A-Main 1179 Bell-Court 3802

VIRGINIA

RICHMOND

Deming Co The (Sydnor Pump & Well Co).Madison 925

PUMPS, HIGHEST EFFICIENCY FOR EVERY PURPOSE

MINNESOTA

MINNEAPOLIS

Pagel Rotary Pump Mfg Co, 241, 4th av S ..... Bell-Nicollet 920 Tri State 32826

PUMPS, HYDRAULIC

ILLINOIS

CHICAGO

Elmes Charles F Engineering Works, 220 N Morgan .....Haymarket 696

PUMPS, HYDRAULIC PRESSURE

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Maple ..... Bell-Battle Creek 2205 Automatic 1057

PUMPS (ELECTRIC) IRON & BRASS FOR FARM & VILLAGE USE

OHIO

COLUMBIANA

Columbiana Pump Co, Railroad st ..... Bell-Columbiana 6 Ohio State 70-L

PUMPS—PACKINGLESS—ACID

NEW JERSEY

PERTH AMBOY

Chemical Pump & Valve Co The, 327 Gifford .....Perth Amboy 1583

PUMPS, POWER

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock blkHarrison 2300
Sellar Supply Co, 557-559 W Quincy.....Main 577
Western Pump & Engineering Co, 80 E Jackson bl .....Harrison 3448

ROCKFORD

Ward Pump Co, 409 S Water.....Main 1352

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Maple .....Bell-Battle Creek 2205 Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515

PUMPS—POWER COMPRESSORS, ALL PURPOSES

OHIO

[illegible]

Lucas Miner Pu[illegible] .....East 47

PUMPS—PRESSES VALVES, FTGS & ACCUMULATORS—HYDRAULIC

NEW YORK

NEW YORK CITY

Hydraulic Press Mfg Co, The, 39-41 Cortlandt .....Cortland 5083

OHIO

MT GILEAD

Hydraulic Press Mfg Co, The.....Independent 35

PUMPS, PULSOMETER

NEW YORK

NEW YORK CITY

Pulsometer Steam Pump Co, 220 W 42d.Bryant 5895

PUMPS, ROTARY

ILLINOIS

ROCKFORD

Ward Pump Co, 409 S Water st.....Main 1352

PUMPS, ROTARY, VACUUM, AIR, & LIQUID

MASSACHUSETTS

BOSTON

American Rotary Pump Co, 67 Hampden.Roxbury 1360

PUMPS, SPRAYING

ILLINOIS

ROCKFORD

Ward Pump Co, 409 S Water st.....Main 1352

PUMPS, SPRAYING AND WHITE WASHING

ILLINOIS

CHICAGO

Hunt Brass Works, 1617-1619 Winona avRavenswd 2244
See our Catalog Space, page 1000

GALVA

Hayes Pump & Planter Co.....Galva 28

PUMPS, SPRAYING, WHITE WASHING & DISINFECTING

ILLINOIS

CHICAGO

Star Brass Works The, 3114 to 3122 Carroll av .....Kedzie 9551
See our Catalog Space, page 1000

PUMPS, STEAM (FOR ALL PURPOSES)

OHIO

CANTON

Wagener Steam Pump Co, Cook and 8th S W.Main 21[illegible]

PUMPS, STEAM & CENTRIFUGAL

ILLINOIS

CHICAGO

Wilson Machinery Co, 331 W 35th.....Yards 35[illegible]

PUMPS, STEAM DREDGING, ETC.

ILLINOIS

CHICAGO

Wise Royal C, 68 W Jackson bl.....Wabash 7452

PUMPS, STEAM & ELECTRIC

PENNSYLVANIA

DU BOIS

DuBois Iron Works, N Brady St Bell Du Bois 5-R
.....Summerville 198-B

PUMPS—STEAM JET

NEW YORK

NEW YORK CITY

McGowan John H Co The, 50 Church...Cortland 4748

OHIO

CINCINNATI

McGowan John H Co The, 54-58 Central av.Main 788

PENNSYLVANIA

PHILADELPHIA

McGowan John H Co The, Exhibition Dept
The Bourse .....Lombard 490

PUMPS, TANK

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock blk.Harrison 2300

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Bell-Battle Creek 2205
Maple .....Automatic 1057

NEW YORK

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515

PUMPS, TURBINE

NEW YORK

NEW YORK CITY

Plant Engineering & Equipment Co, 6
Church .....Cortland 6451

PUMPS, VACUUM

ILLINOIS

CHICAGO

American Steam Pump Co, Monadnock blk.Harrison 2300

MICHIGAN

BATTLE CREEK

American Steam Pump Co, 60 Bell-Battle Creek 2205
Maple .....Automatic 1057

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25
Winchester av .....Oxford 40

NEW YORK CITY

American Steam Pump Co, 17 Battery pl..Rector 4515

PUMPS—WINDMILL AND HAND

ILLINOIS

ROCKFORD

Ward Pump Co, 409 S Water st.....Main 1352

PUMPS—WOOD AND IRON WELL PUMPS

ILLINOIS

BUSHNELL

Bushnell Pump Co, South Dean st Bell-Bushnell 25
.....Home-Main 13

PUNCH BOARD MFRS.

INDIANA

MICHIGAN CITY

Michigan City Paper Box Co, 314 E
5th .....Michigan City 651

PUNCH BOARDS, TRAVELING & MANICURE SETS—PREMIUMS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co (Catalogue Issued),
65-67 West Houston.....Spring 2367

PUNCH BOARDS, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison.....Main 3482

PUNCH PRESS WORK

ILLINOIS

CHICAGO

Alcor Mfg Co, 430 S Green.....Monroe 2388
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Chicago Metal Mfg Co, 313 S Clinton....Wabash 7105
Grus Leaf Spring Oiler Co, 625 W
Jackson bl .....Haymarket 5914
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017
McMorran Edw E & Co, 126 N Union st.Haymarket 66
Moore & Company, 301 W Grand av....Superior 1819
National Stamping & Electric Works, 414-26
S Clinton .....Wabash 3560
Quadriga Mfg Co The, 213-221 W Grand
av .....Superior 560
Raffel Mfg Co, 4443 Armitage av.....Belmont 553
S & W Manufacturing Co, 312 N May....Monroe 2401
Saal H G Company, 1808-1810 Montrose
av .....Ravenswood 730
See our Catalog Space, page 941
Signalite Manufacturing Co, 522SClinton.Harrison 7763
Stout Mfg Co, 542 W Harrison.....Wabash 7485
Thompson & Bremer, 850 S Canal.....Wabash 6764

ROCK ISLAND

Twin City Die and Tool Works, 4520-
22, 6th av .....Rock Island 3243

PUNCH PRESS WORK—STAMPING DIE AND TOOL WORK

ILLINOIS

CHICAGO

Krebs Mfg Co, 341-349 E Ohio.....Superior 8611

PUNCH PRESSES

ILLINOIS

CHICAGO

McDonald Machine Co, 3207 Shields av...Drover 5224
Moore & Company, 301 W Grand av....Superior 1819

PUNCHES

NEW JERSEY

CAMDEN

Wolff Wm F Co Inc, 1125-27-29 Haddon
av .....Camden 454

PUNCHES (CONDUCTORS, OFFICE & RESTAURANT.)

ILLINOIS

CHICAGO

McGill Ticket Punch Co, 542 W Harrison.Wabash 3575

PUNCHES & DIES

NEW YORK

NEW YORK CITY

Lewthwaite T H Machine Co, 415 East
31st .....Murry Hil 3117

OHIO

CLEVELAND

Cleveland Steel Tool Co The, 660 E 82d.Rosedale 841

PENNSYLVANIA

PHILADELPHIA

Gasket Supply Co, 1729 Ludlow.....Spruce 2280
See our Catalog Space, page 957

PUNCHES, PAPER AND LOOSE LEAF

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

PUNCHES AND SHEARS—BALL BEARING

ILLINOIS

ROCKFORD

Whitney Metal Tool Co, 223 Mill.....Main 41

PUNCHES—TICKET, CARD AND CLOCK

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d.....Gramrcy 5361
Brooklyn Office 419 Fulton.....Main 764

PUNCHING MACHINES

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217
Centre .....Canal 642

PUNCHING & SHEARING MACHINERY

OHIO

HAMILTON

Long & Allstatter Co The, 4th and High.Hamilton 126

PURE HERB REMEDIES

OHIO

DAYTON

Parker Geo H ("Indian Herb Tablets")
324 East 5th.....Main 507

PUSH CART MANUFACTURERS

NEW YORK

NEW YORK CITY

Willets Manufacturing Co, 890 Bedford
av, Bklyn .....Wmsburg 27

PUTTY MANUFACTURERS

NEW JERSEY

JERSEY CITY

Baker William T Inc, 220 Suydam av....Bergen 1083

NEW YORK

NEW YORK CITY

Belknap-Moran-Allen Co Inc The, 5 Ainslie Brooklyn .....Stagg 3270
Crandall E V Oil & Putty Mfg Co, 1107 Metropolitan av, Bklyn.....Stagg 3764

PYROMETERS

CALIFORNIA

LOS ANGELES

Brown Instrument Co The, 363-371 New High st .....Main 8363 Home 10922

SAN FRANCISCO

Brown Instrument Co, The, 576-584 Mission st .....Kearny 3493

CANADA

TORONTO, ONTARIO

Thwing Instrument Co (James Devon), 227 Davenport rd .....Hillorest 2111

COLORADO

DENVER

Brown Instrument Co The, 1742 Champa st.Main 607

ILLINOIS

CHICAGO

Brown Instrument Co, The, Conway bldg.Franklin 5129
Hoskins Mfg Co, 10 S LaSalle.....Franklin 2074

MASSACHUSETTS

BOSTON

Hoskins Mfg Co, 445 Tremont bldg...Haymarket 1277

MICHIGAN

DETROIT

Brown Instrument Co, The, Ford bldg....Cherry 1880
Hoskins Mfg Co, 469 Lawton av.....Walnut 2865

NEW YORK

NEW YORK CITY

Brown Instrument Co The, 50 Church..Cortland 1331
Hoskins Mfg Co, Grand Central Terminal .....Murray Hill-5340
Thwing Instrument Company, 59 Pearl....Broad 4657
Uehling Instrument Co, Empire bldg.....Rector 9638

ROCHESTER

Taylor Instrument Companies, 95 Ames....Stone 6700

PENNSYLVANIA

PHILADELPHIA

Brown Instrument Co, The (Main Office), Wayne and Roberts avs.....Wyoming 690
Thwing Instrument Company, 3341 Lancaster av .....Preston 4283

PITTSBURGH

Brown Instrument Co, The, Oliver bldg....Grant 3354
Hoskins Mfg Co, Oliver bldg.....Grant 3270
Thwing Instrument Company, Oliver bldg..Grant 252

QUACK GRASS KILLER (LAND & ALFALFA CULTIVATOR)

MINNESOTA

OWATONNA

Kovar Jos J, 723 N Elm.....Owatonna 890-L

QUARTZ & FLINT, CRUSHED

MARYLAND

BALTIMORE

Maryland Quartz Co (For all filtering and Abrasive purposes) 10 E Lexington...St Paul 1823

QUARTZ & SILEX

NEW YORK

NEW YORK CITY

New England Quartz Co of N Y, 107-109 William .....John 68

QUILL CLEANING MACHINERY

NORTH CAROLINA

CHARLOTTE

Terrell Machine Co, The, 10 E 4th....Charlotte 2987

QUILTED APPARELS & QUILTED GOODS OF ALL KINDS

NEW YORK

NEW YORK CITY

Star Quilting Co, 23-27 Sullivan.....Spring 1640

QUILTED MATTRESS PROTECTORS, TABLE PADS & PADDING

ILLINOIS

CHICAGO

Excelsior Quilting Co, 1417 Jackson bl.Haymarket 5910

NEW YORK

NEW YORK CITY

Excelsior Quilting Co, 15 Laight.....Franklin 398

RACKS, PATENTED—DISPLAY FOR THE TRADES

ILLINOIS

STERLING

Reed Evan L Mfg Co, 400 A.....Main 613-R

RACKS—STEEL

ILLINOIS

CHICAGO

Durand Steel Locker Co, 76 W Monroe...Central 6302

NEW YORK

NEW YORK CITY

Durand Steel Locker Co, 132 Nassau....Beekman 1182

RADIATOR DRAIN COCKS

MICHIGAN

DETROIT

Lincoln Brass Works, 291, 12th.....Glendale 1886

RADIATOR AND HOOD COVERS—AUTOMOBILE

NEW YORK

NEW YORK CITY

B-E Manufacturing Co, 18-22 West 18th.Chelsea 5053

RADIATOR SHIELDS

MISSOURI

ST LOUIS

Kaufman Products Corp (Metal, Marble and Glass, All Flat Tops, All Real Radiator Shields), 4029 Forest Park bl.....Lindell 4450

RADIATOR VALVES, STEAM AND HOT WATER

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

RADIATORS

NEW YORK

NEW YORK CITY

Atlantic Radiator Co, 359 W 42d.....Bryant 7330

PENNSYLVANIA

HUNTINGTON

Atlantic Radiator Co, ...Huntington 97

RADIATORS (AUTO & TRACTOR)

MINNESOTA

MINNEAPOLIS

Shotwell-Hobart-Johnson Co, 712-22 Ontario av N.....Bell-Nicolett 417 Tri State 32207

RADIATORS, FENDERS & TANKS REPAIRED

MINNESOTA

MINNEAPOLIS

Schulstock Sheet Metal Works, 2933 Nicollett av .....Bell-South 3810 Tri State 51556

RADIATORS, REPAIRING

PENNSYLVANIA

PITTSBURGH

Liberty Brazing Welding Co. 140-142 S Beatty .....Hiland 670

RADIATORS—STEAM & HOT WATER HEATING

MICHIGAN

DETROIT

United States Radiator Corporation, Broadway and Grand River av.....Cherry 2290

RADIO EQUIPMENT, MFRS

DISTRICT OF COLUMBIA

WASHINGTON

National Electrical Supply Co, 1328 New York av .....Main 6800

RADIUM PRODUCTS

COLORADO

DENVER

Colorado Radium Products Company The, First Nat Bank bldg .....Main 7987

NEW YORK

NEW YORK CITY

Radium Luminous Material Corporation, 56 Liberty .....Cortland 2209

RAFFLE CARD PREMIUMS, MANICURE AND TRAVELING SETS

NEW YORK

NEW YORK CITY

Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston.....Spring 2367

RAFFLE CARDS & SALES BOARDS (FOR SELLING MERCHANDISE)

ILLINOIS

CHICAGO

Hoodwin J W Co, 2949-53 W VanBuren. . Garfield 1702

RAG DEALERS

ILLINOIS

CHICAGO

National Sanitary Rag Co, 521-523 N Halsted ..... Haymarket 2103

NEW YORK

NEW YORK CITY

Bernstein S & Son (Dealers Old and New Woolen Rags) 525-527 Broome ..... Spring 112

OHIO

CINCINNATI

Hoffman & Company, 236 E Front ..... Main 1555

LONDON

Watson Andrew, South Oak st ..... Bell-Main 258-K
..... Ohio State 213

PENNSYLVANIA

PHILADELPHIA

Murphy Daniel I (Highest price paid for new and old wool and cotton rags. Send samples, stating quantity, Wiping rags furnished) 234-36 N Front .... Bell-Market 3004 Keystone-Main 1199

RAG DEALERS—MIXED RAGS

ILLINOIS

CHICAGO

Shavin J & Sons, 2598 Archer av ..... Canal 4541

OHIO

CINCINNATI

Cohen Mose & Son, 524-28 Freeman av .... West 4397

RAG DEALERS—NEW RAGS

OHIO

CINCINNATI

Blossom & Co, 551 Freeman av ..... West 1128

RAGS (WASHED) FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc, 453-455 W 16th ..... Chelsea 8540

RAGS, GRADERS OF NEW & OLD WOOLEN

ILLINOIS

CHICAGO

Cohen B & Sons, 1244-50 S Union av ..... Canal 3340

RAGS—MIXED

OHIO

MARYSVILLE

Wolfson L, 123 N Plum ..... Marysville 375

RAGS, SANITARY FOR WIPING & POLISHING PURPOSES

NEW YORK

NEW YORK CITY

Bernstein S & Son, 525-527 Broome .... Spring 112

RAGS, WHOLESALE DEALERS

OHIO

CINCINNATI

Miller Bros & Co, 308-10 W Pearl ..... Main 907

RAIL & RAILROAD EQUIPMENT

LOUISIANA

NEW ORLEANS

Marx A & Sons, 643 Tchoupitoulas ..... Main 836

RAILINGS

ILLINOIS

CHICAGO

Chicago Wire Iron & Brass Works, The, 2340 Nelson ..... Wellington 6676

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis ..... Mt Vernon 980

OHIO

CINCINNATI

Newman Manufacturing Co, 717-721 Sycamore ..... Canal 713

RAILINGS, & GRILLES, BRASS & BRONZE

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co, se cor Lombard and South ..... St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad ..... Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette ..... Franklin 5700

RAILINGS—OFFICE—WIRE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

RAILROAD CLAIM COLLECTORS

MINNESOTA

MINNEAPOLIS

Northern Adjustment Bureau Inc, Flour Exchange bldg ..... Nicollet 6070

MISSOURI

KANSAS CITY

Donaldson & Co, Gloyd bldg ..... Bell-Main 1775
..... Home-Main 1775

RAILROAD CONTRACTORS EQUIPMENT

OHIO

CINCINNATI

Equity Equipment Co The, 1431 Main ..... Canal 5362

RAILROAD EQUIPMENT

ILLINOIS

CHICAGO

Chicago Rail & Equipment Co, 3649 S Rockwell ..... Yards 6001
Marsh-Bothe Machinery Co, 37 W VanB .. Harrison 2746

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway ..... Whitehall 396
See our Catalog Space, page 993
Joliet Railway Supply Co (Atkinson & Urech Sales Agts), 111 Broadway Trinity bldg ..... Rector 2277

RAILROAD EQUIPMENT, IRON & STEEL MATERIAL

PENNSYLVANIA

PITTSBURGH

Wilkoff Company The, First National Bank bldg ..... Court 4510

RAILROAD EQUIPMENT & RAILS

OHIO

CINCINNATI

Joseph Isaac Iron Co The, 525 Hunt ..... Canal 2338

RAILROAD, FROGS, SWITCHES AND CROSSINGS

ALABAMA

BIRMINGHAM

Kilby Frog & Switch Co, P O Box 914 .... Main 7122

RAILROAD IRON & STEEL SUPPLIES FOR EXPORT

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway ..... Bowling Green 9167
Railway Specialties Corp, 30 Church .... Cortland 3602

RAILROAD PRINTERS

ILLINOIS

CHICAGO

Hedstrom-Barry Co, 618-620 Sherman .. Harrison 6140

MISSOURI

ST LOUIS

Curran Con P Printing Co, 8th & Walnut ..... Bell-Main 5191
Kinloch-Central 991

RAILROAD PRINTERS—CATALOGUES, BOOKLETS, MAGAZINES

ILLINOIS

CHICAGO

Rogers & Hall Co, 139 Pa's ..... Wabash 3381
See our Catalog Space, page 996

RAILROAD SUPPLIES

ILLINOIS

CHICAGO

Crerar, Adams & Co, 239-259 E Erie....Superior 6481

RAILROAD SUPPLIES, SEALING WAX

ILLINOIS

PRINCETON

Princeton Sealing Wax Co.....Princeton 2234

RAILROAD TICKET BROKERS

ILLINOIS

CHICAGO

Lyons Railroad & Steamship Ticket Office 310 S Clark .....Wabash 1759

RAILROAD TIES AND LUMBER

ILLINOIS

CHICAGO

Gillis & Company, 29 E Madison.....Central 3967
Monarch Lumber Co, 58 W Jackson bl..Harrison 1840

RAILROAD TIN & GALVANIZED IRON WARE (MNFRS)

OHIO

URBANA

Johnson Mfg Co The, 605 Miami Bell-Urbana 158
.....Ohio State 4353

RAILROAD TRACK SUPPLIES

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway .....Whitehall 396
See our Catalog Space, page 963

RAILROAD TRAFFIC PRINTERS

MISSOURI

ST LOUIS

Curran Con P Printing Co, 8th and Walnut ..... Bell-Main 5191
Kinloch-Central 991

RAILROAD TRAIN ORDERS

ILLINOIS

CHICAGO

McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

RAILROAD & TRANSPORTATION LINES, COMPANIES & AGENTS

ILLINOIS

CHICAGO

Lyons Railroad & Steamship Ticket Office, 310 S Clark.....Wabash 1759

RAILS

CALIFORNIA

SAN FRANCISCO

San Francisco Iron & Metal Co, 256 North Point .....Douglas 2410

ILLINOIS

CHICAGO

Chicago Rail & Equipment Co, 3649 S Rockwell .....Yards 6001

OHIO

CINCINNATI

Hilb & Bauer, Union Trust bldg.....Main 872

COLUMBUS

Topper Bros, 260 Kimball.....Bell-Main 7728
.....Ohio State 6376

RAILS (FOR RELAYING) AND OLD RAILWAY MATERIAL

OHIO

TOLEDO

Gerson I & Sons Co The, East Broadway and W L E R R.....Navarre 99

RAILS—STEEL, NEW AND RE-LAYING

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway .....Bowling Green 9167

RAILWAY NECESSITIES

ILLINOIS

CHICAGO

Wood Guilford S, 20 W Jackson bl.....Harrison 2942

RAILWAY SIGNALS

COLORADO

DENVER

Protective Signal Mfg Co The, 1421 Eighteenth .....Main 8060

ILLINOIS

CHICAGO

Protective Signal Mfg Co The, 122 S Michigan av .....Harrison 2537

RAILWAY SUPPLIES

ILLINOIS

CHICAGO

Robertson Wm & Co, 20 W Jackson bl..Harrison 174

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway .....Bowling Green 9167

RAILWAY SWITCHES, FROGS AND CROSSINGS

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway .....Bowling Green 9167

RAILWAY & TOWER SIGNALING APPARATUS (ELEC.&STEAM RR)

MASSACHUSETTS

BOSTON

United Electric Apparatus Co, 1529 Columbus av .....Roxbury 3770

RAILWAYS, INDUSTRIAL

NEW YORK

NEW YORK CITY

Easton Car & Construction Co, 80 Church....Cort 1198

PENNSYLVANIA

EASTON

Easton Car & Construction Co, 22 Centre Square ..... Easton 2660

RAINCOAT MANUFACTURERS, LADIES' AND MEN'S

ILLINOIS

CHICAGO

Chicago Raincoat Co Inc, 1427 Carroll av ..... Haymarket 4266

NEW YORK

NEW YORK CITY

Goodwear Raincoat Mfg Co, 57-65 Hope Bklyn .....Stagg 67
Pines Rubber Co Inc, Bush Terminal No 19 Brooklyn .....Sunset 6363

RAINCOAT MANUFACTURERS, MENS, LADIES, MISSES & BOYS

MISSOURI

ST LOUIS

Western American Rubber Co, 701-3 Lucas av .....Olive 1295

RAKES (GARDEN AND LAWN)

NEW YORK

ELMIRA

Cronk & Carriers Mfg Co The, 150 Lake.Elmira 1157-J

RANGE BOILERS AND EXPANSION TANKS

CALIFORNIA

SAN FRANCISCO

Wood John Mfg Co, 268 Market.....Garfield 1787

ILLINOIS

CHICAGO

Wood John Mfg Co, 321 E Grand av....Superior 4111

MASSACHUSETTS

BOSTON

Wood John Mfg Co, 32 Dorchester av..So Boston 480

NEW YORK

NEW YORK CITY

Wood John Mfg Co, Bush Terminal, Bklyn..Sunset 6483

PENNSYLVANIA

PHILADELPHIA

Wood John Mfg Co, 1225 Hamilton.....Poplar 7638

RANGES, BROILERS & COOKING APPARATUS

ILLINOIS

CHICAGO

Traub Wm F Range Co, 234 W Superior.Superior 7670

RANGES, COFFEE URNS AND STEAM TABLES

ILLINOIS

CHICAGO

Stearnes Company The, 215 N Mich av.Randolph 4318

RANGES, FAMILY & HOTEL

MISSOURI

ST LOUIS

Majestic Mfg Co, 2018 Morgan.....Bomont 218

RANGES, HOTEL & RESTAURANT

OHIO

CINCINNATI

Burton Range Co The, se cor 7th and Sycamore .....Canal 1059

RANGES, STEAM TABLES & COMPLETE KITCHEN EQUIPMENT

ILLINOIS

CHICAGO

Cross-Wells Co The, 17-19 S Wabash av.Randolph 6188

RAPESEED OIL

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

RAT ANNIHILATORS—TRAINED FERRETS USED ONLY

ILLINOIS

CHICAGO

Advance Vermin Exterminating Co, 162 E Superior .....Superior 8655

RAT CATCHERS

NEW YORK

NEW YORK CITY

Ortner Charles, 310 W 126th.....Morningside 6904

RAT CATCHERS—TRAINED FERRETS USED ONLY

ILLINOIS

CHICAGO

Advance Vermin Exterminating Co, 162 E Superior ..... Superior 8655

RAT EXTERMINATORS

ILLINOIS

CHICAGO

McCloud W B & Co, 1012 N Wells.....Superior 568
Rose Rat Exterminator Co, 66 E Randolph .....Central 2777
Winthrop, 6208 Winthrop av.....Edgewater 2355

MARYLAND

BALTIMORE

Rose Rat Exterminator Co, (Jacob Morris, Mgr), 405 N Eutaw.....Mt Vernon 1456

MASSACHUSETTS

BOSTON

Rose Rat Exterminator Co (James Bovey, Mgr), 15 School .....Ft Hill 2626

MINNESOTA

MINNEAPOLIS

Girard Felix Company The (Red Cross Rat & Mouse Embalmer) 2009, 4th av S....South 3162
Rose Rat Exterminator Co, Tribune Annex .....Bell-Main 3504 Tri State Central 3931

NEW YORK

NEW YORK CITY

Rose Rat Exterminator Co (W J Shrimplin, Mgr), 309 Broadway.....Worth 2911
Virus Limited Inc, 72 Front.....Hanover 960

OHIO

CINCINNATI

Rose Rat Exterminator Co, 125 West Court.Canal 31

CLEVELAND

Rose Rat Exterminator Co, 2122 E 2d.....Main 1152

SPRINGFIELD

Rat Biscuit Co The, 10 N Limestone..Springfield 667

PENNSYLVANIA

PHILADELPHIA

Rose Rat Exterminator Co, (Alfred Schmittbenner, Mgr), 1218-20 Filbert .....Bell-Walnut 839 Keystone-Race 1982

PITTSBURGH

Rose Rat Exterminator Co, Fulton bldg....Grant 4393

RAT EXTERMINATORS, CONTRACT WORK

PENNSYLVANIA

WILKINSBURG

Girard Chemical Co, 501 Penwood av..Franklin 1378-R

RATTAN, REEDS & SPLIT BAMBOO

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

RATTAN SEATS

NEW YORK

NEW YORK CITY

American Rattan & Reed Mfg Co, Norman & Kingsland avs Bklyn.....Greenpnt 90

RAZOR MNFRS.—SAFETY, FOR LARGE USERS

NEW YORK

NEW YORK CITY

Burham Safety Razor Co The, 64 Murray .....Barclay 5638

RAZOR STROPS, MFRS.

ILLINOIS

CHICAGO

Irwin Leather Goods Co, 111-118 S Jefferson .....Franklin 1808

MICHIGAN

ADRIAN

Gibford Mfg Co, 12 Payne av.....Adrian 405

NEW YORK

NEW YORK CITY

Howard Specialties Co, Inc, 15 Crosby.....Canal 8633

READI-CUT WOOD HOUSES (FOR INDUSTRIAL PURPOSES)

MICHIGAN

BAY CITY

Aladdin Co The .....Bay City 715

REAL ESTATE

ALABAMA

BIRMINGHAM

Jemison Real Estate & Insurance Co, 211 North 20th .....Main 5280

CALIFORNIA

LOS ANGELES

Newport F P Co, (Harbor Industrial Property, Finest Suburban Residences) Central bldg .....Manual-Main 4792 Home-60175

SANTA BARBARA

Dreyfus Louis G & Sons, Real Estate, Furnished Residences & Insurance, 1225 State.Santa Barbara 111

CONNECTICUT

BRIDGEPORT

Robins (Connecticut) Inc, First Bpt Natl Bank bldg.....Barnum 6151

ILLINOIS

CHICAGO

Anderson C T A, 35 S Dearborn.....Randolph 3335
Beardslee Louis B, (Switch Track and Dock Properties Exclusively), 38 S Dearborn..Randolph 3811
Brockman Albert J, 111 W Washington.Franklin 5224
Cummings E A & Co, 40 N Dearborn....Central 24
Friend Alex & Co, 29 S LaSalle.....Randolph 4916
Hart & Whetston, factory property in Chicago exclusively, 5 N Lasalle.....Franklin 1186
Knight John B & Co, 74 W Washington.Randolph 242
Loeber Paul C & Co, Conway bldg.....Franklin 757
Lueder Arthur C, 40 N Dearborn.....Central 4001
Magill John R & Co, 35 N Dearborn....Central 7900
Newbury Geo G & Co, 6 N Clark.....Main 1624
Pridmore W A, (Real Estate, Investments and Valuations) City Hall Square bldg...Central 1211
Southard & Trainer, 30 N Michigan av...Central 971
Woltersdorf E & Co, 40 N Dearborn.....Central 5934

KENTUCKY

LOUISVILLE

Semonin Paul F & Co, Paul Jones bldg .....Bell-Main 3177 Home City 3177

LOUISIANA

NEW ORLEANS

Eiseman Meyer, 722 Common.....Main 1048

MASSACHUSETTS

BOSTON

Beacon Mortgage & Realty Co, 68 Devonshire .....Fort Hill 480
Puritan Realty Co, 35 Court.....Main 164

NEWTON

Burns John T & Sons, Inc, (Locate in Newton—See us first), 363 Centre..Newton North 570

MICHIGAN

DETROIT

Ball E C Co, Dime Bank bldg.....Cadillac 456
Downtown Realty Co, Farwell bldg.....Cadillac 7615
Finn Cummings Co, Ford bldg.....Cadillac 6414
Heal John P, 181 Griswold.....Cadillac 538
Maloney-Campbell Realty Co, Free Press bldg .....Cherry 1195
Paterson Fred & Co, Penobscot bldg.....Cherry 5015
See our Catalog Space, page 1001
Webster-Oliver-Streeter Co, Inc, Penobscot bldg .....Cadillac 3448
Willard & Willard, Holden bldg.....Cherry 3010

REAL ESTATE—CONTINUED

NEW JERSEY

CAMDEN

Clow Robert D Jr (Factory Sites, Homes, Ground & Insurance) 21 Broadway...Camden 341

TRENTON

Dickinson W M (General Insurance) 145 E Hanover .....Trenton 2000

NEW YORK

BUFFALO

Harrison Real Estate Corp, Morgan bldg...Seneca 36
Winn Realty Co, 1008 D S Morgan bldg..Seneca 674

NEW YORK CITY

Ryan Geo J, 46 Jackson av L I C..Hunters Point 3451

ROCHESTER

Bradstreet Realty Company, Granite bldg...Main 2724

OHIO

CINCINNATI

Green's A R Farm Agency, Johnston bldg..Main 4284
Koch Al Real Estate Co, Provident Bank bldg .....Canal 1050
Mayer Theodore & Bro, 1st National Bank bldg .....Main 921
Tice Arthur R, 1st National Bank bldg.....Main 1994

SPRINGFIELD

Kissell Real Estate Co The, Bell-Main 401
Fairbanks bldg .....Ohio State 401

PENNSYLVANIA

PHILADELPHIA

Reading Thos A & Son, 709 Walnut.....Walnut 1858

YORK

Rutter John H, 42 W Market Bell-York 464-M
.....Independent-York 945J

WISCONSIN

MILWAUKEE

Gridley L L, Majestic bldg.....Grand 1692

REAL ESTATE—ACREAGE, FACTORY, FACTORY SITES

MICHIGAN

DETROIT

Paterson Fred O & Co, Penobscot bldg....Cherry 5026
See our Catalog Space, page 1001

REAL ESTATE—AUCTIONEER

LOUISIANA

NEW ORLEANS

Hufft Louis, 808 Perdido.....Main 251

REAL ESTATE BROKERS AND AGENTS

MARYLAND

BALTIMORE

Martien Wm & Co, Lexington bldg.....St Paul 7243
See our Catalog Space, page 1000

NEW YORK

NEW YORK CITY

Dowd Jas A, 874, 6th av.....Circle 32
Fuerst William F Inc, 87 Nassau.....Cortland 1633
Ullman C L & D L, 3221 White Plains Avenue, Bronx .....Wmsbridge 36
Whiting Wm H & Co, 41 Park Row....Cortland 5900

REAL ESTATE & BUSINESS BROKERS

NEW YORK

NEW YORK CITY

Rosenblum J & Co, 44 E 23d.....Gramercy 1714

REAL ESTATE—BUSINESS LOCATIONS—HIGH GRADE HOMES

MICHIGAN

DETROIT

Fasquelle L J, Holden bldg.....Cherry 511

REAL ESTATE—BUSINESS LOCATIONS, LEASES, FACTORY SITES

MICHIGAN

DETROIT

Asam Reece Co, The, (Successors to the Asam Richardson Co), Moffat bldg.....Cherry 669

REAL ESTATE COLLEGE

PENNSYLVANIA

PITTSBURGH

Business & Realty Exchange, Union Arcade bldg, P O Box 988.....Grant 4569

REAL ESTATE—FACTORIES

NEW YORK

NEW YORK CITY

Ludden Herbert R, 373 Fulton Bklyn.....Main 6835

OHIO

CINCINNATI

Mathers Hiram S, Traction bldg.....Main 1812

REAL ESTATE, FACTORY SITES

MICHIGAN

DETROIT

Stimson Edward I, Moffat bldg.....Main 781

PONTIAC

Groesbeck & Seeley, Pontiac Savings Bank bldg .....Pontiac 908

PENNSYLVANIA

PITTSBURGH

Arcadia Real Estate Co, 4078 JenkinsArcade.Grant 6745
McDonald-Niles Realty Co, 4076 Jenkins Arcade .....Grant 6745

REAL ESTATE—INDUSTRIAL

ILLINOIS

CHICAGO

Hedenberg James W (Send for Industrial Map; 50c) 40 N Dearborn.....Central 1121
Mills Walter, 30 N Lasalle.....Franklin 923
Reilly Wm J, 127 N Dearborn.....Central 8378

LOUISIANA

NEW ORLEANS

Rosenberg-Rowan Co, 904 Gravier.....Main 4471

REAL ESTATE—INDUSTRIAL AND BUSINESS PROPERTIES

OHIO

AKRON

Akron Associates Co The, 500 Ohio Bell-Main 2254
bldg .....Ohio State-2254

REAL ESTATE & INSURANCE

NEW YORK

NEW YORK CITY

Andreozzi George V, 399 Union Brooklyn.Hamilton 2208

REAL ESTATE (GENERAL) INSURANCE AND AUCTIONEERS

INDIANA

EVANSVILLE

Cooper Elder & Co, (William V Cooper, Mgr, Oldest Real Estate Firm in City. Prompt Attention to Collections. Care of Real Estate), 219 Upper 3d .....Evansville 6233-J

REAL ESTATE, INSURANCE, MORTGAGES

CONNECTICUT

ANSONIA

Crossman Murray A, 263 Main.....Derby 175

REAL ESTATE—INSURANCE, RENTING AND LOANS

SOUTH CAROLINA

COLUMBIA

Fogle A W & Co, 1410 Main.....Columbia 1874

REAL ESTATE—INVESTMENTS

MICHIGAN

DETROIT

Agnew A P, Stevens bldg.....Cherry 2153

REAL ESTATE, INVESTMENTS—BUSINESS PROPERTIES

MICHIGAN

DETROIT

Paterson Fred O & Co, Penobscot bldg....Cherry 5026
See our Catalog Space, page 1001

REAL ESTATE—MINERAL LANDS, TIMBER AND WATER POWER

NORTH CAROLINA

ASHEVILLE

Asheville Real Estate Exchange Co, Park sq .....Ashville 3031

REAL ESTATE, RENTING, LOANS & INSURANCE

GEORGIA

ATLANTA

Adair Forrest & George, Atlanta National Bank bldg .....Main 77

REAL ESTATE—SUBURBAN ESTATES—FACTORY SITES

MICHIGAN

PONTIAC

Waldron Edwin P, Res Off Bloomfield Highlands, "Bloomfield Highlands" & "Forest Park Estates" among Bloomfield Hills for Sale in Detroit & Pontiac, Mich.....Pontiac 1318J

REAMER—CARBON AND HIGH SPEED MANUFACTURERS

OHIO

ALLIANCE

Buckeye Twist Drill Co, The, West Ely ..... Bell-Alliance 791 Ohio State-3146

REAMERS

CALIFORNIA

STOCKTON

Whitman & Barnes Mfg Co, The (C H Kliever, Rep) ..... Stockton 2798

ILLINOIS

CHICAGO

Cleveland Twist Drill Co The, (A L Beardsley Agent) 9 N Jefferson ..... Main 2866
Whitman & Barnes Mfg Co, The (J C Scanlon, Agt), 566 Washington.... Franklin 2210

MICHIGAN

DETROIT

Arrow Tool & Reamer Co, 332 Artillery av.. Cedar 2793
Detroit Twist Drill Co, 684-46 W Fort.... West 375
Whitman & Barnes Mfg Co, The (C D Eno, Agt), 60 Moore pl..... Walnut 2631M

MISSOURI

KANSAS CITY

Whitman & Barnes Mfg Co The, (The Carr Manufacturing Co, Agents) ..... Bell-Main 360 Independent-Main 360

NEW YORK

NEW YORK CITY

Cleveland Twist Drill Co The, (Edward Jung Agent) 30 Reade..... Worth 122
Detroit Twist Drill Co, 30 Warren..... Barclay 4702
Whitman & Barnes Mfg Co, The (Ralph Templeton, Mgr), 64 Reade..... Worth 3270

OHIO

AKRON

Whitman & Barnes Mfg Co The, 114 E Buchtel av ..... Bell-Main 5080 Ohio State-2148

CINCINNATI

Whitman & Barnes Mfg Co, The (H Z Callendar, Agt), First National Bank bldg... Main 825

CLEVELAND

Cleveland Twist Drill Co The, E 49th and Lakeside ..... Rosedale 3120
Kelly Reamer Co The, 1655 Columbus rd.... Main 1080

PENNSYLVANIA

PHILADELPHIA

Whitman & Barnes Mfg Co, The (The Tracy, E W Haine, Rep)..... Keystone 4301D

PITTSBURGH

Whitman & Barnes Mfg Co, The (R S Carter, Rep), 416 Eighth..... Oakmont 161

REAMERS—CARBON & HIGH SPEED

MICHIGAN

DETROIT

Fisher Tool & Supply Co, 40-42 Larned E. Cherry 3980

REAMERS—HIGH SPEED

MICHIGAN

DETROIT

Welsmore Mfg Co Inc, 302 E Congress.... Cherry 1992

REAMERS (STRAIGHT AND SPIRAL FLUTED) MNFRS.

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 13 S Clinton ..... Main 2106

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation... Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren ..... Barclay 5532

REAMERS—RE-CUT

MICHIGAN

DETROIT

Detroit Reamer Salvage Co, 822 Warren av W ..... Walnut 3776

REAMERS, REPAIRED

MICHIGAN

DETROIT

Peninsular Tool Salvage Co, 45 East Fort.. Cherry 4243

REBUILT ADDING MACHINES—BOUGHT, SOLD, EXCHANGED

NEW YORK

NEW YORK CITY

Adding Machine Inspection and Sales Co, 206 Broadway ..... Cortland 6739

RECEPTACLES

CONNECTICUT

HARTFORD

"Diamond H", (The Hart Mfg Co) Hamilton ..... Charter 2176

ILLINOIS

CHICAGO

"Diamond H" (The Hart Mfg Co) 411 S Jefferson ..... Harrison 6521

NEW YORK

NEW YORK CITY

"Diamond H" (The Hart Mfg Co) 30 Church ..... Cortland 7936

RECEPTACLES, WATERPROOFED PAPER CUPS AND TUBS

NEW JERSEY

NEWARK

Mono-Service Company, Verona av & Oraton st ..... Branch Brook 4300
See our Catalog Space, page 935

RECORDERS CO_2

ILLINOIS

CHICAGO

Combustion Appliances Co, 7101 N Clark cor E Ravenswood..... Rogers Pk 570

RECORDERS—COMBUSTION

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg ..... Rector 9638

RECORDERS—DRAFT

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg..... Rector 9638

RECORDERS, TEMPERATURE—OPERATION

NEW YORK

NEW YORK CITY

Thwing Instrument Company, 59 Pearl... Broad 4657

PENNSYLVANIA

PHILADELPHIA

Thwing Instrument Company, 3341 Lancaster av ..... Preston 4283

PITTSBURGH

Thwing Instrument Company, Oliver bldg... Grant 252

RECORDING INSTRUMENTS

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg..... Rector 9638

RECORDING SHIP LOGS & RANGE FINDERS

OHIO

CLEVELAND

Nicholson Ship Log Co, 409 Superior av NW ..... Main 3695

RECORDS

NEW YORK

NEW ROCHELLE

Jones Speedometer The Cedar and Orchard ..... New Rochelle 2720

RECUPERATIVE FURNACES FOR INDUSTRIAL PURPOSES

NEW YORK

NEW YORK CITY

Hermansen A, Woolworth bldg..... Barclay 7666

RED OIL

NEW YORK

NEW YORK CITY

Gross A & Co, 90 West..... Rector 1521

REEDS AND RATTANS

NEW YORK

NEW YORK CITY

Demarest Charles H, 150 Water..... John 1889

PENNSYLVANIA

PHILADELPHIA

Auer & Twitchell, 841 Chestnut..... Bell-Walnut 918
..... Keystone-Main 1691

REFINERIES—OIL, STILLS, AGITATORS AND CONDENSORS

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush ..... Bell-Alliance 31 Ohio State-3268

REFINERS—ANIMAL, FISH AND VEGETABLE OILS

NEW YORK

NEW YORK CITY

Cook N B Oil Company, 148 Front..... John 434
See our Adv., page 1, opposite inside Front Cover

REFINERS AND ASSAYERS

PENNSYLVANIA

PHILADELPHIA

Hagstoz T B & Son, 709 Sansom..... Walnut 1627

REFINERS OF COPPERBEARING MATERIALS & ORES

OHIO

CLEVELAND

National Copper Refining Co The, 4215-17-19 Trumbull av.... Bell-Broadway 2131 Ohio State-Union 1278

REFINERS OF PETROLEUM OIL

KANSAS

KANSAS CITY

Kansas City Refining Co The, 1st and Troup av ..... West 922

OHIO

CLEVELAND

Canfield Oil Co The, 3216 E 55th ..... Bell-Broadway 1730 Ohio State-Union 205

REFINERS & SMELTERS

NEW JERSEY

NEWARK

Elizabethtown Smelting Co, 503 Mulberry. Waverly 900

REFLECTORS

CALIFORNIA

SAN FRANCISCO

Myers A L & Co, 111 New Montgomery... Garfield 1310
National X-Ray Reflector Co, (F S Mills, Resident Engineer) Bankers Investment bldg 742 Market ..... Sutter 3126

ILLINOIS

CHICAGO

American Reflector & Lighting Co, 517-523 W Jackson bl ..... Harrison 206
National X-Ray Reflector Co (Norman B Hickox, Sales Mngr) 225 W Jackson bl..... Wabash 2982
Overbagh & Ayres Mfg Co, 411 S Clinton. Harrison 3329
Watkins Frederick A, 565 W Washington. Franklin 3663

MINNESOTA

MINNEAPOLIS

National X-Ray Reflector Co, (I M Kirlin, Resident Engineer), Lumber Exch..... Main 4478

MISSOURI

KANSAS CITY

McElwain M A, 15 W 9th ..... Bell-Main 975 Home-Main 7240

ST LOUIS

National X-Ray Reflector Co (F E Lauderbach, Resident Engineer).... Bell-Olive 2492
917 Pine ..... Kinloch-Central 629

NEW YORK

NEW YORK CITY

Bailey Reflector Company, 489, 5th av. Vanderbilt 3044
Frink I P Inc 239, 10th av ..... Chelsea 833
King J C, 162 W 34th..... Greeley 4888
National X-Ray Reflector Co, (R B Corby, Mngr) 31 W 46th..... Bryant 6843
Sunlight Reflector Co, 226 Pacific Bklyn.... Main 8198

PENNSYLVANIA

PHILADELPHIA

National X-Ray Reflector Co (Brown-White Inc, Resident Engineers) Colonial Trust bldg ..... Walnut 6426

PITTSBURGH

Bailey Reflector Company, 617-19-21, 2d av. Court 2162
Pittsburgh Reflector & Illuminating Co, 3117 Penn av..... Grant 6218

REFLECTORS, PORCELAIN ENAMELED, STEEL

NEW YORK

NEW YORK CITY

Ingram-Richardson Mfg Co, 100 William... John 2394

REFRACTORY MATERIALS

NEW YORK

NEW YORK CITY

Hoffman Chas V Co Inc, 95 Liberty..... Cortland 1967

REFRIGERATING CHEMICALS & SUPPLIES

NEW YORK

NEW YORK CITY

Schwenker W M Inc, 340-342-344 E 92d... Lenox 435

REFRIGERATING ENGINEERS

CONNECTICUT

BRIDGEPORT

Fletcher-Thompson Incorporated, 1089 Broad ..... Barnum 4800

HARTFORD

Fletcher-Thompson Incorporated, 626 Connecticut Mutual bldg ..... Bushnell 234

NEW JERSEY

NEWARK

Fletcher-Thompson Incorporated, 207 Market ..... Market 4467

RHODE ISLAND

PROVIDENCE

Fletcher-Thompson Incorporated, Turk's Head bldg ..... Union 1989

REFRIGERATING AND ICE MAKING MACHINERY

ILLINOIS

CHICAGO

Peerless Ice Machine Co The, 72 W Adams ..... Randolph 742

IOWA

FORT MADISON

Continental Machine & Foundry Co.. Fort Madison 31

OHIO

CLEVELAND

Phoenix Ice Machine Co The, 2711 Church av ..... Harvard 1753

REFRIGERATING & ICE PLANTS

CALIFORNIA

LOS ANGELES

Vilter Mfg Co, (O M Gay & Son) 335 Towne.. Main 2869

ILLINOIS

CHICAGO

Vilter Mfg Co The, Monadnock blk..... Harrison 1627

NEW YORK

NEW YORK CITY

De La Vergne Machine Co, foot of East 138th ..... Melrose 3200

PENNSYLVANIA

PHILADELPHIA

Vilter Mfg Co The, (W E Hexamer) 932 Chestnut ..... Walnut 6747

WISCONSIN

MILWAUKEE

Vilter Mfg Co The, 1016-1026 Clinton.... Hanover 111

REFRIGERATING MACHINES

ILLINOIS

CHICAGO

Kroeschell Bros Ice Machine Co, 460-472 W Erie..... Superior 8680

NEW YORK

NEW YORK CITY

Kroeschell Bros Ice Machine Co, 30 Church ..... Cortland 2370

REFRIGERATING MACHINES (MNFRS.)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

REFRIGERATOR BUILDERS

ILLINOIS

CHICAGO

Bromann Bros, Fulton and Peoria..... Monroe 4082
Matot D A, 1538-1546 Montana..... Lincoln [illegible]

MICHIGAN

DETROIT

Chrysler & Koppin, 819-825 Warren av W. Walnut 93

REFRIGERATORS

ILLINOIS

CHICAGO

Bromann Bros, Fulton and Peoria..... Monroe 4082
Randall A L Co, 180 N Wabash av..... Central 7720

NEW JERSEY

TRENTON

Hill C V & Co Inc, 358 Pennington av.... Trenton 558

NEW YORK

MOUNT VERNON

Garland Refrigerator Co, 40 Beach....Mt Vernon 177

NEW YORK CITY

Lorillard Refrigerator Co The, 25 W 32d..Mad Sq 1342
McKee Refrigerator Co (Manufacturers of High Grade Refrigerators) 119 Lorimer Bklyn .....Wmsburg 4892

REFRIGERATORS (MANUFACTURERS OF ALL KINDS)

ILLINOIS

CHICAGO

White Enamel Refrigerator Co, 68 E Washington ..... Randolph 621

LOUISIANA

NEW ORLEANS

Wm Leibe Refrigerator Manfg, 740 Pagdras..Main 2874

MASSACHUSETTS

BOSTON

Seeger Refrigerator Co, 82-84 Washington .....Richmond 2917

MINNESOTA

ST PAUL

Bohn Refrigerator Company, 1338 University av ..... Bell-Midway 158 Tri State 81351
Seeger Refrigerator Co, Arcade & Wells ..... Bell-Bomont 1100 Tri State 78100

NEW YORK

NEW YORK CITY

Seeger Refrigerator Co, 101 Park av...Murry Hil 9749
White Enamel Refrigerator Co, 59 W 42dVanderbilt 1927

REFRIGERATORS, BUILT IN, SANITARY

NEW YORK

NEW YORK CITY

Richmond & Daniels Inc, 90 West.....Rector 4681

REFRIGERATORS, FOR ALL PURPOSES

ILLINOIS

CHICAGO

Jones-Wells Co The, 17-19 S Wabash av.Randolph 6188
Jaenicke Paul J Co, Butcher Boy, 321 W So Water .....Main 3773
McCray Refrigerator Co, 1000 S Michigan av ..... Wabash 5880

INDIANA

KENDALLVILLE

McCray Refrigerator Co .....Kendallville 60

IOWA

WATERLOO

Northey Mfg Co, Bluff and Park avs....Waterloo 1749

MASSACHUSETTS

BOSTON

McCray Refrigerator Co, 407 Boylston..Back Bay 5140

MISSOURI

KANSAS CITY

McCray Refrigerator Co, 1228 Walnut ..... Bell-Grand 4237 Home-Main 4237

NEW YORK

NEW YORK CITY

McCray Refrigerator Co, 7 & 9 W 30th...Mad Sq 8820

OHIO

CLEVELAND

McCray Refrigerator Co, 1915 Euclid av.Prospect 2241

COLUMBUS

McCray Refrigerator Co, 145 N High..Bell-Main 3771 .....Ohio State 4204

REFRIGERATORS, FOR APARTMENTS AND RESIDENCES

MICHIGAN

GREENVILLE

Ranney Refrigerator Co, 20 Charles ..... Bell-Greenville 41 Citizens-Greenville 41

REFRIGERATORS, FOR BUTCHERS, GROCERS & FLORISTS

ILLINOIS

CHICAGO

Reliable Store Fixture Co, Inc, 448-450 N Wells .....Franklin 3380

REFRIGERATORS FOR HOTELS, MARKETS & GROCERS

PENNSYLVANIA

CLEARFIELD

Banta Refrigerator Co, Bigler av Bell-Clearfield 96 .....H & C 96

REFRIGERATORS AND INSULATORS FOR ALL PURPOSES

ILLINOIS

CHICAGO

Crosby, Gustus, Erzinger Co, (Formerly with Orr & Lockett Hardware Co), Carroll av and Elizabeth ..... Monroe 2971

REFRIGERATORS, FOR MARKETS HOTELS AND RESIDENCES

ILLINOIS

CHICAGO

Brunswick-Balke-Collender Co The, 623-625 S Wabash av.....Harrison 6220

REFRIGERATORS, MARKET AND STORE FIXTURES

ILLINOIS

CHICAGO

Bromann Bros, Fulton and Peoria.....Monroe 4082

REFUSE BURNERS—PORTABLE, APPROVED BY CHICAGO

ILLINOIS

CHICAGO

Doolan Manufacturing Co The, 817 Larrabee .....Superior 6269

REGALIA

OHIO

CINCINNATI

Central Regalia Co, nw cor 8th and Plum..Canal 778

REGALIA FOR ALL SOCIETIES

NEW YORK

NEW YORK CITY

Kraus I, 134 Clinton.....Orchard 1728

REGALIA FOR LODGES—UNIFORMS

OHIO

CINCINNATI

Cincinnati Regalia Co The, 4th and Elm ...Main 2165

REGALIA, SOCIETY GOODS AND BUTTONS

ILLINOIS

CHICAGO

Lauterer Geo Co, 222 W Madison.....Main 4728

REGISTERS—WARM AIR

CONNECTICUT

NEW BRITAIN

Hart & Cooley Co, Booth st.....New Britain 1250

ILLINOIS

CHICAGO

Smith V A Co, 236 W Lake.....Main 2971

REGISTERS WARM AIR (SIDE WALL & FLOOR)

IOWA

WATERLOO

Waterloo Register Co, 110-12 Rath.....Waterloo 1807

REGULATORS, COMBUSTION

PENNSYLVANIA

PITTSBURGH

Hagan Geo J Co, 307, 4th av Peoples bank bldg .....Court 3057
See our Catalog Space, page 956

REGULATORS—DAMPER

NEW YORK

NEW YORK CITY

Thomson Richard & Co, 126 Liberty.....Rector 2063

REGULATORS—FEED WATER

OHIO

FOSTORIA

S-C Regulator Manufacturing Co The, cor Perry and High.....Main 69

PENNSLYVANIA

ERIE

Copes (Northern Equipment Co) 111 West 11th ..... Erie 1766-J

REGULATORS (MANUFACTURERS) FOR FURNACES

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951, Ohio State 2583

REGULATORS—OXYGEN AND ACETYLENE

ILLINOIS

CHICAGO

Bastian-Blessing Co The, 125-131 W Austin av ..... Franklin 1717

REINFORCED CONCRETE & STRUCTURAL DESIGN

INDIANA

INDIANAPOLIS

Baker Hugh J & Company, Majestic bldg ..... Bell-Main 1728, Automatic 25-913

REINFORCEMENT FOR CONCRETE

MASSACHUSETTS

BOSTON

Tucker Edward A Co, 683 Atlantic av.... Beach 4670

RELAYING RAILS

MISSOURI

ST LOUIS

Greenspon's Jos Sons Iron & Steel Co, Second & Branch ..... Tyler 236

RELAYING RAILS, USABLE R. R SUPPLIES AND EQUIPMENT

MINNESOTA

ST PAUL

Paper Calmenson & Co (Buyers & Sellers of Relaying Rails, Angle Bars, Wholesale Railway Supplies & Equipment of all description, Scrap Iron & Metals) ft of Bradley ..... Bell-Bomont 4200, Tri State 77145

REMNANTS

NEW YORK

NEW YORK CITY

Ellice John Co The, 189 Washington.... Cortland 3463

REMNANTS—ALL GRADES—CHEESE CLOTH—ALL PURPOSES

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc, 453-455 W 16th ..... Chelsea 8540

REMNANTS—ALL NEW, CHEESE CLOTH, ETC. FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Mill Remnant Co, 19 Bond ..... Spring 3830
See our Catalog Space, page 937

REPAIRS—ELECTRICAL AND MECHANICAL

PENNSYLVANIA

YORK

Motter's Geo F Sons, 138 Water..... York 557

REPORTING (VERBATIM) CONVENTIONS, MEETINGS, ETC.

NEW YORK

NEW YORK CITY

Convention Reporting Co, 32 Union sq.. Stuyvesant 1963

REPRODUCTIONS

MASSACHUSETTS

BOSTON

Associated Architects Printing & Supply Co, (Gelitho Reproduction Process on Tracing Cloth), 144 Congress..... Fort Hill 4013

RESTAURANT CHECKING SYSTEMS AND COUPON BOOKS

CALIFORNIA

SAN FRANCISCO

National Checking Company, 1224 Taylor ..... Bell-Prospect 3463, Franklin 6581

ILLINOIS

CHICAGO

National Checking Company, Republic bldg, State & Adams ..... Wabash 722

MINNESOTA

ST PAUL

National Checking Company, 269-271 Chestnut ..... Bell-Cedar 3495, Tri State 24453

NEW YORK

NEW YORK CITY

National Checking Company, Grand Central Terminal ..... Murray Hill 7487

RESTAURANT COOKING APPARATUS

ILLINOIS

CHICAGO

Stearnes Company The, 215 N Mich av.. Randolph 4318

RESTAURANT FIXTURES (DESIGNERS AND MNFRS.)

ILLINOIS

CHICAGO

American Store Fixture Co, 121-125 S Halsted ..... Monroe 5540
Inter-Ocean Cabinet Co, 322-326 S Paulina.. West 3319

RESTAURANT & HOTEL OUTFTRS CHINA, GLASS & SILVERWARE

ILLINOIS

CHICAGO

Restaurant China Co, 138 W Lake..... Franklin 2116

RESTAURANT & HOTEL RANGES

ILLINOIS

CHICAGO

Traub Wm F Range Co, 231 W Superior. Superior 7670

RESTAURANT KITCHEN EQUIPMENT

ILLINOIS

CHICAGO

Simonds Range Co, 127 N Market..... Main 2138

RESTAURANT OUTFITS—NEW & SECOND HAND

OHIO

CINCINNATI

Economy Supply Co, 126 E Pearl..... Main 1147

RESTAURANT OUTFITTERS

MICHIGAN

DETROIT

Buckers J H Mfg Co, 65-73 Catherine..... Main 1674

RESTAURANT SUPPLIES

NEW YORK

NEW YORK CITY

Restaurant Furniture Co, 142-144 Wooster. Spring 7323
See our Catalog Space, page 1001

RESTAURANTS

MASSACHUSETTS

BOSTON

Hotel Napoli (See Hotels)
Table d'Hote Lunch 11 to 3..... 50c
Table d'Hote Dinner 5 to 9..... 75c
Special Daily Combination..... 50c
Jct Friend and Washington..... Haymarket 1589

RETINNING OF SHEET METALS

TEXAS

SAN ANTONIO

Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

REVOLVING DOORS

NEW YORK

NEW YORK CITY

Revolving-Door & Fixture Co, 1328 Broadway ..... Greeley 4404

RHEOSTATS

ILLINOIS

CHICAGO

Schaefer Bros Co, 1059 West Eleventh.... Monroe 806

RHINESTONE NOVELTIES

NEW YORK

NEW YORK CITY

Rothschild & Co, 30 W Houston..... Spring 873

RIBBON MANUFACTURERS

ILLINOIS

CHICAGO

Barton F C (Domestic ribbons, silk tapes a specialty), Brooks bldg, 223 W Jackson boul ..... Wabash 2741
Chicago Printed String Co ("Ribbonette"), 318 S LaSalle ..... Harrison 897

MASSACHUSETTS

BOSTON

Barton F C, (Domestic ribbons, silk tapes a specialty), 70 Kilby ..... Fort Hill 647

NEW JERSEY

PATERSON

Columbia Ribbon Co, The ..... Paterson 2800
See our Catalog Space, page 1002

NEW YORK

NEW YORK CITY

Barton F C, (Domestic ribbons, silk tapes a specialty), 65 Worth ..... Franklin 336
Emmerich Walter & Co, 428, 4th av ..... Mad Sq 8730
See our Catalog Space, page 1001
Frankenthaler & Frankenthaler, 622-626 Broadway ..... Spring 4650
See our Catalog Space, page 1001
Jacobs Wallace S Inc, 108 E 23d ..... Gramercy 1692
Wertheimer Bros (Owners, operators Werbro Ribbon Mfg Co, Buy your ribbons direct from the Mills- All Widths, Plain and Fancy) 19 E 24th. Mad Sq 4390

RIBBON MNFRS. & IMPORTERS

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co, (Ribbon, All Widths for Mfg), 114, 5th av ..... Chelsea 8283
Cohen & Hiller Inc, 874 Bway ..... Gramercy 2895
Corbett Brothers Co, 222, 4th av ..... Gramercy 5162
Krause R & Son, 22 W 19th ..... Chelsea 3143
Smith & Kaufmann (Ribbons, silk and ribbon novelties), 19 E 26th ..... Mad Sq 9550

RIBBONS OF EVERY DESCRIPTION

NEW JERSEY

PATERSON

Eclipse Silk Mfg Co, 118-128 Jackson ... Paterson 2145

RICE

PENNSYLVANIA

PHILADELPHIA

Craig D S & H Inc, (Rice packed with Jobber's Private Brand), 111-113 ..... Bell-Lombard 173
S Front ..... Keystone-Main 3680

RICE MACHINERY

NEW YORK

SILVER CREEK

Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

RICE MILLS

LOUISIANA

NEW ORLEANS

Rickert's Rice Mills, 210 Girod ..... Main 2458

RICE, SPICES, TAPIOCA, FOR EXPORT—POTATO & RICE FLOUR

NEW YORK

NEW YORK CITY

Armstrong Chas E, 5 State ..... Bowling Green 9190

RIDDLES, COAL OR SAND

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 684 S Newstead av ..... Lindell 637

RIDDLES, SAND

MICHIGAN

MUSKEGON

Rodgers Boiler & Burner Co, G R & I Tracks & Grand av ..... Muskegon 2313

RIGGERS

NEW YORK

NEW YORK CITY

Krasilovsky S & Bro, 218 Centre ..... Canal 187

OHIO

CINCINNATI

Bishop Rigging Co, 1105 Gilbert av ..... Canal 371

RIGGING

OHIO

CINCINNATI

American Rigging Co, Pioneer and Culvert .. Canal 3383
Fenton Rigging Co, 243 Butler ..... Canal 970

RIMS, MOTOR CAR

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg .. Main 6933

RING MANUFACTURERS

RHODE ISLAND

PROVIDENCE

Loeb Wm & Co, 150 Chestnut ..... Union 3900

RINGS AND CLIPS (WIRE)

CONNECTICUT

NEW HAVEN

Wire Novelty Mfg Co The ..... West 25
See our Catalog Space, page 1025

RINGS—STEEL

NEW YORK

BUFFALO

U S Hame Company, 135 Tonawanda ..... North 1310

RINGS—WOOD—SPECIAL

ILLINOIS

CHICAGO

La Pierre Henry M Co, 1314 W 21st ..... Canal 3137
See our Catalog Space, page 1026

RIVET MFRS.—ALL KINDS

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn. Central 3264

RIVET SETS

ILLINOIS

CHICAGO

Rich Tool Co, 80 E Jackson bl ..... Harrison 3537

OHIO

CLEVELAND

Cleveland Steel Tool Co The, 660 E 82d. Rosedale 841

RIVET SETS & PNEUMATIC TOOLS

ILLINOIS

CHICAGO

Octigan Drop Forge Co, 25th & Lowe av. Boulevard 8414
See our Catalog Space, page 913

RIVETER MFRS.—PNEUMATIC

OHIO

CANTON

Pittsburgh Pneumatic Co The, 900 Lawrence rd N E ..... Main 862

RIVETING MACHINERY

NEW YORK

ROCHESTER

High Speed Hammer Co, 307 St Paul ..... Main 6355

RIVETS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av ..... Albany 4010
Central Screw Co, 3500 Princeton av ..... Drover 6210

NEW YORK

PORT CHESTER

Russell Burdsall & Ward Bolt & Nut Co ..... Port Chester 201

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and and Commerce N W cor Main-1704

RIVETS-ALL METALS-TO ORDER

CONNECTICUT

WATERBURY

Blake & Johnson Co The, Waterville ... Waterbury 723

ILLINOIS

CHICAGO

Pheoll Manufacturing Co, 5702 W 12th. Columbus 300

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn ..... Greenpoint 2391

RIVETS—BOILER, SHIP, TANK & STRUCTURAL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1000

NEW JERSEY

BAYONNE

Bayonne Bolt & Nut Co, 2d & Trask av. Bayonne 1171

RIVETS—BOILER, SHIP, TANK & STRUCTURAL—CONTINUED

OHIO

CLEVELAND

Champion Rivet Co, Harvard av S E and E 108th.....Bell-Broadway 735 Ohio State-Union 883-L

PENNSLYVANIA

GLASSPORT

Severance S Manufacturing Co, ...Bell-Glassport 135 P & A-McKeesport 377

RIVETS AND BOLTS

ILLINOIS

CHICAGO

Dearborn Steel & Iron Co, 122 S Michigan av .....Harrison 1251

RIVETS, BRASS, COPPER, BRONZE, GERMAN SILVER

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co, se cor Lombard and South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

RIVETS—PERFECTION BOILER—SHIP & STRUCTURAL

OHIO

CLEVELAND

Carlin Anthony Rivet Works, 2717 E 75th.Rosedale 234

RIVETS AND WASHERS—CUT MALLEABLE AND CAST IRON

ILLINOIS

ROCKFORD

Rockford Bolt Company The, 200 Mill.....Main 147

ROACH POWDERS (MNFRS.)

MINNESOTA

MINNEAPOLIS

United Chemical Co, 128 E Lake.....South 321

ROAD BUILDING MACHINERY

WISCONSIN

RACINE

Case J I, T M Co, State and Douglas....Racine 103
See our Catalog Space, page 918

ROAD MACHINE EXCAVATORS, SELF LOADG, DUMPG WAGONS

IOWA

GRINNELL

Spaulding Mfg Co, 4th av and Spring...Grinnell 77

ROAD ROLLERS

ILLINOIS

CHICAGO

Shaw Willis, 80 E Jackson bl.....Harrison 22

MASSACHUSETTS

BOSTON

Buffalo Steam Roller Co, 34 Court sq.....Main 897

ROAD SCRAPERS, ADJUSTABLE, MULTIPLE, BLADE MNFRS

OHIO

LIMA

East Iron & Machine Co, 354 East Market..Main 3782

ROBE MANUFACTURERS

NEW YORK

NEW YORK CITY

Stroock S & Co (Manufacturers of the famous "Stroock Motorobes") 11 E 26th.....Mad Sq 8256

ROBES—AUTOMOBILE

NEW YORK

NEW YORK CITY

Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916

ROCK CRUSHERS

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle.....Majestic 7396

ROCKING GRATES

PENNSYLVANIA

CHAMBERSBURG

Hafer Foundry & Machine Works, 707 Fair Ground av.....Bell-Chambersburg 307-Y Independent 438-Y

RODS—ALUMINUM, ALSO INGOTS, PIGS, SHEETS & WIRE

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals), 188-189 Commerce...Liberty 4320
See our Adv., page 32 first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32 first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort E....Cadillac 2828
See our Adv., page 32 first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv., page 32 first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co, Inc (Mfrs U S A Virgin Metals), Union Arcade.....Grant 5979
See our Adv., page 32 first page opposite Section 1

RODS & SHEETING, BRONZE PHOSPHOR

PENNSYLVANIA

PHILADELPHIA

Phospor Bronze Smelting Co The, 2200 Washington av .....Dickinson 870
See our Catalog Space, page 929

ROLL GOLD AND ALUMINUM LEAF IN ROLLS

RHODE ISLAND

PROVIDENCE

American Roll Gold Leaf Co, 56 Pine.....Union 2172

ROLLED GLASS

CALIFORNIA

SAN FRANCISCO

Western Glass Co The, (L H Butcher Co Agts) Marine bldg .....Kearney 5095

ILLINOIS

STREATOR

Western Glass Co The, 610 S Vermillion..Streator 479

NEW YORK

NEW YORK CITY

Western Glass Co The, (S Bryan Kneass Agt) 393 Canal .....Canal 3867

ROLLED THREAD MACHINE SCREWS

MASSACHUSETTS

BOSTON

New England Screw Co, 44 Farnsworth.....Main 6840

ROLLER BEARINGS

CONNECTICUT

NEW HAVEN

Smith Raymond W Inc "Hyatt" 17 Portsea .....Liberty 2706

ILLINOIS

CHICAGO

Pyott Co "Sells" 955 Carroll av.....Haymarket 6336

NEW YORK

NEW YORK CITY

Gwilliam Co, 253 W 58th.....Columbus 8355
New Departure Service Station, 253 W 58th .....Columbus 8355
Smith Raymond W Inc, "Hyatt", 120 Liberty .....Rector 2406

PENNSYLVANIA

PHILADELPHIA

Gwilliam Co The, 1314 Arch.....Walnut 349
New Departure Service Station, 1314 Arch.Walnut 349
Wright Roller Bearing Co, 20th and Indiana .....Tioga 418

ROLLER BEARINGS, TAPER

ILLINOIS

CHICAGO

Standard Roller Bearing Co, 2206 S Michigan av ..... Calumet 243

INDIANA

INDIANAPOLIS

Standard Roller Bearing Co, Hume-Mansur bldg ..... Main 4045

MASSACHUSETTS

BOSTON

Standard Roller Bearing Co, 163 Mass av ..... Back Bay 3300

MICHIGAN

DETROIT

Standard Roller Bearing Co, 936 Woodward av ..... Glendale 4829

PENNSLYVANIA

PHILADELPHIA

Standard Roller Bearing Co, 50th and Lancaster av ..... Belmont 550

ROLLING MILL EQUIPMENT

PENNSLYVANIA

PITTSBURGH

Pittsburgh Rolls Corp, (Successors to Seamon, Sleeth Co) 41st and A V RR..Fisk 478

ROLLING MILL MACHINERY

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market..Danville 21

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works, Providence....Union 1857

ROLLING MILL WORK

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4628 Lakeside av N E..... Rosedale 6301

ROLLING MILLS, BRASS, COPPER, SILVER & LEAD

CONNECTICUT

ANSONIA

Farrel Foundry & Machine Co, 30 Main....Derby 148

ROLLING—NONFERROUS METALS, EXACT GAUGING

CONNECTICUT

BRIDGEPORT

Landy & Harman ..... Barnum 377

ROLLING SHUTTERS

ILLINOIS

CHICAGO

Guaranty Iron & Wire Co, 2851 W Lake. Garfield 7259

ROLLING STEEL DOORS & SHUTTERS

NEW YORK

NEW YORK CITY

Cornell Iron Works, (Manufacture largest doors. Repair all makes) 601 W 26th..... Chelsea 1423

ROLLING STEEL DOORS & SHUTTERS, GEARED OR COILING

NEW YORK

NEW YORK CITY

Cornell Iron Works, 26th and 11th av.... Chelsea 1423

ROLLS—CHILLED IRON & GREY IRON

CONNECTICUT

ANSONIA

Farrel Foundry & Machine Co, 30 Main.... Derby 148

ROLLS, STEEL

PENNSYLVANIA

PITTSBURGH

Duquesne Steel Foundry Co, Arrott bldg.... Court 3106

ROOF REPAIRING CEMENT

NEW YORK

NEW YORK CITY

Universal Compound Co Inc, ("Universal" Semi-Plastic For Tin, Composition Roofs), 2 Rector ..... Rector 6162

ROOFERS

ILLINOIS

CHICAGO

Murdoch Wm Co, work done anywhere in the U S 30 N Lasalle..... Franklin 4316
National Roofing Co, 3222 Wentworth av... Yards 1187
Pangere & Manta Co, 110 S Dearborn.. Randolph 6561
Standard Roofing Co The, 1615-1623 W Lake. West 5884

NEW YORK

NEW YORK CITY

International Guarantee Roofing Co, 1677 Lexington av ..... Harlem 3169

ROOFERS—ASPHALT ROOFING, PAINTS, WALL BOARD, ETC.

PENNSYLVANIA

LANCASTER

Coldren Roofing Co The, 341 N Queen ..... Bell-Lancaster 1947 Independent 364-Y

ROOFERS & ROOFING MATERIAL

LOUISIANA

NEW ORLEANS

White A H Roofing Mfg Co, Howard, Venus, Miro and Tonti ..... Main 3915

NEW YORK

NEW YORK CITY

Roof Maintenance Co, 207 E 129th.... Harlem 285

OHIO

CINCINNATI

Carey Philip Co The, Lockland..... Valley 370

ROOFERS AND STEEL CEILING CONTRACTORS

TEXAS

SAN ANTONIO

Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

ROOFING

COLORADO

DENVER

Western Elaterite Roofing Co The "Elaterite" Equitable bldg ..... Main 2575

ILLINOIS

CHICAGO

Biegler E N Inc, 2730 N Rockwell..... Humboldt 135

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway..... Richmond 357

OHIO

CINCINNATI

Cincinnati Sheet Metal & Roofing Co The, 230 E Front ..... Main 229

CLEVELAND

Cleveland Asbestos Roofing Co, 4951 Mead av ..... Broadway 681-R

ROOFING—ASPHALT ROOFING

NEW JERSEY

JERSEY CITY

Stowell Mfg Co, 240-280 Culver av..... Bergen 53

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl..... Rector 600

ROOFING, ASPHALT SHINGLES

DISTRICT OF COLUMBIA

WASHINGTON

Barber Asphalt Paving Co The (Genasco Brand) Munsey bldg ..... Franklin 291

ILLINOIS

CHICAGO

Barber Asphalt Paving Co The (Genasco Brand) Tribune bldg..... Randolph 3042

NEW YORK

NEW YORK CITY

Barber Asphalt Paving Co The (Genasco Brand) Woolworth bldg ..... Barclay 6260

PENNSYLVANIA

PHILADELPHIA

Barber Asphalt Paving Co The (Genasco Brand), Land Title bldg..... Spruce 5000

ROOFING, CANVAS

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane ..... Worth 4770

ROOFING CEMENT MANUFACTURERS

NEW YORK

NEW YORK CITY

Barrett Company The (Elastic), 17 Battery pl ..... Rector 600
Belknap-Moran-Allen Co inc The, 5 Ainslie Bklyn ..... Stagg 3270

ROOFING CLEATS

WISCONSIN

MILWAUKEE

Kettelson Machinery Co, 311 Enterprise bldg . Grand 3449

ROOFING, COMPOSITION & ASPHALT

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott and Tyler and Sou Ry . . . . . Main 1163

ROOFING CONTRACTORS, METAL, SLATE, TILE, ASPHALT

VIRGINIA

DANVILLE

Vass-Watson Corporation, 314 Craighead . . Danville 29

ROOFING CORRUGATED, IRON WORK, FIRE DOOR, VENTS

NEW JERSEY

JERSEY CITY

Schreck & Waelty, 27 Hague . . . . . Webster 4070

ROOFING ERECTORS, CORRUGATED IRON

PENNSYLVANIA

PITTSBURGH

Patridis William & Co, Germania Savings Bank bldg . . . . . Court 3747

ROOFING, EVERLASTIC

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl . . . . . Rector 600

ROOFING, FLOORING, STUCCO AND POINTING MATERIALS

ILLINOIS

SPRINGFIELD

Lyko Co Inc, 9th and Madison . . . . . Main 1286

ROOFING MATERIALS

ILLINOIS

CHICAGO

American Tar Products Co, 208 S LaSalle . Wabash 6396
Beckman Dawson Roofing Co, 19 S Lasalle . Central 4479
Hopkins H H Co, 111 and 113 W Lake . . . . Main 750
Sall Mountain Company, 230 S LaSalle . . . Wabash 1840

NEW YORK

NEW YORK CITY

Asphalt Ready Roofing Co, 9 Church . . . . Cortland 3543
Metropolitan Roofing Materials Co, 134th and 3e av . . . . . Melrose 8151
United States Roofing Co (United States roofing of the city known as rubberoid roofing. Guaranteed fifteen years. Prices reasonable. Specialists in export) 41 Park Row . . . . Cortland 6966

OHIO

CINCINNATI

Chatfield Mfg Co The, 34th and Lebanon . . . . . Valley 600
Chatfield & Woods Co The, Third and Plum . . . . . Main 953

PENNSLYVANIA

PHILADELPHIA

American Tin & Terne Plate Co, 24th and Vine . . . . . Locust 165

ROOFING MATERIALS, METAL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress . . . . . Main 7000
See our Catalog Space, page 1009

ROOFING—METAL, SLATE, TILE, ASPHALT, SHINGLES

NEW YORK

NEWBURGH

Atlas Roofing Co, 115-117 Clark . . . . . Newburgh 901

ROOFING, NEPONSET PAROID

OHIO

CINCINNATI

Hardware & Roofing Supply Co, 618 Elm . . . . Canal 306

ROOFING, PAINTED GALVANIZED

KENTUCKY

NEWPORT

Globe Iron Roofing and Corrugating Co 9th and Lowell . . . . . South 3151

ROOFING, PAINTED & GALVANIZED, STEEL & TONCAN METAL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-12, 10th av . . . . . Bell-Nicollet 534, Tri State 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, S E cor 22d and 11th av . . . . . Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E . . . . . Bell-Main 3000, Ohio State 271

ROOFING PAPERS

OHIO

CINCINNATI

Chatfield & Woods Co The, Third and Plum . . . . . Main 953
Diem & Wing Paper Co The, Gilbert Av Viaduct . . . . . Canal 2163

PENNSYLVANIA

PITTSBURGH

Chatfield & Woods Co The, 388, 3d av . . . . Court 1310

ROOFING PAPERS AND BUILDING PAPERS

OHIO

CLEVELAND

Union Paper & Twine Co, St Clair av N W . Main 6360

ROOFING, PLASTIC

OHIO

CLEVELAND

Iroquois Mfg Co The, 6408 Euclid av . . . . Rosedale 2308

ROOFING, PREPARED

ILLINOIS

CHICAGO

Heppes-Nelson Roofing Co The, 4500 Fillmore . . . . . Kedzie 2365

MINNESOTA

MINNEAPOLIS

Heppes-Nelson Roofing Co The, 405 Main NE . Main 5523

ROOFING PROTECTIONS

OHIO

CLEVELAND

Eclipse Paint & Mfg Co The, 6408 Euclid av . . . . . Rosedale 1350

ROOFING & SHEET METAL CONTRACTORS

MINNESOTA

DULUTH

Callan-Hopkins Company, 209-11 E Michigan . . . . . Bell-Melrose 927, Zenith-Grand 927

ROOFING—SHEET METAL WORK & BLOW PIPING

OHIO

CINCINNATI

Meyer Edw & Co, 212 Wade . . . . . Canal 684

ROOFING—SLAG

DISTRICT OF COLUMBIA

WASHINGTON

Warren-Ehret Co, 27th and H N W . . . . . West 5

MARYLAND

BALTIMORE

Warren-Ehert Co, 314 Guilford av . . . . . St. Paul 120

PENNSYLVANIA

PHILADELPHIA

Warren-Ehret Co, 36th and Grey's Ferry av . . . . . Bell-Dickinson 604, Keystone-Race 410

ROOFING SLATE

MISSOURI

ST LOUIS

Williams Jas E, 1548 S Vandeventer av . . . . . Bell-Grand 44, Kinloch-Victor 1

ROOFING—SLATE & PREPARED

PENNSYLVANIA

PITTSBURGH

Houston Brothers Co, Chamber of Commerce bldg . . . . . Grant 6

ROOFING TILE

DISTRICT OF COLUMBIA

WASHINGTON

Ludowici-Celadon Company, Union Trust bldg ..... Main 6924

ILLINOIS

CHICAGO

Ludowici-Celadon Company, Monroe bldg. Randolph 6740

MICHIGAN

DETROIT

Ludowici-Celadon Company, Ford bldg .... Cherry 6312

MINNESOTA

MINNEAPOLIS

Ludowici-Celadon Company, Plymouth bldg ..... Nicollet 3386

MISSOURI

KANSAS CITY

Ludowici-Celadon Company, Reliance bldg. Main 4303

ST LOUIS

Ludowici-Celadon Company, Pierce bldg ... Olive 1532

NEW YORK

NEW YORK CITY

Ludowici-Celadon Company, Fifth Ave bldg ..... Gramercy 2593

OHIO

CLEVELAND

Ludowici-Celadon Company, Hippodrome bldg ..... Main 2418

PENNSYLVANIA

PHILADELPHIA

Ludowici-Celadon Company, Weightman bldg ..... Spruce 1286

PITTSBURGH

Ludowici-Celadon Company, Park bldg .... Grant 1820

ROOFLIGHTS

NEW YORK

NEW YORK CITY

Keppler Glass Constructions Inc 101 Park av ..... Murray Hill 7156

ROPE

KANSAS

KANSAS CITY

Whitlock Cordage Co, Railway Exchange bldg. Main 9154

NEW YORK

NEW YORK CITY

National Rope Co, 106 Wall ..... John 1392
Whitlock Cordage Co, 46 South ..... Hanover 1030

ROPE: BRONZE PHOSPHOR

PENNSYLVANIA

PHILADELPHIA

Phosphor Bronze Smelting Co The, 2200 Washington av ..... Dickinson 870
See our Catalog Space, page 929

ROPE, CORDAGE

MICHIGAN

DETROIT

Camden O L & Co, 12 Griswold ..... Cherry 6423

ROPE AND CORDAGE (MNFRS.)

NEW YORK

NEW YORK CITY

New Bedford Cordage Co, 120 Bway ..... Rector 9217

ROPE—CORDAGE (SISAL AND MANILA)

NEW YORK

NEW YORK CITY

Disbrow Cordage Co, 149 Church ..... Barclay 5868

ROPE, CORDAGE, TWINES

NEW YORK

NEW YORK CITY

Grady M J Co Inc, 110-112 Read ..... Worth 4690
See our Catalog Space, page 1019

ROPE FIRE ESCAPES

PENNSYLVANIA

PHILADELPHIA

Tierney J P, 269 S 4th ..... Lombard 3115

ROPE FITTINGS AND TACKLE BLOCKS, ALL KINDS—MFRS.

NEW YORK

NEW YORK CITY

Upson-Walton Co of N Y The, 291 Broadway ..... Worth 918

ROPE, MANILA

ILLINOIS

CHICAGO

Curtis & Co Mnfg Co, ("Plymouth"), 215 N Desplaines ..... Monroe 3441

ROPE, NEW AND OLD

NEW YORK

NEW YORK CITY

Brennan Bros, 459 W 18th ..... Chelsea 3011

ROPE PRESERVATIVE

NEW YORK

BUFFALO

Cling Surface Co, 1032-48 Niagara ..... North 772

ROPE AND SASH CORD

MARYLAND

BALTIMORE

Hooper Wm E & Sons Co, 3502 Parkdale av ..... Madison 570

ROPE, SISAL, MANILA, COTTON, JUTE

ILLINOIS

CHICAGO

Schermerhorn Bros Co, 5 N LaSalle ..... Main 4460

NEW YORK

NEW YORK CITY

Kelley Henry C Company, 35 Worth ..... Franklin 2700

ROPE SLINGS

NEW YORK

NEW YORK CITY

Bottger Bros & Co (Steamship [illegible] Supplies, etc), [illegible] Bath Ave ..... Bath Beach 2084

ROPE AND TWINE

NEW YORK

NEW YORK CITY

New York Cordage Co The, 123 Front ..... John 2215

ROPE, WIRE

ILLINOIS

CHICAGO

Page Steel & Wire Company, 129 S Jefferson ..... Franklin 4280

NEW YORK

NEW YORK CITY

Page Steel & Wire Company, 80 Church. Cortland 3541

PENNSYLVANIA

MONESSEN

Page Steel & Wire Company, Monessen .... Grant 1694

PITTSBURGH

Page Steel & Wire Company, Union Arcade Grant 4467

ROSIN

GEORGIA

SAVANNAH

London-Savannah Naval Stores Co, Germania Bank bldg ..... Savannah 697

ILLINOIS

CHICAGO

London-Savannah Naval Stores Co 140 N Dearborn ..... Majestic 7311

ROSIN OIL (SIZE & PITCH)

ILLINOIS

CHICAGO

National Rosin Oil & Size Co, Ashland Block ..... Central 5372

NEW YORK

NEW YORK CITY

National Rosin Oil & Size Co, 90 West .... Rector 7894

ROSIN OILS (VARNISHES AND PITCH)

GEORGIA

SAVANNAH

Southern Oil & Chemical Co, Savannah Bank & Trust bldg ..... Savannah 907

NEW YORK

NEW YORK CITY

Southern Oil & Chemical Co, 15 Park Row Barclay 8180

ROSIN AND TURPENTINE

GEORGIA

SAVANNAH

Antwerp Naval Stores Company, Savannah Bank & Trust bldg ..... Savannah 4877
..... Savannah 2513

ROSIN AND TURPENTINE—CONTINUED

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market.....Main 733
General Naval Stores Co, 332 S Mich av..Harrison 6587

LOUISIANA

NEW ORLEANS

Peabody D D (Sales Agent), 321 Hibernia Bank bldg .....Main 3490

NEW YORK

NEW YORK CITY

Antwerp Naval Stores Company, 90 West..Rector 3173
General Naval Stores Co, 90 West.....Rector 7660

PENNSYLVANIA

PHILADELPHIA

Antwerp Naval Stores Company, Drexel bldg .....Bell-Main 2184 Lombard-2700

ROTARY DRILLING EQUIPMENT

TEXAS

BEAUMONT

Beaumont Iron Works Co, Crocket and Avenue A .....Both Phones 15

ROTARY DRYERS—VACUUM

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

RUBBER (HARD MFRS.)

NEW JERSEY

TRENTON

Luzerne Rubber Co The, Dewey and Muirhead .....Trenton 1740

RUBBER AIR MATTRESS, CUSHIONS, PILLOWS & SHEETING

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av, cor 18th....Styvsnt 2523
See our Catalog Space, page 960

RUBBER BALLOONS, CAPS, SPONGES, ADV. NOVELTIES

NEW YORK

NEW YORK CITY

Caldwell, William & Co, 96 Warren....Barclay 6285

OHIO

ASHLAND

Eagle Rubber Co The.....Ashland 213

RUBBER BANDS

PENNSYLVANIA

PITTSBURGH

Dykema Company The, 640 Smithfield .....Bell-Grant 1033 P & A-Main 999

RUBBER BELTING

OHIO

AKRON

Akron Belting Co The, 70-74 Canal .....Bell-Main 240 Ohio State 1240

RUBBER BOOTS, SHOES & TIRES

OHIO

CINCINNATI

Atlas Rubber & Belting Co The, 312-314 Walnut .....Main 377

RUBBER BRUSHES, FOR ALL MACHINES

ILLINOIS

CHICAGO

Sanitary Bottle Washing Co Ltd, 217 W Illinois .....Franklin 3832

RUBBER CLOTH

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

NEW YORK

NEW YORK CITY

Du Pont Fabrikoid Company, Equitable bldg 120 Bway.....Rector 5720

RUBBER, CRUDE

MASSACHUSETTS

BOSTON

Frothingham Chas R, 10 High.....Fort Hill 5214

NEW YORK

NEW YORK CITY

Obalski & Sweeney Inc, 24 Stone.....Broad 1898

RUBBER ERASERS AND BANDS

NEW JERSEY

NEWARK

Faber A W, 41 Dickerson.....Branch Brook 1997

RUBBER GOODS

ILLINOIS

CHICAGO

Advance Packing & Supply Co, 11 N Franklin.Main 3761

NEW JERSEY

NEWARK

Thompson H H Estate, 200-202 Market..Market 7371

NEW YORK

NEW YORK CITY

Gottwik, Scheffer & Co, 25 Church.....Cortland 1166
See our Catalog Space, page 1002
Metropolitan Specialty Co, (Bathing Caps, Rubber, Rubberized and Novelties) 760 Hendrix Bklyn .....Canarsie 6944
Sagona L C Co, 50 Church.....Cortland 3712
See our Catalog Space, page 1002

OHIO

CINCINNATI

Atlas Rubber & Belting Co The, 312-314 Walnut .....Main 377

RUBBER GOODS (MFRS.)

ILLINOIS

CHICAGO

Mechanical Rubber Co The, 307 W Randolph .....Franklin 424
Williams-Bowman Rubber Co The, 1941-47 S 54th av, Cicero, Ill P O.....Lawndale 7400

NEW JERSEY

TRENTON

Hamilton Rubber Mfg Co, Meade and Prince .....Trenton 1017

WISCONSIN

MILWAUKEE

Petley Rubber Mfg Co, 241 Oregon.....Hanover 860

RUBBER GOODS (ELECTRICIANS, HOUSEHOLD, SURGICAL GLOVES)

OHIO

CANTON

Wilson Rubber Co The, 1216 Garfield av S E.Main 3404

RUBBER GOODS—HARD RUBBER GOODS

ILLINOIS

CHICAGO

Vulcanized Rubber Co The, 209 S State..Harrison 1271

NEW YORK

NEW YORK CITY

Vulcanized Rubber Co The, 251, 4th av..Gramercy 3716

RUBBER GOODS—HOSE—BELTING & PACKING

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

INDIANA

INDIANAPOLIS

Taylor Belting Co, 247 S Meridian .....Bell-Main 412 Automatic 21-412

RUBBER (ALL MAKES) HEELS, GLOVES, PACKING, MATTING

NEW YORK

NEW YORK CITY

Broadway Bicycle & Auto Supply Co, 60 Vesey .....Cortland 1308

RUBBER MACHINERY

PENNSLYVANIA

PHILADELPHIA

Rich J & G Company, 120-122 N Sixth....Market 2961

RUBBER MACHY, VULCANIZERS DEVULCANIZERS, STEEL TANKS

OHIO

AKRON

Biggs Boiler Works Co The, Seneca and Bank .....Bell-Main 505 Ohio State 23

RUBBER MAKER'S SUPPLIES

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg .....Trenton 915

RUBBER (MFGRS.) MECHANICAL RUBBER GOODS

INDIANA

HUNTINGTON

Schacht Rubber Mfg Co.....Huntington 1071

RUBBER MILL MACHINERY

CONNECTICUT

ANSONIA

Farrel Foundry & Machine Co, 30 Main.....Derby 148

NEW JERSEY

TRENTON

Thropp Wm R & Sons Co, East State.....Trenton 2015

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles.....Union 963

RUBBER MOULDS

ILLINOIS

CHICAGO

Birch-Hintz Mfg Co, 1100-1110 S Kilbourn av .....Garfield 8788

WISCONSIN

MILWAUKEE

Sterling Metal Parts Co, 1454 Eighth av..Hanover 2173

RUBBER PACKING, FLAX, ASBESTOS GLOVES

NEW YORK

NEW YORK CITY

Danubil Company The, 253 Broadway....Barclay 6017
See our Catalog Space, page 915

RUBBER REFINING

PENNSYLVANIA

PITTSBURGH

Mechanical Refining Co, 811 Liberty av....Grant 4114

RUBBER SCRAP

ILLINOIS

CHICAGO

Loewenthal Co The, 947 W 20th.....Canal 999

NEW JERSEY

NEWARK

Liebstein T B, 72 Chestnut.....Market 9985

NEW YORK

NEW YORK CITY

Brennan Bros, 459 W 18th.....Chelsea 3011
Loewenthal Co The, 23 Heyward Bklyn..Wmsburg 3055
Muehlstein H & Co, 2401, 3d av.....Melrose 495

OHIO

MARYSVILLE

Wolfson L, 123 N Plum.....Marysville 375

RUBBER SCRAP, NEW AND OLD

ILLINOIS

CHICAGO

Muehlstein H & Co, 114 W Van-Buren .....Bell-Harrison 4936
.....Automatic 68-392

MASSACHUSETTS

BOSTON

Muehlstein H & Co, 176 Federal.....Main 4548

NEW YORK

NEW YORK CITY

Muehlstein H & Co, 2401, 3d av.....Melrose 495

OHIO

AKRON

Muehlstein H & Co, Second National bank bldg .....Main 2535

RUBBER SCRAP, NEW AND OLD (FOREIGN AND DOMESTIC)

NEW YORK

NEW YORK CITY

Chalfin Joseph, 47-53 West.....Bowling Green 8795

RUBBER SHEETING

NEW YORK

NEW YORK CITY

Rubberized Sheeting & Specialty Co, 221, 4th av .....Stuyvsnt 7594

RUBBER STAMP MOULDING

MICHIGAN

LUDINGTON

Carrom Co The, Ludington av.....Ludington 166

RUBBER STAMP SUPPLIES

MARYLAND

BALTIMORE

Dorman J F W Co The, 526 N Calvert.Mt Vernon 6012

RUBBER STAMPS

GEORGIA

ATLANTA

Eagle Multigraphing Stamp & Seal Co, 204-5 Austell bldg.....Main 1158

ILLINOIS

AURORA

Aurora Rubber Stamp Works, Mercantile blk .....Aurora 1261-J

CHICAGO

American Seal & Stamp Works, 118-120 S Clark .....Randolph 1731
Columbia Stamp Works, 312 S Clark.....Wabash 3627
Koch G & Co, 71 W Randolph.....Central 3655
Time & Energy Co The, 9 S Clinton.....Main 1142
Turley Stamp Works, 338 Sherman.....Wabash 7177

MASSACHUSETTS

BOSTON

Dimond Union Stamp Co, 175 Washington..Main 1738
Geary John J & Co, 325 Washington.....Main 5612-J

MICHIGAN

DETROIT

Dietterich & Dietterich, 995 Mt Elliott cor Gratiot .....Ridge 3010-W

NEW YORK

NEW YORK CITY

Barton Mfg Co (Shop Especially Equipped for Rush Work. Rubber Stamps, Steel Stamps, Time Stamps, Stencils, Numbering Machines, Seal Presses, Etc.) 87 Duane.....Worth 999
Bishop Thomas H, 126 William.....Beekman 672
Buck T S Mfg Co (Patent Pneumatic Stamp Cushions, Stamp Mfrs, Supplies of every kind. Catalogues furnished), 537-539 Bway....Spring 7238
Century Rubber Stamp Works, 551 Pearl..Worth 3164
Everson & Reed Co, 88 Chambers.....Barclay 8098
Moss Henry & Co, 37-A Beaver.....Broad 5011
Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton .....Main 764

OHIO

CLEVELAND

Acme Stamp Co, 421 Prospect av .....Bell-Main 6079
.....Ohio State-Central 3943-L

UTAH

SALT LAKE CITY

Salt Lake Stamp Co, 65 W Broadway....Wasatch 3098

WISCONSIN

MILWAUKEE

Schwaab Stamp & Seal Co The, East Water and Michigan .....Main 662

RUBBER STAMPS (OF EVERY DESCRIPTION)

MINNESOTA

ST PAUL

Northwestern Stamp Works, 110 E 8d .....Bell-Cedar 5896
.....Tri State 21546

RUBBER STAMPS (WHOLESALE AND RETAIL)

INDIANA

INDIANAPOLIS

Mayer Geo J Co, 36 S Meridian .....Bell-Main 1386
.....Automatic-23-286

RUBBER STAMPS, BADGES, BUTTONS AND SEALS

TEXAS

DALLAS

Lake Fred L & Co, 1110-12 Commerce....Main 43

RUBBER STAMPS, BRASS CHECKS

PENNSYLVANIA

PITTSBURGH

Erickson Co The, 226 Diamond .....Bell-Court 4492
.....P & A-Forbes 3782

RUBBER STAMPS, NUMBERING MACHINES ETC.

ILLINOIS

CHICAGO

Safford Stamp Works, 203 W Madison.....Main 2057

RUBBER STAMPS & SEALS

NEW JERSEY

NEWARK

Universal Stamp Works (J H Van Court, Prop) 252 Market.....Mulberry 2441

RUBBER STAMPS, SEALS & STENCILS

INDIANA

EVANSVILLE

Lawson Chas M, 102½ Main.....Evansville 5996

MICHIGAN

DETROIT

Huron Rubber Stamp Works, 83 W Fort....Main 1106

RUBBER STAMPS, STENCILS, BADGES AND SEALS

INDIANA

LA FAYETTE

Mulhaupt F Jos, 301 N Fifth.....Automatic-449

RUBBER STAMPS, STENCILS, SEALS, ETC

MINNESOTA

DULUTH

Consolidated Stamp & Printing Co, 14, 4th av W.....Bell-Melrose 702 Zenith-Grand 755

PENNSYLVANIA

PHILADELPHIA

Quaker City Stencil & Stamp Works Inc, 234 Arch.....Bell-Market 3346 Keystone-Main 3490

RUBBER SUNDRIES

ILLINOIS

CHICAGO

Davol Rubber Co, 209 S State.....Harrison 3987

NEW YORK

NEW YORK CITY

Davol Rubber Co, 302 Broadway.....Worth 2035

RHODE ISLAND

PROVIDENCE

Davol Rubber Co, 69 Point.....Union 2381

RUBBER TIRES

ILLINOIS

FULTON

Lincoln Highway Tire Co, cor 4th av and 10th.....Fulton 166

WISCONSIN

RACINE

Racine Auto Tire Co, 14th and Clark.....Racine 602

RUBBER TISSUE

NEW YORK

NEW YORK CITY

Soltau Robert & Co Inc, 148 W 23d.....Chelsea 7773

RUBBER TUBING, GARDEN HOSE, STEAM HOSE, ALL SIZES

NEW YORK

NEW YORK CITY

Broadway Bicycle & Auto Supply Co, 60 Vesey.....Cortland 1308

RUBBER TYPE MNFRS.

NEW JERSEY

ELIZABETH

Fulton Specialty Co, 128-142 Fulton....Elizabeth 1649

RUBBERIZED FABRICS

NEW YORK

NEW YORK CITY

O'Bannon Corporation, 200, 5th av.....Gramercy 5241

RUG AND CARPET CLEANERS

NEW YORK

NEW YORK CITY

Jordan's New York Carpet Cleaning Works, 437 W 45th.....Bryant 4692

RUG WEAVERS & CARPET CLEANERS

MICHIGAN

DETROIT

Detroit Rug Works, 52 Baltimore av E..Market 6090

OHIO

SPRINGFIELD

Star Rug Factory, Willenberg and Cedar.Springfield 1560

RUG WEAVERS, FLUFF

ILLINOIS

CHICAGO

American New Method Rug & Carpet Cleaners, 4835 W Chicago av.....Austin 778

RUG WEAVERS—FLUFF AND RAG RUGS, WHOLESALE & RETAIL

OHIO

LIMA

Langley & Son, 1171 W North.....Main 5408

RUGS

ILLINOIS

CHICAGO

Richardson O W & Co, Wabash av and Congress.....Harrison 6931

NEW YORK

NEW YORK CITY

Manges Simon & Son, 83 Ave A.....Orchard 6686
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RUGS—HAND TUFTED AND AXMINSTER

NEW YORK

NEW YORK CITY

Witcombe, McGeachin & Co, 20-24 W 37th.Greeley 236

RUGS & NOVELTY FABRIC MFRS

PENNSYLVANIA

SOUTH LANGHORNE

Eden Mfg Co, Bellevue av.....Hutmeville 2

RUGS, ORIENTAL

ILLINOIS

CHICAGO

Nahigan Bros, 122 S Wabash av.....Randolph 2044

RUGS, STEAMER

NEW YORK

NEW YORK CITY

Dusenbury Louis & Co Inc, 229, 4th av.Stuyvsnt 7498

RULE MFRS.—INTERLOCKING, SLIDING AND FOLDING

NEW YORK

NEW YORK CITY

Dahl Mfg Co, 841-843 East 136th.....Melrose 2065

RULERS, ADVERTISING & STATIONERS

NEW YORK

FALCONER

American Manufacturing Concern, Work and Everett.....Jamestown 479

RULES (STEEL & WOOD)

MICHIGAN

SAGINAW

Lufkin Rule Co The, Hess st.....Saginaw 295

NEW YORK

NEW YORK CITY

Lufkin Rule Co The, 106-110 Lafayette.Franklin 4368

RUST PROOFING

ILLINOIS

CHICAGO

Brownie Mfg Co, 548 W Lake.....Franklin 1282

MICHIGAN

DETROIT

Parker Rust Proof Co of America, 15-33 Conant av.....Ridge 2

OHIO

CLEVELAND

Parker Rust Proof Co of America, 2617-2625 E 76th.....Rosedale 493

RUST PROOFING (SHERARDIZING)

MICHIGAN

DETROIT

Wise Electro Sherardizing Co, 120, 8th....Cherry 684

RUSTIC FURNITURE MNFRS.

NEW JERSEY

TRENTON

Jersey Keystone Wood Co, 67-75 Perrine av.....Trenton 48

RUSTIC WORK OF ALL KINDS

CONNECTICUT

BETHEL

Bethel Rustic Works Co.....Danbury 868-14

SADDLERY

MISSOURI

ST LOUIS

Ulbricht J C Mfg Co, 307 S Second... Bell-Olive 3631
..... Kinloch-Central 5619-R

SADDLERY HARDWARE

ILLINOIS

MOLINE

Cooper H W Saddlery Hdw Mfg Co, 228 Second .....Moline 99

SADDLERY, HARDWARE MANUFACTURERS

OHIO

CANTON

Elbel Co The, 824 Mulberry Rd S E..Ohio State 1476

SAFE DEPOSIT VAULTS

NEW YORK

NEW YORK CITY

Safe Deposit Co of N Y The, 149 Broadway, Singer bldg .....Cortland 7601
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SAFE EXPERTS—OPEN OR REPAIR ANYTHING, SELL ALL SAFES

GEORGIA

ATLANTA

Atlanta Safe Co, 65a W Mitchell.....Main 4601

SAFE HOISTERS AND MOVERS

NEW YORK

NEW YORK CITY

Krasilovsky S & Bro, 218 Centre .....Canal 187

SAFE & LOCK EXPERTS—SAFES OPENED & REPAIRED

ILLINOIS

CHICAGO

Lebhardt Louis Safe & Vault Co, 2234 W Lake .....Seeley 760

NEW YORK

NEW YORK CITY

Giancolo James, 215 Grand ..... Canal 8583

SAFE MOVERS

NEW YORK

NEW YORK CITY

Lochterman Van & Express Co The (Established over 40 years—Safe movers—Machinery Moved) 457-471 E 10th.....Orchard 4630

SAFE MOVERS AND VAULT ERECTERS

ILLINOIS

CHICAGO

Mandelbaum J, 124 S Wells..... Main 4061

SAFE AND TIME LOCK EXPERTS, MNFRS. AND ENGINEERS

ILLINOIS

CHICAGO

Chicago Time Lock Co, 2765 St Mary's st .....Humboldt 6848

SAFES

CALIFORNIA

FRESNO

Baum J Safe & Lock Co The (Percy Hall Johnson) Hotel Sequoia.....Fresno 3740

LOS ANGELES

Baum J Safe & Lock Co The (Southern California Safe Co) 402 So Los Angeles. Main 6353

CONNECTICUT

NEW HAVEN

Baum J Safe & Lock Co The (C A & A H Ockert) 273-75, State.....Liberty 2789

ILLINOIS

CHICAGO

Baum J Safe & Lock Co The, 167 W Kinzie .....Franklin 3060
Trumbull Safe & Vault Co The, 77 W Lake. Central 7027

INDIANA

INDIANAPOLIS

Baum J Safe & Lock Co The (H H Albright), 3738 Ruckle .....Washington 3088

IOWA

SIOUX CITY

Baum J Safe & Lock Co The (Dougherty & Bryant Co) 409 Douglas.....Sioux City 1209

KENTUCKY

LOUISVILLE

Baum J Safe & Lock Co The (Belknap Hardware & Mfg Co) 2d and Washington.....Main 2500

LOUISIANA

NEW ORLEANS

Baum J Safe & Lock Co The (Coats Safe & Lock Co) 527 Carondelot .....Main 4843

MARYLAND

BALTIMORE

Baum J Safe & Lock Co The (Wayne Safe Co) 220 W Pratt.....St Paul 906

MASSACHUSETTS

BOSTON

Baum J Safe & Lock Co The (American Furniture Exchange) 6-8 Alden....Haymarket 1824

FALL RIVER

Baum J Safe & Lock Co The (Wm J Dunn) Academy bldg, 208 Pocasset .....Fall River 324-J

WORCESTER

Baum J Safe & Lock Co The (E W Coffin) 135 Central .....Park 6215

MINNESOTA

MINNEAPOLIS

Baum J Safe & Lock Co The (Beehler Safe Co) 314, 8d av South.....Tri State 36-803

MISSOURI

KANSAS CITY

Baum J Safe & Lock Co The (Harrison Safe Co) 917 Broadway..... Home-Main 5325

ST LOUIS

Baum J Safe & Lock Co The (Koerner Bros), 1116 Washington av..... Olive 1968

MONTANA

GREAT FALLS

Baum J Safe & Lock Co The (Strain & Yaw) 1st Nat'l Bank bldg .....Great Falls 3459

NEW YORK

BUFFALO

Baum J Safe & Lock Co The (A Deter & Co) 148 Seneca..... Seneca 3354

NEW YORK CITY

Baum J Safe & Lock Co The, 220 Canal. Canal 9360
Hall-Marvin Co, 393 Broadway .....Franklin 5094

OHIO

CINCINNATI

Baum J Safe & Lock Co The, 613-25 E Front .....Canal 3385
Hall's Safe Co The, 3253 Spring Grove av...Park 1380

CLEVELAND

Baum J Safe & Lock Co The (Ohio Dorry Columbia bldg .....

PENNSYLVANIA

PHILADELPHIA

Baum J Safe & Lock Co The, 72 N 4th ...Market 1736

PITTSBURGH

Baum J Safe & Lock Co The (F L Nerson), 911 Liberty av.....Grant 382

TENNESSEE

MEMPHIS

Baum J Safe & Lock Co The (A R Taylor Co) 66 S Main..... Main 56

WASHINGTON

SEATTLE

Baum J Safe & Lock Co The (Norris Safe & Lock Co) 309-11 Third av S.....Main 3279
Purcell Safe Co, 806, 3d av .....Main 667

WISCONSIN

MILWAUKEE

Baum J Safe & Lock Co The (Hilker Safe Co) 471 Milwaukee..... Main 789

SAFES (FILING, FIRE AND BURGLAR PROOF)

NEW YORK

NEW YORK CITY

Cary Safe Co, 50 Church (Hudson Terminal bldg) .....Cortland 7859

SAFES—FIREPROOF AND VAULT DOOR MNFRS.

INDIANA

LA FAYETTE

Schwab Safe Co The, Lafayette, Ind. Bell-Main 655
..... Lafayette 972

SAFES, LIGHT WEIGHT

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036
.....Ohio State-Princeton 222

SAFES—OFFICE UNDERWRITERS APPROVED

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

SAFES AND VAULTS MNFRS.

ILLINOIS

CHICAGO

Mosler Safe Co The, First Natl Bank bldg ..... Randolph 1900

SAFETY APPLIANCES

ILLINOIS

GRANITE CITY

Howe Safety Appliance Co (Howe Improved Saw and Jointer Guards), 19th & D sts...Illinois 249

SAFETY DEVICES

NEW HAMPSHIRE

MANCHESTER

Lyons F P Iron Works, 319 Elm.....Manchester 2593

SAFETY DEVICES FOR POWER PRESSES

ILLINOIS

CHICAGO

Walsh Press & Die Co, 4709 W Kinzie.....Austin 589

SAFETY DEVICES FOR WINDOW CLEANERS

ILLINOIS

CHICAGO

Whitner 2-Rope Safety Co, 455 S Clark..Harrison 6337

SAFETY-EFFICIENCY DEVICES

CALIFORNIA

SAN FRANCISCO

Johnson A W V, Merchants Exchange bldg.Sutter 2988

SAFETY FIRST DEVICES

ILLINOIS

CHICAGO

Wood, Guilford S, 20 W Jackson bl.....Harrison 2942

SAFETY FIRST SUPPLIES (ALL INDUSTRIES)

ILLINOIS

CHICAGO

Safety Service and Supplies Co, 9003 Commercial av .....South Chicago 3286
See our Catalog Space, page 1003

PENNSYLVANIA

PITTSBURGH

Mine Safety Appliances Co, Chamber of Commerce bldg ..... Grant 5872

SAFETY GASOLINE CANS

MASSACHUSETTS

BOSTON

Sexton Can Company, 228 Franklin .....Main 4

SAFETY, GASOLINE AND OILY WASTE CANS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co 400-416 N MonticelloKedzie 2266

SAFETY LADDERS, TRESTLES, ETC

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167 First av....Plaza 35

SAFETY MATCH VENDING MACHINES—MNFRS.

INDIANA

ANDERSON

Ideal Manufacturing Co, 1525 Main.....Anderson 119

SAFETY PAPER

CALIFORNIA

SAN FRANCISCO

La Monte George & Son, 1st Natl Bank bldgGarfield 946

CANADA

TORONTO, ONTARIO

La Monte George & Son, 319 Carlaw av....Gerard 1948

ILLINOIS

CHICAGO

La Monte George & Son, First Natl Bk bldg, 38 S Dearborn.....Randolph 1113

MISSOURI

ST LOUIS

La Monte George & Son, 3d National Bank bldg .....Olive 189

NEW YORK

NEW YORK CITY

La Monte George & Son, 61 Bway.....Rector 7780

SAFETY PINS

CONNECTICUT

DERBY

Kelly F Co The, Housatonic av nr Park....Derby 179

SAFETY RAZOR MNFRS. FOR LARGE USERS

NEW YORK

NEW YORK CITY

Burham Safety Razor Co The 64 Murray..Barclay 5638

SAFETY RAZORS AND ACCESSORIES

CONNECTICUT

NEW BRITAIN

Traut & Hine Mfg Co The, 910 Stanley.New Britain 9

SAFETY TREADS

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50 Church.Cortland 7444

SAIL MAKERS

NEW YORK

NEW YORK CITY

Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope, Canvas Slings), Marine Basin ft Hubbard, Bklyn .....Bath Beach 2084
Curtin John Inc, 2 South.....Bowling Green 8866
Endicott Hammond Co, 50 West...Bowling Green 9567

SALAD DRESSING

ILLINOIS

EVANSTON

North Shore Creamery Co 1306 Sherman Evanston 2630

SALES BOARDS

ILLINOIS

CHICAGO

Herbert Specialty Mnfg Co, Transportation bldg .....Wabash 4712

SALES BOOKS, MANIFOLDS, ORDER BOOKS

PENNSYLVANIA

PITTSBURGH

Penn Sales Book Co, Jenkins Arcade.....Grant 6856

SALES PLANS

ILLINOIS

CHICAGO

Rankin Wm H Company, 104 S Michigan av .....Randolph 6600
Voorhees Flora Alfaretta, 16 N Wabash av.Central 5589
See our Adv. opposite Title Page, Catalog Section
Woodwards Incorporated, 910 S Michigan av .....Harrison 6763

NEW YORK

NEW YORK CITY

Rankin Wm H Company, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501 Fifth av.Murray Hill 8417

SALT

LOUISIANA

NEW ORLEANS

Myles Salt Co Ltd, Whitney Central bldg...Main 4248

PENNSLYVANIA

PHILADELPHIA

Kerr Alex Bro & Co, Delaware av and Green .....Market 4694

SALT (MANUFACTURERS)

UTAH

SALT LAKE CITY

Inland Crystal Salt Co, 60 East First South .....Wasatch 4547

SALT CAKE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage W Bayaud av.....South 2666

SALTPETRE

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn av ..... Diversey 4410
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NEW YORK

NEW YORK CITY

Knowles-Bradley Co, 88 Wall ..... Hanover 6358

SALVAGE

NEW YORK

NEW YORK CITY

Interocean Submarine Engineering Co Inc, 120 Broadway ..... Rector 3467
U S Brokerage & Export Co, Inc (Railroad and steamship consignments a specialty), 139 Maiden Lane ..... John 696

SALVAGING TOOLS

MICHIGAN

DETROIT

Peninsular Tool Salvage Co, 45 East Fort. Cherry 4243

SAMPLE BINDING AND SAMPLE CARDS

NEW YORK

NEW YORK CITY

Steinthal M & Co, 219 Green ..... Spring 4420

SAMPLE BOOKS AND CARDS

NEW YORK

NEW YORK CITY

Benze Bros Co Est 1890, 110-112 Fifth av ..... Chelsea 8310
Bloom M, 116 Wooster ..... Spring 8318
Pefection Sample Card Co (Sample Books, Cards for Merchandise Display) 408-410 West Bway ..... Spring 4046

SAMPLE BOOKS, COLOR CARDS & SAMPLE BOXES

NEW YORK

NEW YORK CITY

New York Sample Card Co, Inc (Sample Cards, Covers, Boxes, Etc. Also Mounting Samples of Silks, Ribbons, Velvets and all Dry Goods Specialties), 204 E 27th ..... Madison Sq 4564
Steinberg S & Son, 149-163 Wooster ..... Spring 5172

SAMPLE CARDS

NEW YORK

NEW YORK CITY

Elder & Turner, 43 Walker ..... Franklin 1215

SAMPLE CASE DESIGNERS & MNFRS.

ILLINOIS

CHICAGO

Wenderoth Frank & Co 609-613 N LaSalle. Superior 2650

NEW YORK

NEW YORK CITY

Fibre Case & Novelty Co, 274 Church ... Franklin 335

SAMPLE CASE MNFRS.

ILLINOIS

CHICAGO

Acorn Leather Case & Trunk Co 218 W Kinzie ..... Franklin 2989
Chicago Case Mfg Co 213 N Morgan ..... Monroe 4227
Knickerbocker Case Co Fulton and Clinton .. Main 4621
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SAMPLE CASES

NEW YORK

NEW YORK CITY

Vierling A P, 21 W 3d ..... Spring 8508
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SAMPLE CASES & BAGS

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th .. Stuyvesant 2523
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SAMPLE CASES—LEATHER, FIBRE AND CANVAS

ILLINOIS

CHICAGO

A & A Trunk & Case Co, 29 S Wells ..... Main 2936

NEW YORK

NEW YORK CITY

Fibre Case & Novelty Co, 274 Church ... Franklin 335

SAMPLE CASES AND TRUNKS MADE TO ORDER

ILLINOIS

CHICAGO

Haskell Brothers, 165-167 N Green ..... Monroe 870

SAMPLE CUTTING MACHINES

NEW YORK

NEW YORK CITY

Durbrow & Hearne Mfg Co, 12 Wooster .... Canal 8669
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SAMPLE TRUNKS

ILLINOIS

CHICAGO

A & A Trunk & Case Co, 29 S Wells ..... Main 2936

SANATORIUMS—SEE SANITARIUMS

SAND (MISSOURI RIVER)

MISSOURI

KANSAS CITY

Stewart-Peck Sand Co, American Bank bldg ..... Bell-Main 1601 Home-Main 1601

SAND (SILICA—STEEL MOLDING AND SAND BLAST)

OHIO

YOUNGSTOWN

Portage Silica Co The, Stambaugh bldg ..... Bell-Main 684 Ohio State 5226

SAND—(WASHED CONCRETE)

GEORGIA

MACON

Macon Fuel & Supply Co, 6th and Ocmulgee ..... Macon 998

SAND (WHITE SILICA) (CARLOADS ONLY)

PENNSYLVANIA

PITTSBURGH

Winfield Sand Co The, 2d Natl Bank bldg .. Grant 3525

SAND BLAST EQUIPMENTS

MARYLAND

HAGERSTOWN

Pangborn Corporation, P O Box 858 .. Hagerstown 100

SAND BLAST MACHINERY

MARYLAND

BALTIMORE

Paxson J W Co, (W T Beatty), 217 N Luzerne av ..... Wolfe 3367

PENNSLYVANIA

PHILADELPHIA

Paxson J W Co, 1021 N Delaware av Pier 45 North ..... Bell-Market 4111 Keystone-East 200

RHODE ISLAND

PROVIDENCE

Paxson J W Co (W Scott Thomas), Grosvenor bldg ..... Union 6641

SAND BLAST SHOT

OHIO

MANSFIELD

Globe Steel Co The ..... Independent-Mansfield 2376

SAND BLASTING

MISSOURI

ST LOUIS

National Sand Blast & Truckpointing Co, 1118 Locust ..... Bell-Olive 3416 Kinloch-Central 2998

SAND & GRAVEL

KENTUCKY

LOUISVILLE

Nugent Sand Co, Clay & Fulton ..... Bell-Cumberland 1475 Home-City 1475
Ohio River Sand Co, Brook & Fulton ..... Bell-Main 1871 Home-City 1871

SAND AND GRAVEL CONCRETE—ROAD AND GENERAL BUILDING

INDIANA

WILLIAMSPORT

Carmichael Gravel Co The ..... Williamsport 168

SAND AND GRAVEL (WHITE QUARTZ) FOR FILTERING AND BLASTING

NEW YORK

NEW YORK CITY

Luedeke D & Co Inc, 108th and East River Harlem 438

SAND—LIME BRICK MACHINERY

OHIO

WILLOUGHBY

American Clay Machinery Co, The....Willoughby 4

SAND PAPER, EMERY CLOTH AND GARNET PAPER

CALIFORNIA

SAN FRANCISCO

United States Sand Paper Co, (Wright & Lacy, Representatives), 244 California.Douglas 4497

LOUISIANA

NEW ORLEANS

United States Sand Paper Co (Mrs Leo Samson, Representative), Hennen bldg.....Main 2381

MASSACHUSETTS

BOSTON

United States Sand Paper Co (E F Russ, Representative), 201 Devonshire.....Fort Hill 6051

MICHIGAN

DETROIT

United States Sand Paper Co (A J Greene, Representative), 30-32 Woodbridge av..Cherry 2571-R

MISSOURI

KANSAS CITY

United States Sand Paper Co (Thompson, Munro & Robins, Representatives), 1202 Unionav.Main 253

ST LOUIS

United States Sand Paper Co (Thompson, Munro & Robins, Representatives), Wright bldg.Olive 819

NEW YORK

NEW YORK CITY

United States Sand Paper Co (Crowell & Lehnhardt Representatives), 86 Warren...Barclay 5680

PENNSYLVANIA

PHILADELPHIA

United States Sand Paper Co (Leonard R Winters, Representative), Widener bldg.....Walnut 3741

WILLIAMSPORT

United States Sand Paper Co, 1560 Erie av .....Williamsport 502

SANDALS, LEGGINGS, SHOES, SLIPPERS AND OVERGAITERS

NEW YORK

NEW YORK CITY

Kaufmann Emil Co, Park av and 129th...Harlem 532

SANITARIUM & MERCHANDISING COMPANIES

OHIO

TOLEDO

Silver Spring Sanitarium & Mdse Co, Bell-Forest 542
1259-61 Dorr ..... Ohio State-Prospect 448-K

SANITARIUMS—LIQUOR AND DRUG HABITS

CALIFORNIA

SAN FRANCISCO

Keeley Institute, 2420 Webster.....Fillmore 3963
Park Sanatorium R E Bering, MD, 1509 Page .....Market 8048

NEW YORK

BUFFALO

McMichaels Dr Sanitorium 356 Maryland..Tupper 47

TENNESSEE

NASHVILLE

Gribble Dr Power, 1519 McGavock.....Hemlock 3144
See our Catalog Space, page 1003

SANITARIUMS, MENTAL & NERVOUS DISEASES & ADDICTIONS

TENNESSEE

KNOXVILLE

Goetz Sanitarium (Office), Empire bldg.Knoxville 8545

SANITARIUMS—MENTAL & NERVOUS DISEASES DRUG HABITS

CALIFORNIA

SAN FRANCISCO

Minerva Sanatorium, (C A Stritzinger Supt) 1123 Devisadero.....West 2004

SANITARIUMS, RADIUM TREATMENT ONLY

ILLINOIS

CHICAGO

Radium Institute, Mallers bldg.....Randolph 5794

SANITARY ACCESSORIES, NAPKINS, BELTS, DIAPERS, ETC.

ILLINOIS

CHICAGO

Solvos Co The, 4216 Calumet av.....Drexel 617
See our Catalog Space, page 1004

SANITARY GOODS

OHIO

CINCINNATI

Sanitary Brush & Mop Co, 6th and Burns.West 3359-Y

SANITARY NAPKINS AND NAPKIN SLOT MACHINES

NEW YORK

NEW YORK CITY

Crescent Specialty Co (Patented, absolutely perfect napkin and machine) 265 Wyckoff Bklyn.Main 3610

SANITARY NAPKINS AND SANITARY SPECIALTIES

NEW YORK

NEW YORK CITY

Perfect Notion Co Inc, 35-39 W 35th...Greeley 5220

SANITARY SUPPLIES FOR SCHOOLS, BANKS, HOSPITALS

MINNESOTA

ST PAUL

Ideal Sanitary Supply Co, 504 N Snelling av ..... Bell-Midway 5594 Tri State 81288

SANITARY WIPING CLOTHS

ILLINOIS

CHICAGO

Baylis Sanitary Supply Co, 341 W Superior ..... Superior 907

OHIO

TOLEDO

Ohio Sanitary Wipers Co, 2251-71 Smead av ..... Bell-Forest 445 Ohio State-Park 976

SASH—CORD AND TWINES (BRAIDED, TWISTED)

NEW YORK

NEW YORK CITY

Disbrow Cordage Co, 149 Church.....Barclay 5868

SASH AND DOOR (MANUFACTURERS)

ARKANSAS

LITTLE ROCK

Abeles Chas & Co, Third and Scott.....Main 83

ILLINOIS

CHICAGO

Standard Sash & Door Co, 5815-5823 S Racine av .....Wentworth 41

LOUISIANA

NEW ORLEANS

National Sash & Door Co, Toulouse and Dupre sts .....Hemlock 264

MINNESOTA

DULUTH

Scott-Graff Lbr Co, 2402 W Michigan ..... Bell-Melrose 9359 Zenith-Lincoln 430-1

MISSOURI

KANSAS CITY

American Sash & Door Co, 16th and Bellfountain ..... Bell-East 733 Home-East 1503

ST LOUIS

Gravois Planing Mill Co, Gravois and Juniata ..... Bell-Sidney 107 Kinloch-Victor 1147
Thomsen Planing Mill Co, (Also Greenhouse Material), 4500 DeTonty ..... Bell-Grand 193 Kinloch-Victor 127

SASH, DOORS AND BLINDS

ILLINOIS

CHICAGO

McKay Angus Co, 726 S Desplaines.....Monroe 2937

NEW YORK

NEW YORK CITY

Chelsea Lumber Co, 87 Manhattan...Morningside 2544

RHODE ISLAND

PROVIDENCE

Perkins Bros Co, 970 Westminster.....Union 193

SASH, DOORS, FRAMES & MOULDINGS

ILLINOIS

CHICAGO

Weise Alexander G, 24th pl and Normal av ..... Calumet 3759

SASH, DOORS AND SPECIAL MILL WORK

TEXAS

BEAUMONT

Gulf Mfg & Lumber Co, North st and Santa Fe RR ..... Beaumont 203

PORT ARTHUR

Port Arthur Planing Mill, Lake Shore Drive ..... Port Arthur 399

WACO

Waco Sash & Door Co, 24th and Mary.....Waco 885

SASH LOCKS

ILLINOIS

CHICAGO

Payson Mfg Co The, 2920 W Jackson bl....Kedzie 988

SASH OPERATING DEVICES

ILLINOIS

CHICAGO

Payson Mfg Co The, 2920 W Jackson bl....Kedzie 988

SASH OPERATORS

CONNECTICUT

BRIDGEPORT

Drouve G Company The, 44 Drouve.....Barnum 540

ILLINOIS

CHICAGO

Dean Olney J & Co, 19 S LaSalle,.....Central 3462

INDIANA

RICHMOND

Advance Co, 542 N 14th ....Independent 2430

SASH OPERATORS, LOCKS AND CASEMENT STAYS

MISSOURI

ST LOUIS

Monarch Metal Weather Strip Co The Bell-Lindell 5420
4121 Forest Park bl.....Kinloch-Delmar 485
See our Catalog Space, page 1023

SASH WEIGHTS

MISSOURI

ST LOUIS

Ister Sash Weight Co, Dock St and Burlington Tracks .....Tyler 1044

SAUCE—CHINESE

JAPAN

TOKIO

mperial Soy Co (Imperial Soy).....Tokio, Japan

MICHIGAN

DETROIT

mperial Soy Co (Imperial Soy), 965 Michigan av ..... West 1356

SAUSAGE CASINGS

ILLINOIS

CHICAGO

Berth Levi & Co, 1701 S Clark.....Calumet 2745
Chicago Casing Co, 3735 S Halsted.....Drover 9307
Hanak B B Co, 1338 W Randolph.....Monroe 14
See our Catalog Space, page 1008
Oppenheimer Casing Co, 1020-1028 W 36th .....Drover 8000
Oppenheimer S & Co, 2700 S Wabash av.Calumet 5444
Patent Casing Co, 617 W 24th pl.....Drover 581

NEW YORK

NEW YORK CITY

Berth Levi & Co, 82 Pearl.....Broad 6451
Ettlinger M & Co, 12 Coenties Slip.....Broad 575
Oppenheimer Casing Co Inc, 47 Water....Broad 4948
Oppenheimer S & Co, 96-100 Pearl.....Broad 4410

SAUSAGE MNFRS.

ILLINOIS

CHICAGO

Berg David & Co, 449 W 37th.....Yards 824
Hetzel & Co 1743-1817 Larrabee.....Lincoln 1185
Mayer Oscar F & Bro, Sedgwick and Beethoven pl .....Superior 8500
Mutual Sausage Co, 2713-2719 Quinn.....Yards 4055

MASSACHUSETTS

SPRINGFIELD

Handy H L Co, 31-45 Hampden.....River 448

SAVINGS BANKS

MASSACHUSETTS

BOSTON

Boston Penny Savings Bank, 1375 Washington .....Beach 5900

SAVINGS BANKS (MNFRS.) POCKET AND HOME

ILLINOIS

CHICAGO

Stronghart Co, 1510-1516 S Wabash av.Calumet 6264

SAW FILING MACHINERY

MARYLAND

BALTIMORE

Detrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

SAW FITTING TOOLS

NEW YORK

BUFFALO

Crowell's 61 Terrace.....Seneca 1764-J

SAW MILL MACHINERY

TENNESSEE

JACKSON

Southern Engine & Boiler Works, N Royal ..... Jackson 1083

SAW MILL MACHINERY & CABLE CONVEYORS

MICHIGAN

OWOSSO

Standard Machinery Co, 533 Washington..Owosso 364

SAW MILL MACHINERY AND ENGINES

MINNESOTA

MINNEAPOLIS

Enterprise Co The, 120-124, 3d av S Bell-Main 3771
..... Tri State 33260

SAW MILL MACHINERY AND SUPPLIES

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo, Spring to Commerce Bell-Shreveport 851
..... Home-Shreveport 679

SAW MILLS AND ACCESSORY MACHINERY

OHIO

COLUMBIANA

Enterprise Company The, South Main ..... Bell-Columbiana 5
Ohio State 4

SAW MILLS MNFRS.

ILLINOIS

CHICAGO

Curtis & Co Mnfg Co 215 N Desplaines..Monroe 3441

INDIANA

INDIANAPOLIS

Sinker-Davis Co The, 230-50 S Missouri ..... Bell-Main 415
Automatic 23-415

SAW RIGS, GASOLINE ENGINE DRIVEN

MICHIGAN

LANSING

Novo Engine Co .....Lansing 2300

SAW RIGS (PORTABLE) GASOLINE ENGINE DRIVEN

WISCONSIN

MILWAUKEE

C H & E Manufacturing Co Inc, 884 Clinton ..... Hanover 903

SAW SHARPENERS (CIRCULAR SAWS) MNFRS.

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation..Greenfield 900

SAWDUST

MASSACHUSETTS

SOMERVILLE

White & Leahy (Sawdust, Sawdust, Mahogany Sawdust for Smoking Purposes, Marble Sawdust for Platers, Furriers, Tumbling Barrel Purposes and Composition Floor Layers), 51 Allen ..... Somerville 4520

NEW YORK

NEW YORK CITY

National Sawdust Co (We are always in need of Kiln Dry Hardwood Sawdust in large quantities. Quote prices and send samples) 130 Metropolitan av, Bklyn ..... Greenpoint 2560

SAWING MACHINERY

INDIANA

INDIANAPOLIS

Sinker-Davis Co The, 230-50 S Missouri ..... Bell-Main 415 Automatic 23-415

SAWS, ALL DESCRIPTIONS

PENNSYLVANIA

PITTSBURGH

Lippert E T Saw Co, 600 Lincoln av, Millvale ..... Bell-Millvale 2 P & O-Lawrence 210

SAWS—CIRCULAR FOR METAL SAWING—ALL KINDS

PENNSYLVANIA

PITTSBURGH

Hunter Saw & Machine Co, 57th and Butler..Fisk 240

SAWS—CIRCULAR, HOT AND COLD CUTTING

PENNSYLVANIA

PITTSBURGH

Pittsburgh Saw & Manufacturing Co, 32d and Smallman .....Grant 2212

SAWS, CIRCULAR & LONG CROSSCUT

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

SAWS (BAND) FOR WOOD AND METAL WORKING MACHINERY

NEW JERSEY

NEWARK

Clarke's Saw & Machine Works, 66 Alpine.Waverly 4467

SAWS, HACK AND METAL BAND SAW MACHINES

MICHIGAN

DETROIT

Barnes Saw & Equipment Co, 40 Fort E...Cherry 3834

SAWS, INSERTED TOOTH

PENNSYLVANIA

PITTSBURGH

Pittsburgh Saw & Manufacturing Co, (Simplex) 32d and Smallman.....Grant 2212

SAWS, MANUFACTURERS

ILLINOIS

CHICAGO

Curtis & Co Mnfg Co 215 N Desplaines...Monroe 3441
Woodworkers Tool Works 230 S Clinton....Main 3804

MASSACHUSETTS

BOSTON

Griffiths Albert Saw Co The, 30 Whittier.Roxbury 121

SPRINGFIELD

Napier Saw Works Inc, 40 Napier .....

NEW YORK

ALBANY

Decker E F Saw Works, Franklin and Westerlo .....Main 15-J

NEW YORK CITY

Empire City Band Saw Blade Works, 223 E 106th .....Harlem 3794
Hoe R & Co (Chisel-tooth and solid saws) 504 Grand .....Orchard 1800

OHIO

CINCINNATI

Ralya Saw Co 610 Baymiller.....West 2489

PENNSYLVANIA

YORK

York Saw Works, S Newberry and College av ..... Bell-York 220-J Independent-York 556-J

TENNESSEE

NASHVILLE

Estes F L Manufacturing Co, 221, 4th av S..Main 4516

SAWS, METAL BAND AND HACK SAW MACHINE

ILLINOIS

CHICAGO

Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004

SAWS, MILL SUPPLIES & WOOD-WORKING MACHINERY

OHIO

TOLEDO

Toledo Saw & Supply Co The, 1-3-5-7-9 South St Clair ..... Bell-Main 1620 Ohio State-Main 1620

SAWS AND SAW TOOLS OF ALL KINDS

MISSOURI

ST LOUIS

Heimbuecher John H Metals Co, (Atkins Saws), 514 N 3d ..... Bell-Main 1037 Kinloch-Central 2382

SAWSETS, BENCH STOPS, NAIL PULLERS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

SCAFFOLD BUILDERS

NEW YORK

NEW YORK CITY

Chesebro Whitman Co Inc, 1167 First av..Plaza 35

SCAFFOLDING

ILLINOIS

CHICAGO

United States Ladder Co, Otis bldg .....Franklin 1448

SCALE EXAMINING, TESTING AND REPAIRING

ILLINOIS

CHICAGO

Acme Scale Co Inc, 534-536 N Wells...Superior 504

SCALE PLATES

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, "Vitro-Marble" 16th and Sherman dr.....Woodruff 272

SCALES

CALIFORNIA

SAN FRANCISCO

Merrick Scale Mfg Co, Rialto bldg.....Kearney 5374

ILLINOIS

CHICAGO

Columbia Scale Co, 2439 N Crawford av.Albany 4

NEW YORK

NEW YORK CITY

Forschner R H Co, 230-3d av.....Gramercy 1875

ROCHESTER

Rochester Scale Works, 187 North Water...Main 5074

PENNSYLVANIA

PITTSBURGH

Standard Scale & Supply Co The, 1681 Liberty av .....Grant 4125
See our Catalog Space, page 1004

SCALES (AUTOMATIC)

ILLINOIS

CHICAGO

Watling Mfg Co 1029-1035 W Adams....Monroe 46

PENNSYLVANIA

PHILADELPHIA

American Machinery Co Inc, cor 12th and Callowhill ..... Locust 385

SCALES (AUTOMATIC COMPUTING)

INDIANA

ELKHART

Strubler Computing Scale Co, E Sycamore stElkhart 13

SCALES (COIN OPERATED)

ILLINOIS

CHICAGO

Industry Novelty Co, 2901-3-5-7 Indiana av .....Calumet
Mills Novelty Co, Jackson and Green.....Monroe 20
Watling Mfg Co 1029-1035 W Adams....Monroe 4

SCALES AND BALANCES

NEW YORK

NEW YORK CITY

Horne Mfg Co 50 Court Bklyn.....Main 97
Jacobs Bros Co Inc The, 78 Warren.....Barclay 5
Kohlbusch Herman Sr, 170 Bway.....Cortland
Standard Scale & Supply Co The, 145 Chambers .....Worth 1
See our Catalog Space, page 1004

SCALES—BEAM

NEW YORK

NEW YORK CITY

Robidoux Joseph & Co, 194 Front.....John 3414

SCALES—COUNTER AND PLATFORM

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

SCALES, COUNTING

ILLINOIS

CHICAGO

National Scale Co, Kimball Hall.....Harrison 3779

MASSACHUSETTS

CHICOPEE FALLS

National Scale Co.....Chicopee Falls 744

NEW YORK

NEW YORK CITY

National Scale Co, 30 Church.....Cortland 1501

OHIO

CLEVELAND

National Scale Co, Erie bldg .....Prospect 3434

PENNSYLVANIA

PHILADELPHIA

National Scale Co, Pennsylvania bldg....Spruce 973

SCALES, EVEN BALANCED

OHIO

COLUMBUS

Smith Scale Co The, 611 N 4th Bell-Main 63
.....Ohio State 7459

SCALES, EVEN BALANCED COUNTER SCALES

ILLINOIS

CHICAGO

Flesch J A & Son, 700-704 W Division...Diversey 2685

SCALES, FARM

ILLINOIS

PONTIAC

Meadows Mfg Co .....Pontiac 43

SCALES FOR FAMILIES AND PARCEL POST

ILLINOIS

CHICAGO

Hanson Brothers 525 N Ada.....Monroe 4837

SCENERY

NEW YORK

NEW YORK CITY

Vail Scenic Construction Co, 320 W 24th.Chelsea 744

SCENERY & STAGE EQUIPMENT

MINNESOTA

MINNEAPOLIS

Twin City Scenic Co, 2819-2821 Bell-South 709
Nicollet av .....Tri State 52329

SCHOOL, CHURCH AND OPERA-HOUSE SEAT MFGRS.

MISSOURI

SPRINGFIELD

Moore Mfg Co, 605 E Phelps.....Springfield 2129

SCHOOL DESK AND FURNITURE

ILLINOIS

CHICAGO

Stafford E H Mfg Co, 218 S Wabash av..Harrison 8196

SCHOOL, FRATERNITY & CLASS PINS, RINGS, MEDALS

ILLINOIS

CHICAGO

Winship Chas A & Co, Masonic Temple...Cenrtal 1380

SCHOOL FURNITURE

NEW YORK

NEW YORK CITY

Atlas Seating Co (Desks, Blackboards, Auditorium & Folding Chairs) 10 E 43d.....Murray Hill 1384
Educational Equipment Company, Inc (New York Study Chair, Drawing Desk) 70, 5th av.Chelsea 1568
Superior Seating Co, (Assembly room seats, School Desks, etc) 141 W 42d..Bryant 4010

PENNSYLVANIA

CARLISLE

Federal Equipment Co The, 324-44 N West st ..... Carlisle 181

SCHOOL FURNITURE AND SUPPLIES

ILLINOIS

CHICAGO

Beckley, Cardy Co, 312 W Randolph....Franklin 4036

SCHOOL INFORMATION

ILLINOIS

CHICAGO

American Schools' Association (Free catalogues, all Schools in U S), 159 N State....Central 6648

SCHOOL PROGRAM CLOCK MNFRS.

ILLINOIS

CHICAGO

Sohm Electric Co, 141 W Austin av.....Franklin 4357

SCHOOL SUPPLIES

MINNESOTA

ST PAUL

Ideal Sanitary Supply Co, 504 N Bell-Midway 5594
Snelling av .....Tri State 81288

NEW YORK

NEW YORK CITY

Bach[illegible] Co B, 26 E 22nd.....Gramercy 3271

SCHOOL SUPPLIES FOR UNGRADED CLASSES

NEW YORK

NEW YORK CITY

Steiger E & Co, 49 Murray.....Barclay 6134

SCHOOL SUPPLIES, PUNCHES, SOAP DISPENSERS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

SCHOOL SUPPLIES, SCHOOL DESKS AND FURNITURE

NEBRASKA

OMAHA

Omaha School Supply Co, 1108-10-12
Nicholas .....Douglas 1912

SCHOOL SUPPLIES & SCHOOL FURNITURE

MINNESOTA

MINNEAPOLIS

North-Western School Supply Co, 1401 Bell-East 340
University av S E.....Tri State 42441

SCHOOLS

ILLINOIS

CHICAGO

Chautauqua & Lyceum Coaching School The, 57 E Jackson bl.....Wabash 7569
Illinois Post Graduate & Training School for Nurses, 546 Garfield av.....Lincoln 2155
See our Catalog Space, page 983
National Conservatory of Music (Inc, Chicago), 218 S Wabash av.....Wabash 4279

MASSACHUSETTS

LYNN

Henderson Business School, (Civil Service Training Courses by Mail), 333 Union.....Lynn 2047

NEW YORK

NEW YORK CITY

Bodee's Dental Trade School, 15-17 W 44th ..... Vanderbilt 282
Cooperative Schools' Agency (Consultations and Catalogues of all Classes of Schools free. Why go further) 41M Park Row.....Cortland 3963
New York School of Secretaries, 33 W 42d .....Vanderbilt 4039
See our Catalog Space, page 1005
Prunera Studios of the Spanish Language (Conversation, Commercial Spanish taught by correspondence) 80 Wall .....Hanover 6273
Rhodes School, 8 W 125th.....Harlem 3090
See our Catalog Space, page 1005

TENNESSEE

NASHVILLE

Nashville College for Young Women, 20th to 21st Church st.....Hemlock 3631

SCHOOLS, ARMY & NAVY PREPARATORY

CALIFORNIA

SAN FRANCISCO

Drew's Army & Navy & College Preparatory School, 2901 California.....West 7069

SCHOOLS—DENTAL

ILLINOIS

CHICAGO

Carr School of Preventive Dentistry & Medicine The, 30 N Dearborn.....Central 1187

SCHOOLS—NORMAL COURSE FOR PHYSICAL DIRECTORS

ILLINOIS

CHICAGO

Chicago Normal School of Physical Education, 430 S Wabash av .....Wabash 8568

SCHOOLS—PHYSICAL CULTURE SWEDISH MASSAGE & THERAP

ILLINOIS

CHICAGO

Kellberg Institute Est 1881; 109 N Dearborn .....Central 2632

SCHOOLS, TEACHERS' COMMERCIAL INSTITUTE

ILLINOIS

CHICAGO

Tyro System The, 3856 Grand bl.....Douglas 3770

SCIENTIFIC INSTRUMENTS

MASSACHUSETTS

BOSTON

Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

SCOOPS—HAND AND SCALE

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

SCRAP, ALUMINUM AND METALS BUYERS OF)

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals) 183-189 Commerce st..Liberty 4320
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals) 74-76-78 Fort st E...Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals) Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv., page 32, first page opp. Section 1

SCRAP IRON

ILLINOIS

CHICAGO

Briggs & Turivas, 110 S Dearborn.....Randolph 1656
Calumet Iron & Metal Co, 4022 S Wells...Drover 6395
Lieberman Joseph L Iron Co, 110 S Dearb.Randolph 5968
Milwaukee Iron & Metal Co, 2201 S Throop.Canal 7125
Ohio Iron & Metal Co, First Nat Bk bldg...Central 5404
Seffren Scrap Iron & Machinery Co 218 N Halsted .....Haymarket 3759

KANSAS

ATCHISON

Great Western Rag, Iron & Metal Co, 1140 Main .....Atchison 1166

MICHIGAN

DETROIT

Frank Bros Iron & Metal Co, E Grand bl and Orleans .....North 4529
Kramer H & Co, 627-687, 24th.....West 1892
Peerless Iron & Metal Co, Penobscot bldg .....Cadillac 7565

MINNESOTA

MINNEAPOLIS

American Iron & Supply Co, 1810 N 2d Bell-Hyland 409 .....Tri State 46551

MISSOURI

ST LOUIS

Greenspon's Jos Sons Iron & Steel Co, Second and Branch .....Tyler 236

NEW YORK

NEW YORK CITY

Keystone Metal Co Inc, 589 Kent av Bklyn .....Wmsburg 5261
See our Catalog Space, page 978
Leaf E B Co, 50 Church.....Cortland 2656
Salzberg H E & Co, 30 Church.....Cortland 684
Sterling Iron & Steel Co, 943 Courtlandt av.Melrose 2403

ROCHESTER

Wilson Wm H Iron Works, 81-67 Industrial.Main 5131
See our Catalog Space, page 976

YONKERS

McMahon John F, Ft Wells av.....Yonkers 3651

OHIO

CINCINNATI

Cohen Mose & Son, 524-28 Freeman av.....West 4397
Hilb & Bauer, Union Trust bldg.....Main 872
Hils C L Co The, 832 Reedy.....Canal 2441
Joseph Isaac Iron Co The, 525 Hunt.....Canal 2338
Klein & Cohn, 518 Hannibal .....West 3716

CLEVELAND

Bialosky Bros & Co, 8434 Kinsman rd ..... Bell-Broadway 1665 Ohio State-Princeton 682
Friedman Max & Co, 2706 E 75th.....Rosedale 620

COLUMBUS

Topper Bros, 260 Kimball Bell-Main 7728 .....Ohio State 6376

PENNSYLVANIA

COATESVILLE

Coatesville Scrap Iron Co,.....Coatesville 681-J

DANVILLE

Danville Iron & Steel Co, 500 E Market...Danville 21

ERIE

Erie Iron & Steel Co, 15th and Raspberry ..... Bell-Erie 2600 Mutual 2827

PHILADELPHIA

Wood A M & Company Inc, Commercial Trust bldg..... Bell-Spruce 3974 Keystone-Race 647

PITTSBURGH

Ross Charles C, Farmers Bank bldg.....Grant 3046

SCRAP IRON & BURLAP BAGS

MINNESOTA

DULUTH

Northwestern Iron & Metal Co, 376 South 1st av E..... Bell-Melrose 774 Zenith-Grand 541

SCRAP IRON, METAL & PAPER

IOWA

DES MOINES

Sherman Box & Paper Co, 9th and Murphy ..... Walnut 4051

SCRAP IRON METAL AND PAPER STOCK

OHIO

ASHLAND

Ashland Scrap Iron & Metal Co The.....Ashland 608

SCRAP IRON, METAL, RAGS AND PAPER STOCK

INDIANA

NEW ALBANY

Indiana Rubber & Metal Co, 307 E Main.Independent 2223

SCRAP IRON AND METALS

INDIANA

INDIANAPOLIS

Borinstein A, 209 South East Bell-Prospect 566 .....Automatic 26-586
Cohen's Alex Sons, 709-711 West Washington ..... Bell-Main 2254 Automatic 23-242
Falender, Samuel & Co, 615-699 S Capitol av ..... Bell-Prospect 130 Automatic 26-678
Kaufman & Robbins, 20-32 East McCarthy ..... Bell-Prospect 244 Automatic 23-789
Levi Himen, 525 S Illinois.....Main 1468

KENTUCKY

LOUISVILLE

Gradman H, 124-30 South Floyd Bell-Main 1138 .....Home-City 7830
Louisville Iron & Metal Co, 411 South First .....Home-City 3075
Southern Metal Co, S E cor 14th and Walnut ..... Bell-Main 1629 Home-City 1629

LOUISIANA

NEW ORLEANS

Marx A & Sons, 643 Tchoupitoulas.....Main 836

MASSACHUSETTS

HOLYOKE

Berowsky Co, 66-90 Appleton.....Holyoke 1304-W

MICHIGAN

DETROIT

Kramer H & Co, 627-687. 24th.....West 1892
Peerless Iron & Metal Co, Penobscot bldg Cadillac 7565

PORT HURON

United Iron & Metal Co, Court.....Port Huron 1169

MINNESOTA

DULUTH

West End Scrap Iron & Metal Co, 1910 W Michigan .....Bell-Melrose 3499 Zenith-Lincoln 480

NEW JERSEY

NEWARK

Liebstein T B, 72 Chestnut.....Market 9989

OHIO

CINCINNATI

Moskowitz Bros, 7th and Freeman.....West 1503
Watelsky A, 1023-31 W 6th.....West 1313

CLEVELAND

Atlas Metal Co, 2651 East 75th...Bell-Rosedale 4195 .....Ohio State-Princeton 881
Cuyahoga Scrap Iron & Metal Co, 7411 Cedar av ..... Bell-Rosedale 520 Ohio State-Princeton 352

COLUMBUS

Berman & Reed, Chestnut and Gorman ..... Bell-Main 5136 Ohio State 7765
Finkelstein N, 108-116 W Randolph Bell-Main 5552 .....Ohio State 8071
Topper & Finkelstein, W State & H V R R .....Ohio State 8656

FOSTORIA

Solomon Junk Co, 566 Poplar.....Main 1752

HAMILTON

Wolf & Co, East and Maple avs Bell-Hamilton 2050 .....Ohio State 889

LANCASTER
Fairfield Junk & Produce Co, South High and Water ..... Main 2009

LONDON
Watson Andrew, South Oak st ..... Bell-Main 258-K
..... Ohio State 213

MARION
Marion Iron & Metal Co, 120 N State ..... Marion 3158

MARYSVILLE
Wolfson L, 123 N Plum ..... Marysville 375

TIFFIN
Rosenblatt A, 114 W Market ..... Tiffin 181-W

TOLEDO
Kaplan J & Son, 2021 Canton .... Ohio State-Main 5174

PENNSLYVANIA

HARRISBURG
Williams & Freedman, 10th below Mulberry ..... Harrisburg 4511
..... Cumberland Valley 4219

LEBANON
Caplan Julius H, W Cumberland and Cornwall R R ..... Lebanon 868-J

PHILADELPHIA
De Cou Richard Co, ne cor 12th and Noble. Poplar 276

SCRAP IRON, METALS, BOTTLES, BARRELS, RUBBER, RAGS

MINNESOTA

ST PAUL
Greenberg Iron & Metal Co, 84-90 S Wabasha ..... Bell-Roble 208
..... Tri State 22547

SCRAP IRON—METALS—GRADERS OF RAGS & PAPER STOCK

OHIO

BELLAIRE
Weizer Wm & Co, cor 28th and Cherry Alley ..... Bell-Bellaire 463-J
..... Ohio State 158-J

NORTH BALTIMORE
Goldberg H L, 309 N 3d av .. Bell-North Baltimore 38-K
..... Ohio State 913

TOLEDO
Shuer-Wiener I & S Co, 1125-37 Champlain ..... Bell-Main 5564
..... Ohio State-Main 3435

SCRAP IRON, METALS AND JUNK DEALERS

KENTUCKY

LOUISVILLE
Hyman E, 121-27 E Market ..... Bell-Main 3181-Y
..... Home-City 727

SCRAP IRON METALS & PAPER

KANSAS

WICHITA
Kamenesky J & Bro, 618 Murdock ..... Market 4998

SCRAP IRON AND METALS—PLANTS DISMANTLED

PENNSYLVANIA

LEBANON
Kreiner L & Co, 5th and Green ..... Lebanon 32

SCRAP IRON, METALS & RAGS

OHIO

COLUMBUS
Fish L & Co, 630 Parsons av ..... Ohio State 19629
Garaway A, 541 Parsons av .....

WELLSVILLE
Alpern C, Second ..... Wellsville 86

SCRAP IRON, METALS, RAGS, ALL KINDS OF JUNK

INDIANA

EVANSVILLE
West Side Junk Co, 1221 W Franklin Evansville 5676

SCRAP IRON, METALS, RUBBER & ALL WASTE MATERIALS

SOUTH CAROLINA

CHARLESTON
Mill Scrap & Rubber Co The, 6-10 Pritchard ..... Charleston 73

SCRAP IRON—METALS, RUBBER & SECOND HAND MATERIALS

OHIO

BOWLING GREEN
Kander H & Co, Court ..... Bell-Bowling Green 11
..... Ohio State 60

YOUNGSTOWN
Youngstown Iron & Metal Co, 26 N Watt ..... Bell-Main 1642
..... Ohio State 76348

SCRAP IRON, METALS, SACKS, RUBBER HIDES

WASHINGTON

CENTRALIA
Hub City Junk Co, 820 Tower av ..... Centralia 522

SCRAP IRON, METALS AND 2ND HAND MACHINERY

PENNSYLVANIA

HARRISBURG
Silberman Bros, 445 S Second .... Bell-Harrisburg 864
..... Cumberland Valley 4740

POTTSTOWN
Pollock Mayer, Cross st ..... Pottstown 155

SCRAP IRON AND METALS, SHEET STEEL FOR STAMPING

MICHIGAN

DETROIT
Kramer J, 24 Western Market ..... Glendale 4203

SCRAP IRON & OLD BOILERS

KENTUCKY

LOUISVILLE
Klempner Bros, 13th and Rowan ..... Bell-Main 1280
..... Home-City 1280

SCRAP IRON, RAGS, RUBBER & METALS—WHOLESALE & RETAIL

INDIANA

INDIANAPOLIS
Solotken Jacob, 402-10 W North ..... Bell-Main 3239
..... Automatic 24-478

SCRAP IRON, RUBBER AND METALS (WHOLESALE)

CALIFORNIA

SAN FRANCISCO
Levin M & Sons, 1062-1068 Folsom ..... Park 4178

SCRAP IRON, RUBBER, METALS AND MACHINERY

CALIFORNIA

OAKLAND
Bercovich A Co, First and Jackson ..... Oakland 69
Davis Hyman, 625 Grove ..... Oakland 4865

SCRAP IRON AND SECOND HAND STRUCTURAL MATERIAL

OHIO

CLEVELAND
Cohen M & Son Co, 1252 East 55th. Bell-Rosedale 71
..... Ohio State-Central 4006-L

SCRAP IRON AND STEEL

NEW YORK

BUFFALO
Pennsylvania Wood & Iron Co, Ellicott Sq. Seneca 1272

OHIO

TOLEDO
Gerson I & Sons Co The, East Broadway and W L E RR ..... Navarre 99

PENNSLYVANIA

PHILADELPHIA
Dreifus Emanuel & Co Inc, Commercial Trust bldg ..... Spruce 2330
Hoffer Allen R & Co, Pennsylvania bldg ... Spruce 911

SCRAP IRON—STEEL—METAL & WASTE

OHIO

YOUNGSTOWN
Wilkoff Co The, 1609 Wilson av ..... Bell-Main 3500
..... Ohio State 3252

SCRAP IRON, STEEL & METALS

INDIANA

NOBLESVILLE
Smith Bros, cor 6th & Mulberry .... Noblesville 146-01

OHIO

CANTON
Luntz Iron & Steel Company, Daily News bldg
..... Bell-Main 2801
..... Ohio State 2801

SCRAP IRON, STEEL & METALS—CONTINUED

CLEVELAND

Canadian Scrap Iron & Metal Co, 2199 E 40th ..... Bell-Rosedale 128 Ohio State-Central 5274
Fertel-Dangler-Wilson Co The, Schofield bldg ..... Bell-Main 6184 Ohio State-Central 1033
Friedman Bros, 2655 East 79th.... Bell-Rosedale 3936 Ohio State-Princeton 2656-W
Weller D & Son, 2661 East 75th... Bell-Rosedale 5787 Ohio State-Princeton 23

STEUBENVILLE

Steubenville Iron & Metal Co, 129 N Seventh ..... Steubenville 187-J

WARREN

Warren Metal Co The, Hippodrome bldg..Warren 2157

PENNSYLVANIA

PITTSBURGH

Wilkoff Co The, First National Bank bldg...Court 4510

SHARON

Sharon Iron & Metal Co, S Irvine st.....Sharon 964

SCRAP IRON STEEL—METALS & BUNDLED SHEET SCRAP

OHIO

YOUNGSTOWN

Carnick Bros, 118 Oak Hill av ..... Bell-Federal 1005 Ohio State 75222

SCRAP IRON USED STRUCTURAL MATERIAL AND MACHY

CALIFORNIA

LOS ANGELES

Western Iron & Metal Co, 1625 N Main.....East 1417

SCRAP LEATHER—NEW CUTTINGS

OHIO

COLUMBUS

Silberstein L Co The, 218-20 West Broad .....Ohio State 7671

SCRAP METAL

ILLINOIS

CHICAGO

Metal Products Co, 100 South Jefferson.Haymarket 7166

NEW YORK

NEW YORK CITY

Salzberg H E & Co, 30 Church.....Cortland 684

OHIO

CINCINNATI

Cohen Mose & Son, 524-28 Freeman av.....West 4397

CLEVELAND

Hirsch G & Co, 437 Prospect av N W.....Main 2666
New York Metal Exchange Co, 10126 St Clair av ..... Eddy 996

COLUMBUS

Columbus Rubber & Metal Co, 459 S Parsons av..... Bell-Main 7473 Ohio State 7492

SCRAP METAL BUNDLERS

WISCONSIN

MILWAUKEE

Galland-Henning Mfg Co, 26th av & Layton Park .....Orchard 193

SCRAP PAPER

ILLINOIS

CHICAGO

Mendelson Bros Paper Stock Co, 910 S Michigan av .....Harrison 2840

SCRAP RUBBER

NEW YORK

NEW YORK CITY

Loewenthal R M & Co Inc, 51 East 42d.Murray Hill 611

SCRAP RUBBER, NEW AND OLD—FOREIGN AND DOMESTIC

NEW YORK

NEW YORK CITY

Chalfin Joseph, 47-53 West st ...Bowling Green 8795

SCRAP STEEL

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market.Danville 21

SCRAPERS (EARTH)

NEW YORK

NEW YORK CITY

Kilbourne & Jacobs Mfg Co The, 25 Broad.Broad 4699

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co, The, Lincoln & Congress ..... Bell-Main 91 Ohio State 8368

SCRAPERS—POWER

ILLINOIS

CHICAGO

Sauerman Bros, Monadnock blk .....Harrison 4029

SCRAPERS, ROAD PLOWS AND WHEEL BARROWS

OHIO

SIDNEY

Sidney Steel Scraper Co The, Poplar & Walnut ..... Sidney 153

SCREEN CLOTH MFGRS, ALL MAKES

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

SCREENING MACHINERY

ILLINOIS

AURORA

Stephens-Adamson Mfg Co, Ridgeway & C B & Q RR.....Aurora 310

OHIO

CLEVELAND

Tyler W S Co The .....Prospect 1673

SCREENS

GEORGIA

ATLANTA

Robbins Mfg Co, Empire bldg.....Ivy 3377

ILLINOIS

CHICAGO

Robbins Mfg Co, 1815 N Central Pk av...Albany 2600

MASSACHUSETTS

BOSTON

Robbins Mfg Co, 36 Bromfield.....Fort Hill 5436

NEW JERSEY

JERSEY CITY

Mundt Chas & Sons, 55 Fairmount av.....Bergen 1299

SOUTH ORANGE

Orange Screen Co, 565 Valley.....S Orange 864

NEW YORK

NEW YORK CITY

Protective Ventilator & Screen Corp, 330 E 23d .....Gramercy 882
Robbins Mfg Co, 47 W 34th.....Greeley 3256

PENNSYLVANIA

PHILADELPHIA

Robbins Mfg Co, Land Title bldg.....Locust 1730

PITTSBURGH

Robbins Mfg Co, Jenkins Arcade bldg.....Grant 6769

SCREENS, CEMENT, COAL, GRAVEL, JIGS, MILLG, MING, SAND

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

SCREENS, PERFORATED METAL

NEW YORK

NEW YORK CITY

Manhattan Perforated Metal Co, 237 CentreSpring 667

PENNSYLVANIA

CARBONDALE

Hendrick Mfg Co, 39-75 Dundaff .....Carbondale 22

SCREW ANCHORS—EXPANSION

ILLINOIS

CHICAGO

Star Expansion Bolt Co, 120 W Lake.....Main 264

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar.....Rector 465

SCREW ANCHORS EXPANSIVE

ILLINOIS

CHICAGO

Ackerman-Johnson Co 625 W Jackson bl..Monroe 22

SCREW CUTTING TOOLS AND MACHINERY—MNFRS.

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 18 S Clinton .....Main 21

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

SCREW MACHINE PRODUCTS

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main.....Bristol 670

NEW HAVEN

Eastern Machine Screw Corp The, Truman & Barclay .....Liberty 7088
See our Catalog Space, page 941
New Haven Screw Co The, 191-193 Foster. Liberty 7144

WATERBURY

Blake & Johnson Co The, Waterville..Waterbury 723

ILLINOIS

BELVIDERE

Belvidere Screw & Machine Co, 826 E Madison .....Belvidere 8
National Sewing Machine Co, cor State and Meadow .....Main 25

CHICAGO

Advance Tool Works, 2300 Warren av.....Seeley 2928
Chicago Mfg Screw Co 308 W Ontario....Superior 7073
Chicago Nut Co 2513-39 W 20th.....Lawndale 3314
Economy Manufacturing Company, 4755-4757 London av.....Irving 4485
E C Mfg Co 522 S Clinton.....Harrison 8669
Henry G J Mfg Co The, 3262-3270 W Grand av .....Belmont 1308
National Sewing Machine Co, 320 W Madison .....Franklin 4420
Nelson A Mfg Co, 564-572 W Randolph.....Main 1170
Quadriga Mfg Co The, 213-221 W Grand av Superior 560
Saal H G Company, 1808-10 Montrose av ..... Ravenswood 730
See our Catalog Space, page 941
Screw Machine Specialty Co 1132 W Austin Monro 5133
Steffenson Bros, 552 W Harrison.....Wabash 6604
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

GENEVA

Burgess Norton Mnfg Co.....Geneva 804

INDIANA

LA FAYETTE

Horat J, 417-23 Ferry Bell-Lafayette 228
..... Lafayette 3228

PERU

Miami Screw Machine Products Co, W 2d st. Main 752

MICHIGAN

DETROIT

American Screw Products Co, 234-236 Napoleon .....Cadillac 3668
Brown-McLaren Mfg Co, 109 Larned E..Cadillac 1866
Detroit Screw Works, Riopelle and Franklin .....Main 3766
See our Catalog Space, page 1005
Murphy Brothers, 75-85 Baltimore av W....North 6414
Progressive Machine Screw Co, 169 Howard .....Cadillac 6472
Ryder-Barr Screw Co, Farrand Power bldg .....North 1091
Standard Screw Products Co, Bellevue and Warren avs.....Ridge 6220

LANSING

Michigan Screw Co, ...Lansing 2345

NEW JERSEY

NEWARK

Hartley Screw Products Co, 61-65 New J R R av.....Mulberry 3037

NEW YORK

NEW YORK CITY

Horn Screw Products & Stamping Co, 217 Centre .....Canal 642
Jackson Screw Machine Products Co Inc, 607-609 Bergen, Bklyn.....Prospect 3487
See our Catalog Space, page 1006
Lazarides Mfg Co, 136 Liberty & 141 Cedar. Rector 2724
Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065
Rock Screw Machine Products Corporation, 199-203, 8th st, L I C.....Hunters Pt 842
See our Catalog Space, page 1006

OHIO

CINCINNATI

Fischer Special Mfg Co, 2076-78 Reading rd ..... Canal 168

DAYTON

Dayton Screw Co The, 2d and Webb.....East 80
Ohio Metal Products Co The, 35-39 Edgar..East 2129

DEFIANCE

Defiance Manufacturing Co The.....Defiance 250

PENNSLYVANIA

ERIE

Erie Metal Products Co 644-648 W 12th....Erie 1295-M

SCREW MACHINE PRODUCTS—ALL KINDS

NEW YORK

NEW YORK CITY

Scott J W Hardware Co, 30 Warren.....Barclay 6113

SCREW MACHINE PRODUCTS IN BRASS

CONNECTICUT

SEYMOUR

Seymour Brass Turning Co, 104 Day....Seymour 181-3

SCREW MACHINE PRODUCTS & MACHINE WORK

NEBRASKA

OMAHA

Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

SCREW MACHINE PRODUCTS AND MACHINED CASTINGS

NEW YORK

NEW YORK CITY

Lazarides Mfg Co, 136 Liberty & 141 Cedar Rector 2724

SCREW MACHINE PRODUCTS, STAMPINGS, ETC.

CONNECTICUT

ANSONIA

Ansonia Mfg Co, River rd.....Derby 926

ILLINOIS

CHICAGO

Chicago Metal Products Co, 501-17 S Jefferson .....Wabash 4122

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065
Snow & Barkley, 255 Broadway .....Barclay 6509
See our Catalog Space, page 1006

PENNSLYVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

SCREW MACHINE WORK

ILLINOIS

CHICAGO

National Stamping & Electric Works, 414-426 S Clinton .....Wabash 3560
Shank Cyrus Co 625 W Jackson bl....Haymarket 673
Thompson & Bremer 850 S Canal.....Wabash 6764

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co The .....Dunbar 1998

SCREW MACHINERY

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642

SCREW MACHINES

INDIANA

INDIANAPOLIS

Millholland W K Machine Company, 10th and Canal..... Bell-Main 4072 Automatic 28-246

SCREW MACHINES, MNFRS.

ILLINOIS

CHICAGO

Wright David A, 568 W Washington bl..Franklin 5899

SCREW PLATES (FOR ALL PURPOSES) MNFRS.

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation...Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

SCREWS

OHIO

CLEVELAND

National Screw & Tack Co The, Stanton av, S E & C P R R.....Rosedale 5728

SCREWS, CAP—MACHINE, NUTS, S F HEX & CASTLED

MICHIGAN

DETROIT

Federal Screw Works, 14 Duffield.....Cadillac 2544

NEW YORK

NEW YORK CITY

Empire City Screw Products Co, 12 West 62d .....Columbus 1952

SCREWS—CAP SET AND SPECIAL

MICHIGAN

DETROIT

Standard Screw Products Co, Bellevue and Warren avs.....Ridge 6220

SCREWS—COACH, CAP, SET, WOOD & WING

ILLINOIS

ROCKFORD

Rockford Bolt Company The, 200 Mill....Main 147

SCREWS—MACHINE MADE IN ALL METALS

CONNECTICUT

WATERBURY

Blake & Johnson Co The, Waterville..Waterbury 723

ILLINOIS

CHICAGO

Pheoll Manufacturing Co, 5702 W 12th..Columbus 300

MASSACHUSETTS

BOSTON

New England Screw Co, 44 Farnsworth....Main 6840

NEW YORK

NEW YORK CITY

Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

SCREWS, MNFRS. MADE FROM SAMPLES OR BLUE PRINT

RHODE ISLAND

PROVIDENCE

Hoyle Mfg Co The, 22 Conduit.....Union 1493

SCREWS SAFETY SETS (HOLLOW)

CONNECTICUT

HARTFORD

Allen Mfg Co, 135 Sheldon.....Charter 4490

ILLINOIS

CHICAGO

Allen Mfg Co, 130 N Wells.....Franklin 5326

SCREWS & SCREW MACHINE PRODUCTS

OHIO

CLEVELAND

Ferry Cap & Set Screw Co, 2151 Scranton rd .....Harvard 1947

SCREWS—SET CAP & MACHINE

MICHIGAN

DETROIT

Detroit Screw Works, Riopelle and Franklin Main-3766

See our Catalog Space, page 1005

SCREWS—WOOD, IRON, BRASS AND BRONZE MFRS.

CONNECTICUT

SOUTHINGTON

Southington Hardware Co, 168 Center st ..... Southington 52

SCROLL SAW BLADES, MFRS.

ILLINOIS

CHICAGO

Swett Frank W & Son, 1716-18 W Adams...West 2508

SCRUB CLOTHS

NEW YORK

NEW YORK CITY

Lewis Samuel 73 Barclay.....Barclay 5406
Mussmann & Stuebe, 106-108 Worth.....Worth 844

SCUPPERS UNDERWRITERS

ILLINOIS

CHICAGO

Dean Olney J & Co, 19 S LaSalle.....Central 3462

SCUPPERS—UNDERWRITERS WINDPROOF

NEW YORK

NEW YORK CITY

Watertite Drain & Scupper Co Inc, 351 Lexington av .....Murray Hill 7666

SEAL PRESSES

NEW YORK

NEW YORK CITY

Everson & Reed Co, 88 Chambers.....Barclay 8098

SEAL PRESSES, FOR LEAD SEALS

NEW YORK

NEW YORK CITY

Morrill Chas, 100 Lafayette.....Franklin 3947

SEAL PRESSES— NOTARY AND CORPORATION

ILLINOIS

CHICAGO

Time & Energy Co The, 9 S Clinton.....Main 1142

MASSACHUSETTS

BOSTON

Geary John J & Co, 325 Washington.....Main 3612-J
Hoffman Seal, Stamp & Eng Co, 15 School..Main 874

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d..... Gramercy 5361
Brooklyn Office, 419 Fulton .....Main 764

SEALING MACHINES AND GUMMED PAPER

ILLINOIS

CHICAGO

Metal Specialties Mfg Co, 338-352 N Kedzie av .....Garfield 440

SEALING MAILING & ENVELOPE STAMPING MACHINES

ILLINOIS

CHICAGO

Mail-O-Meter Sales Company, 89 S LaSalle .....Randolph 1673

MICHIGAN

DETROIT

Mail-O-Meter Sales Company, 1097 E Jefferson av .....Edgewood 1084

NEW YORK

NEW YORK CITY

Mail-O-Meter Sales Company, Pulitzer bldg .....Beekman 3816

SEALING TAPES & MOISTENERS

NEW YORK

NEW YORK CITY

Ryan J F & Co, 52 Vanderbilt av....Murray Hill 988

SEALING WAX

ILLINOIS

PRINCETON

Princeton Sealing Wax Co.....Princeton 2234

NEW YORK

NEW YORK CITY

Davids Bros Inc, 79 Cortlandt.....Cortland 691

SEALS—ALL KINDS

INDIANA

INDIANAPOLIS

Mayer Geo J Co, 36 S Meridian Bell-Main 138
.....Automatic 23-28

SEALS, CORPORATION AND NOTARY

ILLINOIS

CHICAGO

American Seal & Stamp Works, 118-120 S Clark .....Randolph 172
Koch G & Co, 71 W Randolph.....Central 365
Safford Stamp Works, 203 W Madison.....Main 205

WISCONSIN

MILWAUKEE

Schwaab Stamp & Seal Co The, East Water and Michigan .....Main 6

SEALS, GUMMED PAPER

ILLINOIS

CHICAGO

Willson H H Co, 501 S Dearborn.....Harrison 21

SEALS, LEAD OR CAR

NEW YORK

NEW YORK CITY

Brooks E J & Co Inc, 227-229 Fulton...Cortland 28

SEALS LEAD & TIN (FOR ALL PURPOSES)

NEW YORK

NEW YORK CITY

Kline N S, 61 Beekman.....Beekman 4

SEALS & PRESSES LEAD, TIN, WIRE, FOR EVERY PURPOS

NEW YORK

NEW YORK CITY

American Casting Mfg Corp, 28 Main, Bklyn.Main

SEALS & SEAL PRESSES, LEAD SEALS, ALL KINDS

MISSOURI

ST LOUIS

Hiertz Theo Metal Co, 8009 Alaska av ..... Bell-Riverside 134, Kinloch-Laclede 17

SEALS, STEEL CAR

KANSAS

LAWRENCE

Edgar Steel Seal & Mfg Co The, 617 Vermont ..... Lawrence 2075

SEALS & STENCILS

UTAH

SALT LAKE CITY

Salt Lake Stamp Co, 65 W Broadway....Wasatch 3098

SEALS, STOCK CERTIFICATES, BONDS, RECORD BOOKS

ILLINOIS

CHICAGO

Middleton J W & Co, 35 S Dearborn.....Central 1435

SEARCH LIGHTS, BRILLIANT

MINNESOTA

DULUTH

Brilliant Search Light Mfg Co The, 24, 4th av West .....Zenith-Grand 700

SEAT AND UPHOLSTERY COVERS—AUTOMOBILE

NEW YORK

NEW YORK CITY

-E Manufacturing Company, 18-22 W 18th ..... Chelsea 5053

SEATING, SCHOOLS, MOVIES, CHURCH AND RY. DEPOT

ILLINOIS

CHICAGO

afford E H Mfg Co, 218 S Wabash av.Harrison 8196

SEATS, BATH TUB

ILLINOIS

CHICAGO

cen Manufacturing Co, 309-313 S Clinton .....Harrison 267

SEATS, CHILDRENS FOLDING TOILET

ILLINOIS

CHICAGO

en Manufacturing Co, 309-313 S Clinton .....Harrison 267

SECOND HAND ADDING AND CALCULATING MACHINES REBUILT

NEW YORK

NEW YORK CITY

ing Machine Inspection & Sales Co, 206 Bway .....Cortland 6739

SECOND HAND MACHINERY

ILLINOIS

CHICAGO

Moore Bros, 39 S Lasalle.....Majestic 7396

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642
Brearley H P, 140 Cedar.....Cedar 9448
See our Catalog Space, page 973
Terminal Machine Co, 406-08 Broome...Cortland 3169

SECOND HAND MACHINERY BOUGHT & SOLD

NEW YORK

NEW YORK CITY

Leaf E B Co, 50 Church.....Cortland 2656

SECOND HAND MACHINERY & FACTORIES BOUGHT & SOLD

NEW YORK

NEW YORK CITY

Leaf E B Co. 50 Church.....Cortland 2656

SECOND HAND RUBBER MACHINERY

NEW JERSEY

NEWARK

Liebstein T B, 72 Chestnut.....Market 9985

SECRET SOCIETY EMBLEMS, GOLD, SILVER & PLATED

ILLINOIS

CHICAGO

Winship Chas A & Co, Masonic Temple...Central 1380

SEED BAG MANUFACTURERS

NEW YORK

NEW YORK CITY

Miller, Tompkins & Co, 487 Washington...Canal 9075

SEED GROWERS

NEBRASKA

FREMONT

Western Seed & Irrigation Co.....Fremont 44

SEEDS

CONNECTICUT

MILFORD

Woodruff F H & Sons .....Milford 157

ILLINOIS

CHICAGO

Barnard W W Co The, 231-235 W MadisonFranklin 635
Dickinson Albert Seed Co The, 35th and California av .....McKinley 3000
Leonard Seed Co, 226-230 W Kinzie.....Main 2762
Peacock Everette R Co 4013 Milwaukee av.Irving 380

KANSAS

LAWRENCE

Barteldes Seed Co The, 803 Mass.....Lawrence 93

MARYLAND

BALTIMORE

Dickinson Albert Seed Co The, Marine Bank bldg ..... St Paul 4075

MASSACHUSETTS

BOSTON

Dickinson Albert Seed Co of Massachusetts The, Bd of Trade bldg.....Fort Hill 1820

MICHIGAN

DETROIT

Dickinson Albert Seed Co The, Chamber of Commerce bldg .....Cherry 2377

MINNESOTA

MINNEAPOLIS

Dickinson Albert Seed Co The, . Chamber of Commerce bldg.....Bell-East 5700, Tri State 41-321

NEW JERSEY

HOBOKEN

Nungesser-Dickinson Co, 1208 Hudson...Cortland 3604

NEW YORK

BINGHAMTON

Craver-Dickinson Seed Co The, 1 George .....Binghamton 67

BUFFALO

Craver-Dickinson Seed Co The, 329 Ganson.Seneca 837

NEW YORK CITY

Nungesser-Dickinson Seed Co, 30 Church.Cortland 3604

OHIO

CINCINNATI

McCullough J Chas Seed Co The, 5th, Lock and Eggleston av and 228-30-32 E 4th.Canal 2603
Rusconi D, 126-28 W 6th.....Canal 643

WISCONSIN

MILWAUKEE

Courteen Seed Co, Lake & Hanover.....Hanover 288

SEEDS (WHOLESALE FIELD SEEDS)

MINNESOTA

MINNEAPOLIS

Minneapolis Seed Co, 3444 Railroad av .....Bell-Drexel 134, Tri State 62328

SEEDS (WHOLESALE ONLY)

CONNECTICUT

MILFORD

Clark Everett B Seed Co The, ...Milford 450

SEEDS (WHOLESALE & RETAIL)

ILLINOIS

ROCKFORD

Buckbee H W, 5000 Buckbee.....Main 111

SEEDS—FARMING IMPLEMENTS, FERTILIZERS

KENTUCKY

LOUISVILLE

Woods-Stubb Co, 219-221 E Jefferson .....Bell-Main 2368-9, Home-City 2368-9

SEEDS GRASS & FIELD WHOLESALE

ILLINOIS

CHICAGO

Illinois Seed Co The, 349-369 E North Water ..... Randolph 5654

WISCONSIN

MILWAUKEE

Teweles L Seed Co, 114 Clybourn..... Grand 1321

SEEDSMEN

PENNSYLVANIA

PHILADELPHIA

Simon I N & Son, 438 Market..... Lombard 810

SEEDSMEN, GROWERS, IMPORTERS, EXPORTERS

CONNECTICUT

ORANGE

Woodruff S D & Sons, ... Orange 17-12

NEW YORK

NEW YORK CITY

Woodruff S D & Sons, 82-84 Dey..... Cortland 2482

SELF PLAYING VIOLIN & PIANO

ILLINOIS

CHICAGO

Mills Novelty Co, Jackson and Green..... Monroe 2017

SEMI STEEL CASTINGS

ILLINOIS

CHICAGO

Ferguson & Lange Foundry Co, Clybourn av and Willow ..... Lincoln 74

SENDING MACHINES

NEW YORK

NEW YORK CITY

Vibroplex Co The Inc, 253 Broadway.... Barclay 6895
See our Catalog Space, page 1020

SEPARATORS—CENTRIFUGAL

PENNSYLVANIA

PHILADELPHIA

Oil & Waste Saving Machine Co The, Real Estate Trust bldg ..... Walnut 3995

SERVICE FLAGS

ILLINOIS

CHICAGO

Chicago Flag & Decorating Co The, 1345-1347 S Wabash av ..... Calumet 3271

SETTEES, PARKS AND CEMETERIES

NEW YORK

NEW YORK CITY

Blake J W Iron Works, 78-80 Park pl.... Barclay 6730

SEWER PIPE, FITTINGS UP TO 36" SEGMENT BLOCKS 40" UP

MISSOURI

ST LOUIS

Laclede-Christy Clay Products Co, Railway Exchange bldg ..... Olive 6800
See our Catalog Space, page 955

SEWER PIPE AND WALL COPING MANUFACTURERS

OHIO

AKRON

Granite Clay Co The, Hamilton bldg ..... Bell-Main 102, Ohio State 2443

SEWER PIVOT LOCK COVER—MANUFACTURERS

OHIO

LIMA

East Iron & Machine Co, 354 East Market... Main 3782

SEWING MACHINE NEEDLES

ILLINOIS

BELVIDERE

National Sewing Machine Co, cor State and Meadow ..... Main 25

CHICAGO

National Sewing Machine Co, 320 E Madison ..... Franklin 4420

NEW YORK

NEW YORK CITY

Durbrow & Hearne Mfg Co, 12 Wooster... Canal 8669
See our Catalog Space, page 1006
National Sewing Machine Co, 290 Broadway. Worth 3533

SEWING MACHINE SUPPLIES FOR ALL KINDS OF MACHINES

ILLINOIS

CHICAGO

Foley-Williams Supply Co, 19 W Jackson bl ..... Harrison 7534

SEWING MACHINES

ILLINOIS

CHICAGO

Saltzman Joseph & Co (Sewing Machines, Motors, Pressing Machines, Cloth Cutting Machines for Garment & Cutting up-trade factory Equipment, Bought and Sold), 571 W Van Buren. Wabash 279
Woodlawn Sewing Machine Store, 917 E 63d ..... Blackstone 2834

NEW YORK

NEW YORK CITY

Durbrow & Hearne Mfg Co, 12 Wooster... Canal 8669
See our Catalog Space, page 1003
Merit Machine Manufacturing Corp (Sewing Machine Parts-In Large Quantities Is our Specialty) 465 Greenwich 9th av, Elevated Desbrosses st Station ..... Canal 9128

SEWING MACHINES (MANUFACTURERS)

ILLINOIS

BELVIDERE

National Sewing Machine Co, cor State and Meadow ..... Main 25

CHICAGO

National Sewing Machine Co, 320 W Madison ..... Franklin 4420

ROCKFORD

Free Sewing Machine Co, 13th st and 18th av ..... Main 5004

NEW YORK

NEW YORK CITY

National Sewing Machine Co, 290 Broadway. Worth 3533

OHIO

CLEVELAND

Standard Sewing Machine Co The, 6402 Cedar av ..... Rosedale 316[illegible]

SEWING MACHINES, ELECTRIC

ILLINOIS

CHICAGO

Lincoln Electric Works (R J Morgan) Heyworth bldg ..... Randolph 414[illegible]

SHAFTING

CANADA

HAMILTON, ONTARIO

Union Drawn Steel Co, Victoria av S... Hamilton 148[illegible]

ILLINOIS

CHICAGO

Union Drawn Steel Co, 564 W Adams... Franklin 428[illegible]

MASSACHUSETTS

BOSTON

Union Drawn Steel Co, 95 Milk..... Fort Hill 251[illegible]

MICHIGAN

DETROIT

Union Drawn Steel Co, 69 Jos Campau av... East 33[illegible]

NEW YORK

BUFFALO

Union Drawn Steel Co, White bldg..... Seneca 19[illegible]

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke..... Spring 67[illegible]
Union Drawn Steel Co, 460 Washington... Canal 92[illegible]

OHIO

CINCINNATI

Union Drawn Steel Co (C R Talbott Mfg Co, Reprs), Spring Grove & Spring..... West 45[illegible]

PENNSYLVANIA

BEAVER FALLS

Union Drawn Steel Co, 7th av..... Beaver Falls 6[illegible]

PHILADELPHIA

Bond Charles Company, 520 Arch..... Market 32[illegible]
Union Drawn Steel Co, 9th and Willow... Market 27[illegible]

SHAFTING (FLEXIBLE)

ILLINOIS

CHICAGO

Strand N A & Co 625 W Jackson bl..... Monroe 6[illegible]

PENNSYLVANIA

PITTSBURGH

Gem Manufacturing Co, Goebel near Fulton ..... Cedar 22[illegible]

SHAFTING (TURNED & GROUND

MARYLAND

CUMBERLAND

Cumberland Steel Co ..... Cumberland [illegible]

SHAFTING AND HANGERS

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton .....Wabash 965
Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450

SHAFTING, HANGERS & PULLEYS

ILLINOIS

CHICAGO

Passman Bros, 30 S Green .....Monroe 6960

SHAKER GRATES

OHIO

CINCINNATI

Quinn & Co 222 East 9th.....Canal 764

SHAPERS

WISCONSIN

MILWAUKEE

Milwaukee Shaper Co, 1144-48 Holton & 518 Prairie .....Lincoln 863

SHAPES & ELEVATOR GUIDES

CANADA

HAMILTON, ONTARIO

Union Drawn Steel Co, Victoria av S..Hamilton 1486

ILLINOIS

CHICAGO

Union Drawn Steel Co, 564 W Adams....Franklin 4280

MASSACHUSETTS

BOSTON

Union Drawn Steel Co, 95 Milk.....Fort Hill 2518

MICHIGAN

DETROIT

Union Drawn Steel Co, 69 Jos Campau av...East 3394

NEW YORK

BUFFALO

Union Drawn Steel Co, White bldg.....Seneca 1958

NEW YORK CITY

Union Drawn Steel Co, 460 Washington...Canal 9260

OHIO

CINCINNATI

Union Drawn Steel Co (C R Talbott Mnfg Co, Reprs), Spring Grove and Spring....West 4545

PENNSYLVANIA

BEAVER FALLS

Union Drawn Steel Co, 7th av.....Beaver Falls 671

PHILADELPHIA

Union Drawn Steel Co, 9th and Willow....Market 2727

SHAPING MACHINES

NEW YORK

NEW YORK CITY

American Machinery Exchange Inc, 217 Centre ..... Canal 642
Criminal Machine Co, 406-408 Broome..Cortland 3169

SHARPENING STONES & ABRASIVE SPECIALTIES

PENNSYLVANIA

SCRANTON

Scranton Whetstone & Abrasive Wheel Co The, cor Diamond av and Battle..Scranton 2486-R

SHAVINGS, BALED & SAWDUST

ILLINOIS

CHICAGO

Shaving & Sawdust Co (We Buy and Sell Baled Shavings and Kiln Dried Sawdust, all kinds) 2416 W 23d .....Canal 233

SHAVINGS AND DUST COLLECTING SYSTEMS

ILLINOIS

CHICAGO

Allington & Curtis Mfg Co The, Monadnock blk ..... Harr'son 335
Cyclone Blow Pipe Co, 2542-2552W21st.Lawndale 1910

MASSACHUSETTS

BOSTON

Allington & Curtis Mfg Co The, 706, 2d st ..... So Boston 580

MICHIGAN

SAGINAW

Allington & Curtis Mfg Co The, 400 Holden st .....Saginaw 464

NEW YORK

ROCHESTER

Allington & Curtis Mfg Co The, 98 Flower City Park ..... Main 4044

PENNSYLVANIA

PHILADELPHIA

Allington & Curtis Mfg Co The, 210 S 11th st ..... Walnut 2765

SHAWLS AND SCARFS—IMPORTERS AND MANUFACTURERS

NEW YORK

NEW YORK CITY

Hanhart E, 396 Broadway .....Franklin 2837

SHEAR BLADES—MNFRS.

OHIO

DAYTON

Simonds A A & Son Co The, Bell-Fairview 264
Summit and Negley pl .....Ohio State 2912

SHEARS (ALLIGATOR AND SHEET METAL)

OHIO

CANTON

Canton Foundry & Machine Co Inc The, Bell-Main 222
3d S E and Savannah av.....Ohio State 222

SHEARS (FOR STEEL MILL)

OHIO

ALLIANCE

Morgan Engineering Co The, Bell-Alliance 500
Broadway and C & P RR.....Ohio State 2214

SHEARS (GRASS, HEDGE AND PRUNING)

NEW YORK

ELMIRA

Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

SHEARS AND PUNCHES HAND LEVER

ILLINOIS

CHICAGO

Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1091

SHEARS—ROTARY

OHIO

ST MARYS

Quickwork Company The .....St Marys 240

SHEARS AND SCISSORS

NEW YORK

NEW YORK CITY

Austin Walker Sales Co (H Clauss Cutlery Co), 215 Fourth av .....Stuyvesant 3211

SHEARS, SQUARING

ILLINOIS

CHICAGO

Ewert & Kutscheid, 921 W 49th pl.....Drover 8832

SHEATHING PAPER

ILLINOIS

CHICAGO

Brown Company, 110 S Dearborn.....Central 6494

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company, Woolworth bldg.....Barclay 6185

SHEAVES

ILLINOIS

CHICAGO

Pyott Foundry Co, 328 N Sangamon.....Monroe 296

SHEAVES (IRON AND STEEL)

ILLINOIS

CHICAGO

National Equipment Co, 125-127 S Racine av ..... Monroe 4036

SHEEP LEATHER

NEW YORK

BUFFALO

Schoellkopf & Co, Mississippi st.....Seneca 2838

SHEET IRON

PENNSYLVANIA

PHILADELPHIA

American Tin & Terne Plate Co, 24th and Vine .....Loocust 165

SHEET IRON AND METAL WORK

ILLINOIS

CHICAGO

Doering C & Son Inc, 1375 W Lake.....Monroe 921

NEW YORK

BUFFALO

Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

UTAH

SALT LAKE CITY

Western Heating & Sheet Metal Works, 136 W Second South .....Wasatch 3906

SHEET IRON AND TIN WORK

ILLINOIS

CHICAGO

Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Schmidt Samuel, 158-160 N Desplaines.Haymarket 71

CHICAGO HEIGHTS

Maier John & Co, 5 Illinois.....Chicago Heights 235

SHEET IRON WORK

ILLINOIS

CHICAGO

Cyclone Blow Pipe Co, 2542-2552 W 21st.Lawndle 1910
Haines Co The, 1933 W Lake.....Seeley 4023

NEW YORK

NEW YORK CITY

Century Ventilating Co Inc, 257 Third av.Gramercy 4560

PENNSYLVANIA

READING

Penn Foundry & Mfg Co, Box 182.....Reading 991-X

SHEET METAL

ILLINOIS

CHICAGO

Laboratory Metal Goods Co, 800 Sibley Haymarket 4142

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway.....Richmond 357

NEW JERSEY

CAMDEN

Sheet Metal Construction Co (Anything from any kind of sheet metal for any purpose) Delaware av, Wood & York.....Camden 1426

OHIO

ALLIANCE

Transue & Williams Steel Forging Corp, West Ely .....Bell-Alliance 1000 Ohio State 2249

SHEET METAL (MFRS.)

MISSOURI

NEVADA

Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar .....Nevada 552

SHEET METAL CABINETS, SHELVING & STAMPING

NEW YORK

NEW YORK CITY

Columbia Metal Box Co, 224 E 144th....Melrose 6241

SHEET METAL CONSTRUCTORS AND ENGINEERS

NEW YORK

NEW YORK CITY

Mandell-McIver Co (Ventilating, Dust Collecting, Smoke Breeching, Specialties), 1805, 1st av .....Lenox 5735

SHEET METAL CULVERTS AND TINNERS SUPPLIES

IOWA

DUBUQUE

Klaner Mfg Co .....Dubuque 292

SHEET METAL, ROOFING & VENTILATING

KENTUCKY

LOUISVILLE

Davis Jos W, Underhill and Kentucky .....Home-Highland 1354

SHEET METAL, SKYLIGHTS, FIRE DOORS, VENTILATORS

NEW JERSEY

JERSEY CITY

Schreck & Waelty, 27 Hague.....Webster 4070

SHEET METAL—SPECIALTIES

ILLINOIS

CHICAGO

Advance Metal Mfg Co, 100 S JeffersonHaymarket 887
Chicago Metal Mfg Co, 313 S Clinton..Wabash 7105
Krafts A C, 323 W Lake.....Main 1523

MASSACHUSETTS

BOSTON

Gray Peter & Sons Inc, 286 Third.....Cambridge 4105

OHIO

CANTON

Kanneberg Roofing & Ceiling Co The, 935 Robin Court S E .....Bell-Main 264 Ohio State 43

CINCINNATI

Cincinnati Stamping Co The, 26-34 W McMicken av .....Canal 2002

LONDON

Thomas & Armstrong Co The, South Main & Big 4 RR ... ..Bell-Main 194 Ohio State-Citizens 202

SHEET METAL SPECIALTIES (METAL SPINNING, STAMPING)

MINNESOTA

ST PAUL

North Star Spinning & Mfg Co, 1884 University av .....Bell-Midway 8058 Tri State 82712

SHEET METAL SPECIALTIES DESIGNERS & MNFRS.

ILLINOIS

CHICAGO

D L & F Co The, 516 N Lasalle.....Superior 9166

SHEET METAL STAMPING SPECIALTIES

PENNSYLVANIA

PITTSBURGH

Sabina E Co Inc, 714-16 Chateau.....Cedar 4120

SHEET METAL STAMPING AND SPECIAL WASHERS

ILLINOIS

CHICAGO

Hoeft & Company, 400 N Ashland av.....Monroe 2461

SHEET METAL STAMPINGS

CONNECTICUT

WATERBURY

Connecticut Brass & Manufacturing Corp .....Waterbury 396

ILLINOIS

CHICAGO

Chicago Metal Mfg Co, 313 S Clinton....Wabash 710

SHEET METAL TESTING MACHINES

NEW YORK

NEW YORK CITY

Holz Herman A, 1 Madison av.....Gramrcy 18

SHEET METAL & WIRE SPECIALTY MNFRS.

OHIO

NILES

Wilson Mfg Co The, 100 Erie.....Niles 17

SHEET METAL WORK

CALIFORNIA

SAN FRANCISCO

Rees Blow Pipe Manufacturing Co, 340, 7th.Market 33

ILLINOIS

CHICAGO

Chicago Metal Mfg Co, 313 S Clinton...Wabash 71
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 35
Weller Mnfg Co, 1856 N Kostner av.....Albany 42

JOLIET

Farrell Kemp & Gushe Co, Cass & Bissell..Joliet 25

MARYLAND

BALTIMORE

Vaile & Young, Calvert and Beaufort....St Paul 47

MICHIGAN

DETROIT

Auto City Sheet Metal Co, 103 Stanley av.North 5100
Deuel Charles C Co, 75 Jones.....Main 36
See our Catalog Space, page 1007
Sommers & Sons Co Inc, 886 Superior.....Ridge 18

MISSOURI

ST LOUIS

Harsch Fred Sheet Metal Wks, 1922 Olive. Bomont 2095

NEW JERSEY

JERSEY CITY

Koven L O & Bro, 154 Ogden av.....Webster 4052

OHIO

CLEVELAND

Acme Sheet Metal Mfg Co, 2343 Lakeside av N E .....Prospect 206

PENNSYLVANIA

PHILADELPHIA

Raub C H, Wayne av & Berkley st .....Bell-Wyoming 1328 Keystone-North 93

PITTSBURGH

Walker & Wilcox, 5124 Penn av.....Highland 2825

TEXAS

FORT WORTH

Collinsville Manufacturing Co, 1009-15 E Front ..... Lamar 2491

SAN ANTONIO

Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

SHEET METAL WORK (HEAVY)

NEW YORK

BINGHAMTON

Hotckiss Lock Metal Form Co, 16 Jarvis .....Binghamton 1430

SHEET METAL WORK (TO ORDER)

OHIO

SALEM

Clark W J Co The, 190 Depot.....Salem 352

SHEET METAL WORKERS' SUPPLIES

MASSACHUSETTS

BOSTON

Richards & Co, 200 Causeway.....Richmond 357

SHEET MTLWKRS TOOLS, DIES, MACHS, EAVESTROUGH HANGERS

OHIO

TOLEDO

Hartley Machine, Variety Iron & Tool Works, 900-09 Summit cor Locust .....Bell-Main 460 Ohio State-Main 1580

SHEET METAL WORKERS TOOLS & MACHINES

MASSACHUSETTS

BOSTON

Richards & Co Inc, 200 Causeway.....Richmond 357

NEW YORK

NEW YORK CITY

Ries H & Co, 83 John.....Beekman 540

OHIO

ST MARYS

Stockwork Company The .....St Marys 240

SHEET METAL WORKING MACHINERY

MICHIGAN

DETROIT

Magee Sheet Metal Machinery Co (One Pass Wiring and Edging Machine), 728 Vermont av ..... Glendale 1047

SHEET METALS PLATE & CONSTRUCTION WORK

ALABAMA

BIRMINGHAM

Crawford Vaughan Boiler & Locomotive Wks, 1405 av E South.....Main 6164

SHEET, STEEL

NEW YORK

NEW YORK CITY

Grouch W J Co Inc, 253 Broadway.....Barclay 4216

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce N W cor.....Main 1704

SHEET STEEL—BLACK & GALVANIZED

NEW YORK

BUFFALO

Seneca Iron & Steel Co, Erie Co Bk bldg. Seneca 5620

OHIO

WARREN

Trumbull Steel Co The, South Pine st....Warren 1927

SHEET STEEL BLACK & GALVANIZED—TANKS & ROOFING

ALABAMA

MOBILE

Mobile Steel Co Inc ft Eslava st.....Mobile 1574

SHEET, STEEL AND IRON

ILLINOIS

CHICAGO

Dearborn Steel & Iron Co, 122 S Michigan av .....Harrison 1251

SHEET STEEL & PLATE CONSTN, SPECIAL, ALL GRADES

OHIO

WARREN

Heltzel Steel Form & Iron Co The, Thomas rd .....Warren 2247

SHEET STEEL STAMPINGS

ILLINOIS

GENEVA

Burgess Norton Mnfg Co.....Geneva 804

SHEETINGS (SANITARY)—INFANTS GOODS

CALIFORNIA

SAN FRANCISCO

Omo Mfg Co, (De Graff & Palmer) 50 Sansome .....Sutter 6120

COLORADO

DENVER

Omo Mfg Co, (De Graff & Palmer) Foster bldg .....Champa 2492

CONNECTICUT

MIDDLETOWN

Omo Mfg Co The, 51 Walnut .....Middletown 1163

ILLINOIS

CHICAGO

Omo Mfg Co, (DeGraff & Palmer) 223 W Jackson bl .....Wabash 4123

MASSACHUSETTS

BOSTON

Omo Mfg Co, (De Graff & Palmer) 67 Chauncey .....Beach 380

NEW YORK

NEW YORK CITY

Omo Mfg Co, (De Graff & Palmer) 881 Broadway .....Gramercy 267

SHEETINGS—TRANSPARENT AND COLORED

CALIFORNIA

SAN FRANCISCO

Arlington Company (Py-ra-lin), 718 Mission .....Kearney 2704

ILLINOIS

CHICAGO

Arlington Company (Py-ra-lin), 14 N Franklin.....Main 1932

MASSACHUSETTS

BOSTON

Arlington Company (Py-ra-lin), 84-86 Essex .....Beach 3049

MISSOURI

ST LOUIS

Arlington Company (Py-ra-lin), 505 N 7th .....Olive 1054

NEW YORK

NEW YORK CITY

Arlington Company (Py-ra-lin), 725 Broadway .....Spring 9900

PENNSYLVANIA

PHILADELPHIA

Arlington Company (Py-ra-lin), 900 Chestnut .....Walnut 381

SHEETS—ALUMINUM, LEAD, ZINC AND COPPER

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce...Liberty 4320
See our Adv., page 32, opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, opposite Section 1

SHEETS—ALUMINUM, LEAD, ZINC AND COPPER—CONT'D.

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, opposite Section 1

NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv., page 32, opposite Section 1

SHEETS, BLACK & GALVANIZED, PLAIN & CORRUGATED

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway.....Bowling Green 9167

SHEETS, BLACK & GALVANIZED, STEEL & TONGAN METAL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-12th, 10th av S ..... Bell-Nicollet 534 Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, S E cor 22d & 11th av.Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E ..... Bell-Main 3000 Ohio State 271

SHEETS, IRON AND STEEL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

SHEETS & PILLOW CASES "COTTON"

NEW YORK

NEW YORK CITY

Simons Ernest Mfg Co, 25 Madison av.....Mad Sq 8038

PORT CHESTER

Simons Ernest Mfg Co, Westchester av .....Port Chester 690

SHELF DRYERS—VACUUM

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

SHELLAC IMPORTERS & SHELLAC VARNISH MNFRS.

ILLINOIS

CHICAGO

Goldschmitt Chas, 11-15 E South Water...Central 5635

SHELLAC, VARNISH AND GUMS

ILLINOIS

CHICAGO

Barrett M L & Co 233 W Lake.....Main 11

SHELLACS

ILLINOIS

CHICAGO

Franche C E & Co, 440 Orleans.....Main 4251

SHELLS, REINFORCED WOOD & STEEL CALENDAR SHELLS

NEW JERSEY

PATERSON

Cylinder Mfg Co, 185 Fifth av.....Paterson 370

SHELVING—ALL STEEL

OHIO

YOUNGSTOWN

General Fireproofing Co The, "Economy", East Dennick..... Bell-Main 1250 Ohio State 2250

SHELVING AND BINS FOR STORAGE—STEEL

MINNESOTA

MINNEAPOLIS

Berger Mfg Co The, 300-12th, 10th av S ..... Bell-Nicollet 534 Automatic 37321

NEW YORK

NEW YORK CITY

Berger Mfg Co The, S E cor 22d & 11th av.Chelsea 1408

OHIO

CANTON

Berger Mfg Co The, Belden av N E ..... Bell-Main 3000 Ohio State 271

SHELVING, STEEL

ILLINOIS

CHICAGO

Durand Steel Locker Co, 76 W Monroe..Central 6302
Federal Steel Fixture Co, Security bldg..Franklin 4327

NEW JERSEY

CAMDEN

Jefferis Richard W Co, 11th & Linden.Bell-Camden 1401 Keystone-Camden 64

NEW YORK

NEW YORK CITY

Durand Steel Locker Co, 182 Nassau....Beekman 1182

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th..... Bell-Rosedale 3036 Ohio State-Princeton 222

SHERARDIZING (RUST PROOFING)

MICHIGAN

DETROIT

Wise Electro Sherardizing Co, 120 Eighth st ..... Cherry 6844

SHERARDIZING FOR METAL RUST PREVENTION

CONNECTICUT

NEW HAVEN

New Haven Sherardizing Co The, 1040 State .....Liberty 6941

SHIMS—SPECIAL FOR ENGINE BUILDERS

ILLINOIS

CHICAGO

Hoeft & Company, 400 N Ashland av.....Monroe 2461

SHINGLE STAINS

MASSACHUSETTS

BOSTON

Cabot Samuel Inc, 141 Milk.....Main 585

SHINGLES, ASPHALT

ILLINOIS

CHICAGO

Heppes-Nelson Roofing Co The, 4500 Fillmore .....Kedzie 2365

MINNESOTA

MINNEAPOLIS

Heppes-Nelson Roofing Co The, 405 Main N E ..... East 5523

NEW YORK

NEW YORK CITY

Asphalt Ready Roofing Co, 9 Church.....Cort'and 3543
Barrett Company The, 17 Battery pl.....Rector 600

SHINGLES, ASPHALT & COMPOSITION

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1169

SHINGLES, CEDAR

ILLINOIS

CHICAGO

Brown Company, 110 S Dearborn.....Central 649[illegible]

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 12[illegible]

NEW YORK

NEW YORK CITY

Brown Company, Woolworth bldg.....Barclay 6185

WISCONSIN

MARINETTE

Menominee White Cedar Co, 901 Maggie.Marinette [illegible]

SHINGLES, METAL

MISSOURI

NEVADA

Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar.....Nevada [illegible]

SHINGLES, MULTI

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

SHINGLES, NEPONSET ASPHALT

OHIO

CINCINNATI

Hardware & Roofing Supply Co, 618 Elm...Canal 306

SHIP AUGERS

ILLINOIS

ROCKFORD

Star Bit & Tool Co The, 1016, 9th.....Main 5802

SHIP BROKERS

ALABAMA

MOBILE

'age & Jones Bank of Mobile bldg.....Mobile 416
See our Catalog Space, page 1007

LOUISIANA

NEW ORLEANS

uhn S J Shipping Co Inc (The) Hennen bldg ..... Main 3265

NEW YORK

NEW YORK CITY

leppe, Ostervold & Co Inc, 11 Broadway.Bowl Grn 9178
ew York Ship Brokerage Co Inc, 80 East 42d .....Murray Hill 3558

HIP BUILDERS

NEW JERSEY

CAMDEN

athias Ship Building Co .....Camden 76

NEW YORK

NEW YORK CITY

yles Shipyard Inc, Port Jefferson LI.Pt Jefferson 225

HIP BUILDERS, BARGES, SCOWS, FLOATS

ILLINOIS

CHICAGO

ierican Car & Foundry Co, Railway Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

ierican Car & Foundry Co, 915 Olive....Olive 2600

NEW YORK

NEW YORK CITY

erican Car & Foundry Co, 165 Bway.Cortland 8110

HIP BUILDERS' LIST

NEW YORK

NEW YORK CITY

ndel H F (Guide of 200,000 Manufacturers, List of 2,000 Export-Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau.....Cortland 7630

SHIP BUILDING MACHINERY

OHIO

BUCYRUS

American Clay Machinery Co The, Walnut and Warren.....Bucyrus 399

PENNSYLVANIA

PHILADELPHIA

American Clay Machinery Co The (Headquarters, Bucyrus, Ohio), Liberty bldg.Filbert 5366

SHIP CHANDLERS

NEW YORK

NEW YORK CITY

Atlantic Sales Co, 29 Broadway.....Whitehall 979
Stewart Davit & Equipment Corp, 17 Battery pl .....Rector 6679
See our Catalog Space, page 1007

SHIP FURNITURE; SPECIAL FITTINGS, INTERIORS, ETC.

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

SHIP OWNERS

NEW YORK

NEW YORK CITY

Kleppe, Ostervold & Co Inc. 11 Broadway.Bowl Grn 9178

SHIP YARD MACHINERY

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 3756

SHIP YARD MACHINERY MANUFACTURERS

OHIO

ALLIANCE

Morgan Engineering Co The, Broadway & C & P R R.....Bell-Alliance 500 Ohio State 2214

SHIPPING AGENTS

NEW YORK

NEW YORK CITY

Transatlantic Shipping Co Inc, (Export Specialists, War Insurance, Freight Brokers, 109 Broad.....Broad 4262

SHIPPING GUIDE

ILLINOIS

CHICAGO

Shippers Guide Co The, 523 Plymouth ct.Harrison 555

MISSOURI

ST LOUIS

Shippers Guide Co The, Benoist bldg.....Main 1402

NEW YORK

NEW YORK CITY

Shippers Guide Co The, 13 Park Row....Barclay 8118

SHIPPING, PACKING, MOVING & STORAGE OF HOUSEHLD GDS.

CALIFORNIA

LOS ANGELES

California Fireproof Storage Co, 2808 W Pico ..... Manual-West 4736 Automatic 71-412
See our Catalog Space, page 1011
Shattuck & Ninno Warehouse Co, Marsh-Strong bldg ..... Manual-Main 381 Automatic 4814
See our Catalog Space, page 1011

ILLINOIS

CHICAGO

Fort Dearborn Fireproof Storage Co, 4615 Clifton av ..... Ravenswood 100
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S Dearborn ..... Harrison 3467
See our Catalog Space, page 1011

MARYLAND

BALTIMORE

Security Storage & Trust Co, 18-19 W North av .....Mt Vernon 230
See our Catalog Space, page 1011

MISSOURI

ST LOUIS

Orcutt Storage Co The, 4729 Easton av..Forest 2648
See our Catalog Space, page 1011

NEBRASKA

OMAHA

Omaha Van & Storage Co, 808 S 16th...Douglas 4163
See our Catalog Space, page 1011

NEW YORK

NEW YORK CITY

Harlem Storage Warehouse Co Inc, 211-13 E 100th ..... Lenox 850
See our Catalog Space, page 1011

UTICA

Utica Carting Co, 69-85 N Genesee.....Utica 777
See our Catalog Space, page 1011

OHIO

CINCINNATI

Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av .....Woodburn 652
See our Catalog Space, page 1011

OKLAHOMA

OKLAHOMA CITY

O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

PENNSYLVANIA

PHILADELPHIA

Atlas Storage Warehouse-Market and 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

SHIPPING TAGS, MNFRS.

ILLINOIS

CHICAGO

International Tag Co, 652 W Lake....Haymarket 675

SHIPYARD & DRY DOCK SUPPLIES

NEW YORK

NEW YORK CITY

Atlantic Sales Co, 29 Broadway.....Whitehall 979

SHIRT MFRS

PENNSYLVANIA

PHILADELPHIA

Laveson L & Son, 237-41 N 6th.....Bell-Market 3750
.....Keystone-Main 168

SHIRT MANUFACTURERS, NEGLIGEE AND FLANNEL

ILLINOIS

CHICAGO

Loewy J & Co (E F Cornell, Rep), 412 S Wells ..... Wabash 5043

NEW YORK

NEW YORK CITY

Loewy J & Co, 594 Broadway ..... Spring 3646

SHODDY AND WOOL EXTRACTS

CONNECTICUT

HAZARDVILLE

Gordon Bros Inc ..... Thompsonville 61-2

SHOE BLACKINGS

PENNSYLVANIA

PHILADELPHIA

Diamond John & Sons, 470 N 3d ..... Market 2155

SHOE BOWS

NEW JERSEY

PATERSON

Columbia Ribbon Co The ..... Paterson 2800
See our Catalog Space, page 1002

SHOE DRESSINGS

MASSACHUSETTS

BOSTON

S & F Blacking Co, 258 Purchase ..... Fort Hill 1531

PENNSYLVANIA

PHILADELPHIA

Diamond John & Sons, 470 N 3d ..... Market 2155

SHOE FINDINGS

DELAWARE

WILMINGTON

DuPont Fabrikoid Company, DuPont bldg ..... Wilmington 1720

ILLINOIS

CHICAGO

Gluck Michael Co Not Inc, 186 N Lasalle ... Main 3876

MICHIGAN

DETROIT

DuPont Fabrikoid Company, Dime Bank bldg ..... Cadillac 5708

NEW YORK

NEW YORK CITY

DuPont Fabrikoid Company, Equitable bldg 120 Bway ..... Rector 5720

SHOE ILLUSTRATORS

ILLINOIS

CHICAGO

Grieco O Commercial Art Co 179 W Washington ..... Franklin 3526

SHOE LACE TIPPING MACHINERY

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles ..... Union 963

SHOE LACES, MANUFACTURERS

ILLINOIS

CHICAGO HEIGHTS

Diamond Braiding Mills, 16th and Union ..... Chicago Heights 1667

MASSACHUSETTS

HOLYOKE

Holyoke Braiding Co The, Montgomery st. Holyoke 2925

SHOE LACES AND SHOE TRIMMINGS

NEW YORK

NEW YORK CITY

Vanity Shoe Lace & Novelty Works The, 63 Varet Bklyn ..... Stagg 4523

SHOE LACES, TAPES, WEBBING AND BELTING

NEW YORK

NEW YORK CITY

American Cord & Webbing Co, 105 Hudson ..... Franklin 4109

SHOE AND LEATHER FINISHES

MASSACHUSETTS

BOSTON

Quinn K J & Co Inc, 80 Batterymarch. Fort Hill 4410

SHOE MACHINERY

NEW YORK

NEW YORK CITY

Fortuna Machine Co, 127 Duane ..... Worth 5354

SHOE MNFRS'. GOODS

MASSACHUSETTS

BOSTON

Brooks & Co Inc, 135 Essex ..... Beach 290
United Stay Co, 53 Wadsworth ..... Cambridge 6717

SHOE MANUFACTURING SITES

MISSOURI

ST LOUIS

St Louis Chamber of Commerce, 510 Locust ..... Bell-Main 4620, Kinloch-Central 7565
See our Catalog Space, page 902

SHOE ORNAMENTS

RHODE ISLAND

PROVIDENCE

Kescot Manufacturing Co, 86 Page ..... Union 6334

SHOE POLISH

NEW YORK

NEW YORK CITY

Bixby S M & Co, 46th and 2d, Bklyn ..... Sunset 4400
Fulton Shoe Polish Co Inc, 289 Pearl .... Beekman 3581

SHOE POLISH COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt ..... John 1625

SHOE POLISHING PASTE

NEW YORK

NEW YORK CITY

Laraia Manufacturing Company, 59 Pearl .. Broad 3060

SHOE SPECIALISTS, FIT ANY FOOT

ILLINOIS

CHICAGO

Hoeffel J F & Son (Latest Styles for Perfect Feet, Broken Arches, Corns, Weak Ankles, Short Limbs), 339 S Wabash av ..... Harrison 3124

SHOES, (EXPORTERS)

ILLINOIS

CHICAGO

Steinberg Norman L & Co, 14 E Jackson bl ..... Harrison 1147

SHOES (FELT)

MASSACHUSETTS

BOSTON

Green Daniel Felt Shoe Co, 100 Summer. Fort Hill 6220

SHOES, (WHOLESALE)

WASHINGTON

SEATTLE

Purcell Lawrence M Co, 806, 3d av ..... Main 667

SHOES, MNFRS.

NEW YORK

NEW YORK CITY

Laird, Schober & Co, Fifth av bldg .... Murry Hill 3406

PENNSYLVANIA

PHILADELPHIA

Laird, Schober & Co, 22nd and Market ..... Bell-Spruce 1711, Keystone-Race 1128

SHOES, MNFRS. (BOYS & MENS)

OHIO

PORTSMOUTH

Excelsior Shoe Co The, Gallia and Campbell av ..... Bell-Main 119, Ohio State 1107

SHOES, MNFRS. (CHILDREN'S STITCH-DOWNS)

NEW YORK

NEW YORK CITY

Hal-Green Co Inc, 55 W 17th ..... Chelsea 2806

SHOES, MNFRS. AND WHOLESALE DEALERS

ILLINOIS

CHICAGO

Smith R P & Sons Co, 224 S Franklin .. Wabash 270

SHOES, WOMEN'S & CHILDREN'S

OHIO

COLUMBUS

Riley Shoe Mfg Co The, 326 S Front ..... Bell-Main 4707 Ohio State 5986

SHOES, MFRS. WOMN'S, MISSES & CHLDRNS—WELTS & McKAYS

PENNSYLVANIA

HARRISBURG

Harrisburg Shoe Mfg Co, 1408 Vernon. Harrisburg 1300

SHOOKS

NEW YORK

NEW YORK CITY

Melcher J R, 25 Beaver..... Broad 3153

SHOP FURNITURE

OHIO

SPRINGFIELD

Western Tool & Mfg Co The, Burt and Pleasant ..... Main 1012

SHORING CONTRACTORS

ILLINOIS

CHICAGO

Crowe Bros, 133 W Washington..... Main 3158
Griestedt L P Co, Tribune bldg..... Randolph 296

NEW YORK

NEW YORK CITY

Griestedt Underpinning Co, Woolworth bldg ..... Barclay 5644

SHORING ENGINEERS

NEW YORK

NEW YORK CITY

Miller Daybill & Co, 308 Av B..... Gramercy 1102

SHOVELS, SPADES & SCOOPS, (MANUFACTURERS)

OHIO

PIQUA

Good Shovel & Tool Company The, Clark and South avs ..... Bell 63

SHOW CARDS

NEW YORK

NEW YORK CITY

Ziser & Co, 100 Nassau..... Beekman 3259
See our Catalog Space, page 1007

SHOW CARDS & PRICE TICKETS FOR WINDOW DISPLAY

ILLINOIS

CHICAGO

Gidy Jos T, 208 W Madison..... Main 5173

NEW YORK

NEW YORK CITY

Gibson Harry Inc (Hand Made, Printed, Lithographed, Any Quantity), 125 Fulton. Beekman 2787
Gold Art Service, 120 W 42d..... Bryant 7786

SHOW CARDS, PRICE TICKETS, SIGNS OF ALL KINDS

ILLINOIS

CHICAGO

New York Sign & Show Card Works, 10 N Clark ..... Main 1117

SHOW CARDS AND SIGNS

ILLINOIS

CHICAGO

McAleer Show Card Service 68 W Washington ..... Central 6760

SHOW CARDS, SIGNS, PLATE PRINTERS, LITHOGRAPHERS

NEW YORK

NEW YORK CITY

Usoskin Ed Inc, 230 W 17th..... Chelsea 6438

SHOW CASES

ILLINOIS

CHICAGO

Crampton Manufacturing Co, 1518 E 53d. Midway 784

INDIANA

KENDALLVILLE

Specialty Display Case Co..... Kendallville 667

NEW YORK

NEW YORK CITY

Manhattan Show Case Co, 345 Canal..... Canal 3766

PENNSYLVANIA

PITTSBURGH

McKain Rodger W Co, 937-939 Liberty av.. Grant 378

SHOW CASES, BANK STORE AND OFFICE FIXTURES

TENNESSEE

KNOXVILLE

Foster W N Show Case Co, 415 State.. Knoxville 3311

SHOW CASES & COUNTER PROTECTIONS

ILLINOIS

CHICAGO

Hanak B B Co, 1338 W Randolph..... Monroe 14
See our Catalog Space, page 1008

SHOW CASES OF EVERY DESCRIPTION

ILLINOIS

CHICAGO

Reliable Store Fixture Co Inc, 448-450 N Wells ..... Franklin 3380

SHOW CASES—OUTDOOR DISPLAY

MASSACHUSETTS

BOSTON

Brink C I Inc, 24 Gold ..... Main 7544 So Boston 91-92

SHOW CASES & STORE FIXTURES

ILLINOIS

CHICAGO

Inter-Ocean Cabinet Co, 822-826 S Paulina. West 3319

OHIO

CINCINNATI

Kruse H Show Case Co The, 238 Main. Main 2095

COLUMBUS

Columbus Show Case Co The, 423 N Grant av ..... Ohio State 3088

SHOW PRINTERS—ENGRAVERS (UNION LABEL)

OHIO

CINCINNATI

Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

SHOWER BATHS, NEEDLE BATH & BATH TUB FIXTURES

DELAWARE

WILMINGTON

Speakman Supply & Pipe Co, 30th and Spruce sts ..... Wilmington 188

ILLINOIS

CHICAGO

Goetz Brass Company, 630 N Franklin... Superior 4320

SHRUBS, ROSES, TREES, FRUIT & ORNAMENTAL

NEW YORK

NEWARK

Moore, William C & Co, Commercial bldg.. Newark 132

SHUTTLES & SHUTTLE IRONS

MASSACHUSETTS

SOUTHBRIDGE

Litchfield Shuttle Co, South st..... Southbridge 200

SIDE BEARINGS RAILWAY

ILLINOIS

CHICAGO

Joliet Railway Supply Co, 40th and Princeton av ..... Drover 2415

SIDEWALK LIGHTS—REINFORCED CONCRETE

DISTRICT OF COLUMBIA

WASHINGTON

Grauer, Albert & Co (Bruner System, Southern Building Supply Co Inc, Rep), 32[illegible]-3246 K st, N W..... West 188

MICHIGAN

DETROIT

Grauer Albert & Co (Bruner System), 216 Columbia E..... Main 2694

NEW YORK

ROCHESTER

Grauer Albert & Co (Bruner System, American Clay & Cement Corpn, Rep), German Insurance bldg ..... Main 3460

SIDEWALK LIGHTS—REINFORCED CONCRETE—CONT'D.

OHIO

AKRON

Grauer Albert & Co (Bruner System, Flower Mantle Co, Rep), 19 S High. Bell-Main 676 Ohio State 1676

COLUMBUS

Grauer Albert & Co (Bruner System, B M Freeman, Rep), Columbus Savings & Trust bldg ..... Bell-Main 5162 Ohio State 9565

DAYTON

Grauer Albert & Co (Bruner System, John A Pool Co, Rep), Schwind bldg ..... Main 622

TOLEDO

Grauer Albert & Co (Bruner System, Building Products Co The, Rep), 222 Sycamore ..... Home-Main 4217 Bell-Main 6297

SIGN & ALL INSIDE & OUT DOOR DISPLAY PRINTERS

ILLINOIS

CHICAGO

Central Printing & Engraving Co, 221 Institute pl ..... Superior 4922

SIGN BOARDS

ILLINOIS

CHICAGO

Chicago Sign Board Co, 163 N Morgan... Monroe 1968

SIGN LETTERS

ILLINOIS

CHICAGO

Spanjer Bros, 1160 Chatham ct..... Diversey 2957

SIGN LETTERS, ELECTRIC—RAISED GLASS

ILLINOIS

CHICAGO

Opalite Sign Co (The) 405 N Wells... Franklin 5519

SIGN MAKERS—INDOOR DISPLAY

NEW YORK

NEW YORK CITY

B & B Sign Co Inc (Glass Cardboard Metal & Small Electric Signs Window Display Attractions Distributing Service), 341-47, 5th av ..... Vandrbilt 5942

SIGN PAINTERS

GEORGIA

ATLANTA

Munn Sign and Advertising Co, 62 N Broad st. Ivy 826

ILLINOIS

CHICAGO

Brouk Peter F & Co, 3933 Colorado av... Kedzie 3942

SIGN PAINTERS' & HANGERS' SUPPLIES

NEW JERSEY

NEWARK

Salzinger Samuel, 97 Broome ..... Market 7382

SIGN & SHOW CARD WRITERS—AIR BRUSHES

ILLINOIS

CHICAGO

Wold Air Brush Mfg Co The, 716 W Madison ..... Monroe 1934

SIGN & SHOW CARD WRITERS' SUPPLIES

ILLINOIS

CHICAGO

Wallbrunn Kling & Co, 327 S Clark..... Wabash 810

SIGNS

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce.. Main 1461
Osgood Signs (Signs Painted, Locally & Nationally), 953 Roscoe..... Lake View 1508
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl ..... Harrison 6878
Pause P & Company, 400-16 W Erie.... Superior 2097

NEW YORK

BUFFALO

Ingram-Richardson Mfg Co, 405 Ellicott sq. Federal 1829
Rodwell Sign Co, 442-446 Niagara..... Tupper 715-R

NEW YORK CITY

Abbott Ready Made Signs, 25 E 26th..... Mad Sq 2685
Ingram-Richardson Mfg Co, 100 Williams... John 2394
Nelke-L-D-Signs-New York, 23 E 26th.... Mad Sq 2686
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray ..... Barclay 5969
Shank E A Sign Co ("Sign Headquarters" every kind for advertising), 19 Park pl.... Barclay 6484
See our Catalog Space, page 1008
Sweeney Sign Printing Co, 251 W 19th. Farragut 4795
See our Catalog Space, page 1008

OHIO

CINCINNATI

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) Spencer av nr. Cleneay Norwood..... Ridge 1475
Quehl Sign Co, 316-318 Main..... Main 2118

SIGNS—ADAMANT

NEW YORK

NEW YORK CITY

Adamant Steel Sign Co, 16 Murray..... Barclay 6484
See our Catalog Space, page 1008

SIGNS—ADVERTISING

NEW YORK

NEW YORK CITY

Shank E A Sign Co, 19 Park pl..... Barclay 6484
See our Catalog Space, page 1008

SIGNS, ALUMINUM AND BRASS ETCHED

ILLINOIS

CHICAGO

Etching Co of Amer, 2526 W Congress..... West 3070

NEW YORK

NEW YORK CITY

Miller & Miller, 17 West 42d..... Vanderbilt 1235

SIGNS—BRASS

MASSACHUSETTS

BOSTON

Hanson Charles M, 323 Tremont..... Beach 6579

SIGNS, BRONZE AND BRASS

ILLINOIS

CHICAGO

Manton & Smith Company, 1709 W Austin av ..... Haymarket 6145

SIGNS, BULLETINS AND MILE POST MNFRS.

ILLINOIS

CHICAGO

American Advertising Service Inc, 123 W Madison ..... Majestic 7567

SIGNS, CHANGEABLE

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co The, 111 New Montgomery ..... Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams. Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway.. Franklin 2411

SIGNS—CHANGEABLE LETTER, CHURCH, THEATRE & COML.

OHIO

ASHTABULA

Ashtabula Changeable Sign Co The, 13 Spring ..... Home Main 138

SIGNS, CLOTH PRINTED

ILLINOIS

CHICAGO

Geraghty & Company, 3035-37 W Lake.... Kedzie 4

SIGNS AND COUNTER DISPLAYS EMBOSSED AND PRINTED

PENNSYLVANIA

PHILADELPHIA

Herold Press The, 15th and Wallace..... Poplar 29

WISCONSIN

MILWAUKEE

Herold Press The, 433 Broadway..... Main 4

SIGNS, DANGER, RAILROADS, MINES, ROAD GUIDES, STREE

ILLINOIS

CHICAGO

Enameled Steel Sign Co, 222 N State.... Central 41

SIGNS, DECALCOMANIA TRANSFER

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce. Main 1461

SIGNS, ELECTRIC

ILLINOIS

CHICAGO

Opalite Sign Co The, 405 N Wells.....Franklin 5519

NEW YORK

NEW YORK CITY

City Electric Sign Co (Builders of Illuminating Signs—Every Description) 444 E 13th. Forsyth 9256

PENNSYLVANIA

PITTSBURGH

Bailey Reflector Company, 617-19-21, 2d av. Court 2162

SIGNS, ELECTRIC—WINDOW DISPLAY

ILLINOIS

CHICAGO

Commercial Utilities Mfg Co, 160 N Wells. Franklin 834

SIGNS, ENAMEL STEEL AND IRON

MISSOURI

ST LOUIS

Missouri Enameling & Mfg Co, 2244 Dickson. Tyler 922

SIGNS, ENAMEL WINDOW LETTERS, NAME & NUMBER PLATES

NEW YORK

NEW YORK CITY

Manhattan Dial Mfg Co, 40 Lexington av, Bklyn .....Prospect 1830

SIGNS, ENAMELED ADVERTISING

ILLINOIS

CHICAGO

Burdick Enamel Sign Co The, 220 S State. Wabash 7458

SIGNS, HIGHWAY

NEW HAMPSHIRE

LEBANON

Lebanon Machine Co,.....Lebanon 186-11

SIGNS & LETTERS FOR WINDOWS & STORE FRONTS

MISSOURI

KANSAS CITY

Kelman F C, 121 W 8th Bell-Main 2906
.....Home-Main 2906

SIGNS, MFGRS. METAL, FLANGE, MUSLIN, FIBRE, CARDBOARD

ILLINOIS

CHICAGO

Enameled Steel Sign Co, 222 N State....Central 4181

MISSOURI

ST LOUIS

Stout Sign Co, 2533 Sullivan av.....Tyler 495

SIGNS—METAL ADVERTISING

MARYLAND

BALTIMORE

Southern Can Co, 717 S Wolfe.....Wolfe 1982

SIGNS, METAL CHANGEABLE LETTER

NEW YORK

NEW YORK CITY

Clark W L Co The, 115 Nassau.....Cortland 3577

SIGNS, NEW PROCESS

CONNECTICUT

NEW HAVEN

Alkart Mfg Co, 375 State.....Liberty 3010

SIGNS OF ALL KINDS, DESIGNERS AND LITHOGRAPHERS

MINNESOTA

MINNEAPOLIS

Collins Advertising Service (Massillon-Cleveland-Akron Sign Co), Lumber Exchange .....Nicollet 5407

SIGNS OF EVERY DESCRIPTION

MASSACHUSETTS

BOSTON

Brink C I Inc, 24 Gold.....Main 7544
.....S Boston 91-92

SIGNS OF EVERY DESCRIPTION, MAKERS AND PAINTERS

MINNESOTA

MINNEAPOLIS

Vedeler H & Co (In the Sign Business Since 1886), 207 S 5th.....Tri-State 34459

SIGNS—ONE PIECE METAL DRILLED IN LETTERS

OHIO

COLUMBUS

Indestructible Sign Co The, 62 E Prescott .....Ohio State 4501

SIGNS, PORCELAIN, ENAMEL, STORE AND DISPLAY (MFRS.)

MINNESOTA

MINNEAPOLIS

Collins Advertising Service (Burdick Enamel Sign Co), Lumber Exchange.....Nicollet 5407

SIGNS & SHOW CARDS—ADVERTISING

ILLINOIS

CHICAGO

Common Sense Novelty Co, 972-982 Montana .....Lincoln 5405

SIGNS, STEEL & WOOD, PAINT PRINTED WOODEN FRAMES

MISSOURI

ST LOUIS

Nager Press Sign Co (12"x36" to 72"x144", quantities only), 500 S Main.....Olive 2390

SILENT CHAINS

NEW YORK

ITHACA

Morse Chain Co, General Office & Works....Ithaca 275

SILICA

ILLINOIS

CHICAGO

Three Products Company, 828 W 37th....Drover 2884

SILICA BRICK

PENNSYLVANIA

CONNELLSVILLE

Soisson Jos Fire Brick Co, 149 Bell-Connellsville 18
W Crawford av S .....Tri State 185

SILICA GRINDERS & PAINT PRODUCTS

OHIO

TOLEDO

National Quartz & Chemical Co The, 1203 Brown av .....Forest 3559

SILICON CARBIDE WHEELS, MANUFACTURERS

OHIO

DAYTON

Dayton Grinding Wheel Co, Summit Bell-Fairview 264
and Negley pl .....Ohio State 2912

SILK (IMPORTERS, CONVERTERS AND DISTRIBUTORS)

ILLINOIS

CHICAGO

Woolf Morris Silk Co, 200 W Adams....Franklin 1536

SILK (MNFRS.)

ILLINOIS

CHICAGO

Heineman Oscar Co, 2701-2745 Armitage av .....Humboldt 761

NEW YORK

NEW YORK CITY

Reiling & Schoen Inc, 260 4th av.....Gramercy 4277
Smith & Kaufmann (Silks, Ribbons and Hat Bands) 19 E 26th.....Mad Sq 9550

SILK (MNFRS. CONVERTERS & DISTRIBUTORS)

NEW YORK

NEW YORK CITY

Schlesinger Max, 108 E 23d..... Gramercy 6306

SILK BOLTING CLOTH

ILLINOIS

CHICAGO

Gump B F Co, 431-437 S Clinton.....Wabash 965

NEW YORK

NEW YORK CITY

Traber A P (Sole Importer Wydler Silk Bolting Cloth) 320-324 Bway.....Worth 2087

SILK CORDS AND TASSELS

NEW YORK

NEW YORK CITY

New York Tassel & Cord Co Inc, 35 Howard.Canal 8618

SILK DYES

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church.....Cortland 1489

SILK FABRICS

NEW YORK

NEW YORK CITY

Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

SILK LAMP SHADES MFG'S.

ILLINOIS

CHICAGO

Silk Shade & Novelty Co, 533 S Wabash av.....Harrison 5310

SILK THROWING

NEW YORK

YONKERS

Littauer L & Co Inc, 179 Riverdale av....Yonkers 3885

SILK UNDERWEAR (LADIES) PETTICOATS

NEW YORK

NEW YORK CITY

Jackson Style Co Inc, 33 E 22d.....Gramercy 4387

SILO MNFRS. (ALL KINDS)

MICHIGAN

SAGINAW

McClure Co The, Hess and Sheridan....Saginaw 315

OHIO

DELAWARE

Perfect Reinforced Cement Silo Co The, West Park av and H V R R.....Citizens 393

SILVER BURNISHING MACHINERY, IMPERIAL

MASSACHUSETTS

BOSTON

Young H G W, 61 Hanover.....Haymarket 2370

SILVER, METAL AND JEWELRY CLEANER

ILLINOIS

CHICAGO

Lindlar M W & Co, (Trade (Revelation) Mark), 4837 Prairie av .....Kenwood 774

SILVER PLATED WARE

NEW YORK

NEW YORK CITY

Bruml Henry Co The, 110 Liberty.....Rector 2083

SILVER PLATED WARE, TO RENT

ILLINOIS

CHICAGO

Boetter Jean, 1931 S Wabash av.....Calumet 478

SILVER & PLATED WARES ALSO HOTEL & PREMIUM SILVER

CALIFORNIA

SAN FRANCISCO

Wallace R & Sons Mfg Co (W L Glenn Mgr), 85 Post .....Douglas 1179

CONNECTICUT

WALLINGFORD

Wallace R & Sons Mfg Co, ... Wallingford 193

ILLINOIS

CHICAGO

Wallace R & Sons Mfg Co, (R W Morris Mgr), 10 S Wabash av.....Randolph 2714

NEW YORK

NEW YORK CITY

Wallace R & Sons Mfg Co, (R A Clinchy Mgr), 411, 5th av.....Murray Hill 8616

PENNSYLVANIA

PHILADELPHIA

Wallace R & Sons Mfg Co, (C E Hodges Mgr), 925 Chestnut.....Walnut 1397

SILVER—REFINERS AND DEALERS IN STERLING AND FINE

NEW YORK

NEW YORK CITY

Handy & Harman, 59 Cedar.....John 4338

SILVERSMITHS

CALIFORNIA

SAN FRANCISCO

Rogers Lunt & Bowlen Co, 140 Geary....Kearney 5851

ILLINOIS

CHICAGO

Rogers Lunt & Bowlen Co, Kesner bldg 5 N Wabash av.....Central 605

MASSACHUSETTS

GREENFIELD

Rogers Lunt & Bowlen Co, Federal and Norwood .....Greenfield 85

NEW YORK

MOUNT VERNON

Hayes Wm Co, 54 S 3d av.....Mt Vernon 367

Mount Vernon Company, Silversmiths Inc The .....Mt Vernon 644

NEW YORK CITY

Rogers Lunt & Bowlen Co, 15 Maiden la .....Cortland 3178

SILVERWARE FOR HOTELS AND CONFECTRS (NICKEL—SILVER)

NEW YORK

NEW YORK CITY

Nietman Louis, 172-174 Lorimer, Bklyn.Wmsburg 393

SILVERWARE FOR HOTELS, RESTAURANTS & LUNCH ROOMS

NEW YORK

NEW YORK CITY

Gotham Silver Co Inc, 209-13 West 48th..Bryant 642

SILVERWARE, HANDMADE

ILLINOIS

CHICAGO

Petterson Studio The, (Specialize in made-to-order gifts), 1926 S Wabash av....Calumet 31

SILVERWARE MNFRS (PLATED HOLLOW WARE)

CONNECTICUT

MIDDLETOWN

Middletown Silver Co, Hubbard.....Middletown 794

New York Salesroom, 15 Maiden la..Cortland 28

SILVERWARE MNFRS (STERLING)

NEW YORK

NEW YORK CITY

Anco Silver Co, 29-31 E 22d .....Gramercy 26

SILVERWARE, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison.....Main 3

SINK STRAINERS

ILLINOIS

ROCKFORD

Andrew Wire & Iron Co (Mrs Vrooman), 1802 Preston .....Main

SINKS, PANTRY

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av...Vanderbilt

SIPHON MNFRS.

NEW JERSEY

HOBOKEN

N Y Bottlers' Supplies Mfg Co, 1208-1214 Willow av ..... Hoboken 1058

SISAL EXTRACTING MACHINERY

NEW YORK

NEW YORK CITY

Prieto Machine Co, 289 Pearl..... Beekman 3581

SKATES

ILLINOIS

CHICAGO

Chicago Roller Skate Co, 1353 Fulton..... Monroe 3408

SKEWER AND CANDY STICK MFRS. (MAPLE, HICKORY, GUM)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av..... Greeley 4820

SKIRT BELTINGS

NEW JERSEY

PATERSON

Columbia Ribbon Co The, Belmont av Hldn ..... Paterson 2800

See our Catalog Space, page 1002

SKIRTS (WASH.)

NEW YORK

NEW YORK CITY

Freedman Skirt Co, Bush Terminal bldg No 20, Bklyn..... Sunset 3811

SKYLIGHT COVERS—WIRE

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn..... Prospect 7688

SKYLIGHT GEARING

NEW YORK

NEW YORK CITY

Weiss H & Co, 83 John..... Beekman 540

SKYLIGHTS

ILLINOIS

CHICAGO HEIGHTS

Mater John & Co, 5 Illinois..... Chicago Heights 235

NEW YORK

NEW YORK CITY

Chrystie Cornice & Skylight Works Inc The, 189 Chrystie ..... Orchard 5867
Keppler Glass Constructions Inc, 101 Park av ..... Murray Hill 7156

SKYLIGHTS (GALVANIZED IRON)

INDIANA

EVANSVILLE

International Steel & Iron Co, Edgar and Cleveland av ..... Evansville 477

SKYLIGHTS (PUTTYLESS)

CONNECTICUT

BRIDGEPORT

Drouve G Company The, 44 Drouve..... Barnum 540

MARYLAND

BALTIMORE

Vaile & Young, Calvert and Beaufort.... St Paul 4713

SKYLIGHTS (REINFORCED CONCRETE)

DISTRICT OF COLUMBIA

WASHINGTON

Grauer Albert & Co (Grauer System, Southern Building Supplies Co Inc, Rep), 3200-3246 K st N W..... West 188

MICHIGAN

DETROIT

Grauer Albert & Co (Grauer System), 216 Columbia E ..... Main 2694

NEW YORK

ROCHESTER

Grauer Albert & Co (Grauer System, American Clay & Cement Corpn, Rep), German Insurance bldg ..... Main 3460

OHIO

AKRON

Grauer Albert & Co (Grauer System, Flower Mantle Co, Rep), 19 S High. Bell-Main 676 Ohio State 1676

COLUMBUS

Grauer Albert & Co (Grauer System, B M Freeman, Rep), Columbus Svgs & Trust bldg..... Bell-Main 5162 Ohio State 9565

DAYTON

Grauer Albert & Co (Grauer System, John A Pool Co, Rep), Schwind bldg.... Main 622

TOLEDO

Grauer Albert & Co (Grauer System, Building Products Co The, Rep), 222 Sycamore ..... Bell-Main 6297 Home-Main 4217

SKYLIGHTS (SHEET METAL)

TEXAS

SAN ANTONIO

Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

SKYLIGHTS (STEEL)

MINNESOTA

ST PAUL

St Paul Roofing, Cornice & Ornament Co, S Wabasha and Water.. Bell-Robie 800 Tri State 25855

SKYLIGHTS AND GENERAL SHEET METAL WORK

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle..... Main 758

SLASHING MACHINERY

NEW YORK

COHOES

Cohoes Iron Foundry & Machine Co The, 87 Van Rensselaer..... Cohoes 46

SLATE

ILLINOIS

CHICAGO

Davis Slate & Mfg Co, 618 E 40th..... Oakland 6880

SLATE (MANUFACTURERS)

NEW YORK

NEW YORK CITY

American Slate Works Inc, (Manufacturers of Marble, Slate & Tile) 514 E 138th. Forsyth 9235
New York Slate Works The, 255 E 138th. Melrose 3253
Rising & Nelson Slate Co (Miners, Dealers All Kinds Roofing Slate) 101 Park av... Vanderbilt 4880

SLATE FOR ROOFING

MISSOURI

ST LOUIS

Williams Jas E, 1548 S Vandeventer av ..... Bell-Grand 4454 Kinloch-Victor 129

SLEDGES & HAMMERS

OHIO

WARREN

Warren Tool & Forge Co The, P O Box 410 ..... Warren 1162

SLIDE ADVERTISING IN MOTION PICTURE THEATRES

NEW YORK

NEW YORK CITY

Novelty Slide Co, 115 E 23d..... Gramercy 3672

OHIO

CINCINNATI

Runey Show Print, 216 W Liberty..... Canal 2415

SLIDE DOOR HARDWARE, SHOW & WALL CASE

NEW YORK

NEW YORK CITY

Voigt Albert Mfg Co, 40-42 S 8th, Bklyn. Wmsburg 2227

SLIDES

ILLINOIS

CHICAGO

Chicago Transparency Co, 143 N Dearborn. Central 5424
Columbia Slide Co, 19 S Wells..... Franklin 3904

NEW YORK

NEW YORK CITY

Scott & Van Altena, 6 East 39th..... Vanderbilt 5062

SLIDES MICA GLASS

NEW YORK

NEW YORK CITY

Greater New York Slide Co Inc, 154 W 45th. Bryant 2825

SLIPPER MANUFACTURERS

NEW YORK

NEW YORK CITY

Brooklyn Slipper Co The (Slippers, Bathing Shoes, Bare-foot Sandals) 181-189 Belmont av, Bklyn ..... East N Y 5382

SLIPPER ORNAMENTS

NEW YORK

NEW YORK CITY

Rothschild & Co, 30 W Houston ..... Spring 8736

SLIPPERS

MASSACHUSETTS

BOSTON

Green Daniel Felt Shoe Co ("Comfy"), 100 Summer ..... Fort Hill 6220

NEW YORK

NEW YORK CITY

Stone K M Importing Co (Footwear, Oriental and Domestic Novelties), 12 East 22d..Gramercy 122

SLIPPERS, FELT & KNIT

MASSACHUSETTS

WORCESTER

Wiley-Bickford-Sweet Co The, 60 King.....Park 2291

SLITTING AND REWINDING MACHINERY

MASSACHUSETTS

BOSTON

Meisel Press Mfg Co, 961 Dorchester av.Dorchester 710
See our Catalog Space, page 958

NEW YORK

NEW YORK CITY

Cameron Machine Co, 61 Poplar, Bklyn.....Main 343

SLOT MACHINES

ILLINOIS

CHICAGO

Industry Novelty Co, 2901-3-5-7 Indiana av .....Calumet 4
Keeney & Sons Co, 2901-5 Indiana av..Calumet 440
Mills Novelty Co, Jackson and Green.....Monroe 2017
Watling Mfg Co, 1029-1035 W Adams...Monroe 465

SLUGS—TELEPHONE PATENTED

ILLINOIS

CHICAGO

Yale Slot & Slug Co, 179 W Washington...Main 4698

SMELTERS

MARYLAND

BALTIMORE

Union Smelting & Refining Co, Inc se cor Howard and Ostend .....South 1230
See our Catalog Space, page 1008

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008

NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles and av L.....Market 828
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NEW YORK

NEW YORK CITY

Standard Smelting & Refining Co, 547-549 W 43d .....Farragut 3630
Union Smelting & Refining Co Inc, 604 604 E 139th.....Gramercy 6699
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SMELTERS AND REFINERS

ILLINOIS

CHICAGO

Chicago Metal Reduction Co, 20 W Jackson bl .....Harrison 2392
Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615
Harris Benj & Co, 1359 W 21st.....Canal 1870
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380
Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668
Metal Products Co, 100 South Jefferson.Haymarket 7166

MICHIGAN

DETROIT

Peninsular Smelting Co, 1385 W Jefferson av.Cedar 2760

NEW YORK

NEW YORK CITY

Hess Barney, 92-96 Van Dyke, Bklyn...Hamilton 178

OHIO

CINCINNATI

American Smelting & Refining Co, 9th and Freeman .....West 698

CLEVELAND

Atlas Metal Co, 2651 East 75th....Bell-Rosedale 4195
..... Ohio State-Princeton 881

SMELTERS AND REFINERS (WHITE METAL DROSSES)

NEW YORK

NEW YORK CITY

Central Smelting & Refining Co, 137th and Rider av .....Melrose 4185
Lissberger Marks & Son Inc, 281 Borden av L I C.....Hunters Point 1497

SMELTERS—SPELTERS, SLAB AND SHEET ZINC

ILLINOIS

LASALLE

Matthiesen & Hegeler Zinc Co, 9th and Sterling .....Lasalle 8

SMELTING AND MELTING FURNACES

ILLINOIS

BELLEVILLE

U S Smelting Furnace Co, 1300 Grand av .....Belleville 162

SMOKE STACKS

ILLINOIS

CHICAGO

Downey T F Boiler Works, 321-323 W Austin av .....Franklin 1949

MISSOURI

JOPLIN

Vaughan & Son Boiler & Machinery Co, 512-516 Grand av.....Home 455

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church..Cortland 6424
Standard Sheet Metal Works (Sheet Iron Work of every description) 1 Canal pl.Melrose 9412

SMOKE STACKS AND BOILER BREECHINGS

NEW YORK

NEW YORK CITY

Century Ventilating Co Inc, 257 Third av .....Gramercy 4560

SMOKE STACKS & BREECHINGS

ILLINOIS

BELLEVILLE

Southern Boiler Works, Race and 6th..Belleville 108

CHICAGO

Acme Boiler & Tank Co, 48th and Aberdeen.Yards 7409
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland .....Lincoln 4533

TEXAS

BEAUMONT

Dollinger John Jr Inc, 1001 Railroad av.Beaumont 1267

HOUSTON

Tofte Boiler & Sheet Iron Works, 78 Schump .....Preston 476

SMOKE STACKS AND FLUES—STEEL

NEW YORK

NEW YORK CITY

Fogarty Michael Inc, 531 W 33d.....Greeley 3461

SMOKE STACKS (STEEL) AND GENL. SHEET & PLATE WORKS

ILLINOIS

QUINCY

Michlemann Steel Construction Co, Second and Hampshire ..... Main 58

SMOKE STACKS STEEL (SELF-SUPPORTING OR GUYED)

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main and Grove .....Main 6

SMOKE STACKS—TANKS—NEW AND REBUILT

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 37

SMOKELESS FURNACES FOR STEAM BOILERS

ILLINOIS

CHICAGO

McMillan James & Co, 114 Clarkson ct.Garfield 87

SMOKERS' ARTICLES

NEW YORK

NEW YORK CITY

Hamilton Pipe Wks Inc, 18-20 Sackett st, Bklyn .....Hamilton 1
Schimper William & Co, 38 Union sq West .....Stuyvesant

SMOKERS' ARTICLES (BRASS) IN ENAMEL COLORS

NEW YORK

NEW YORK CITY

Schlesinger Leo & Co, 64-68 Wooster....Spring 7781

SNAP BUTTONS AND SNAP BUTTON ATTACHING MACHINES

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 48-47 West 24th st .....Farragut 3730

SNAP FASTENERS

NEW JERSEY

NEWARK

Specialty Products Co, 494 Mulberry....Waverly 2967

SOAP CHIPS

NEW YORK

NEW YORK CITY

Thomson J M & Co Inc, 521 Broome.....Spring 3720

SOAP COLORS

NEW YORK

NEW YORK CITY

Morgan William J, 6 Platt.....John 1625

SOAP DIES AND BOX PRINTING DIES

ILLINOIS

CHICAGO

Cooney & Bueter, 507 W Jackson bl....Harrison 2009

SOAP DISPENSERS

NEW YORK

NEW YORK CITY

Merrill Chas, 100 Lafayette.....Franklin 3947
Re-Be Soap Co Inc, 1 Union sq.....Stuyvesant 929

SOAP MAKERS RAW MATERIALS FOR PERFUMERY

NEW YORK

NEW YORK CITY

Erasynth Laboratories Inc, 231 Pearl.....John 5303

SOAP MATERIALS—TALLOW, GREASE, ETC.

NEW YORK

NEW YORK CITY

Leh Jas H & Ambrose Inc, New York Produce Exchange ..... Broad 961

SOAP MILL MFRS.

CONNECTICUT

MIDDLETOWN

Lion Bros Inc, 1-21 Sumner.....Middletown 173

SOAP—RAW MATERIALS

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

SOAPS

ILLINOIS

CHICAGO

Fairbank N K Co, 111 W Washington..Franklin 5600

MASSACHUSETTS

BOSTON

India Alkali Works, 28 India Wharf.....Main 6230

NEW YORK

NEW YORK CITY

Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433
Holbrook Mfg Co The, Coles and 18th, Jersey City .....Cortland 4518

PENNSYLVANIA

PHILADELPHIA

National Milling & Chemical Co, Fox Chase.Ogontz 116

SOAPS & CHEMICALS

PENNSYLVANIA

PHILADELPHIA

Klock & Company, 1309 Arch.....Spruce 5075

SOAPS AND GREASES

MICHIGAN

DETROIT

Detroit Soluble Oil Co, 173 Larned W.....Main 5418

SOAPS—HARD AND LIQUID

FLORIDA

TAMPA

United Chemical Co The, 1403 Franklin..Tampa 3151

SOAPS, LAUNDRY SUPPLIES, CLEANING COMPOUNDS

MINNESOTA

ST PAUL

Minnesota Chemical Company, Bell-Midway 245
Minnesota Transfer .....Tri-State 82139

SOAPS, LIQUID (ANTISEPTIC)

MICHIGAN

DETROIT

American Janitor Supply Co, 313-315 Jefferson av E .....Main 1582

SOAPS, LIQUID, OIL & SOFT

MINNESOTA

ST PAUL

Ideal Sanitary Supply Co, 504 N ..Bell-Midway 5594
Snelling av .....Tri State 81288

SOAPS, MNFRS.

ILLINOIS

CHICAGO

Fairchild M H & Bro, 6 and 8 W Austin av.Central 1555
Holman Soap Co, 3104-3118 Fox ..... Yards 5150

NEW YORK

NEW YORK CITY

Granite City Soap Company Inc (Specialty Private Brands. Also Boiler Compounds) 129 Broadway ..... Rector 9174

SYRACUSE

Robertson J T Co The, 147 Richmond av.James 870

SOAPS, MNFRS, AUTO SOAPS

ILLINOIS

CHICAGO

Robertson Theo B Products Co Inc (Original 20th Century), 700-704 W Division..Diversey 4110

SOAPS, MNFRS.—HAND

MASSACHUSETTS

WESTFIELD

Git Manufacturing Co, 92 Franklin...Westfield 497-W

SOAPS, MNFRS, LIQUID

ILLINOIS

CHICAGO

Holman Soap Co, 3104-3118 Fox ..... Yards 5150

NEW YORK

NEW YORK CITY

Clifton Chemical Co, 317-318 Greenwich...Worth 1680
Frank P M Disinfecting Co, 91 Bleecker..Spring 8250

SOAPS MFRS. LIQUID, SURGICAL AND AUTO SOAPS

WASHINGTON

TACOMA

Tacoma Soap Mfg Co, 756-758 Market.....Main 1520

SOAPS, MNFRS.—RAW MATERIAL

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market.....Main 733

SOAPS, MFRS.—SPECIALTIES IN LIQUID AND HARD SOAPS

MASSACHUSETTS

BOSTON

Flash Chemical Co, 160 Second.....Cambridge 5970

SOAPS, SCOURING & SCOURING POWDER, MFRS. & EXPORTERS

NEW YORK

NEW YORK CITY

Domestic Soap Mfg Co, 118-119 Sixth L I C.....Hunters Pt 3816

SOAPS, TOILET, LAUNDRY & POWDERS

ILLINOIS

CHICAGO

Holman Soap Co, 3104-3118 Fox ..... Yards 5150

SOCIETY GOODS

ILLINOIS

CHICAGO

Gleason T C & Co, 173 W Madison.....Main 60

SOCIETY & LODGE PARAPHERNALIA MNFRS.

ILLINOIS

CHICAGO

Goodell James M Jr Inc, 150 N Laramie av.Austin 119

SODA (CAUSTIC, SOLID FUSED 74-76 PERCENT)

NEW YORK

NEW YORK CITY

Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

SODA (SILICATE, SAL AND CAUSTIC)

ILLINOIS

CHICAGO

Central Commercial Co 111 N Market.....Main 733

SODA (TRI-SODIUM PHOSPHATE—CAUSTIC SODA—SODA ASH)

NEW YORK

NEW YORK CITY

Thomson J M & Co, Inc, 521 Broome Spring 3720

SODA ASH

NEW YORK

NEW YORK CITY

Partola Mfg Co, 160, 2d av.....Orchard 8346
Thomson J M & Co, Inc, 521 Broome....Spring 3720
U S Chemical Exchange, 59 Pearl.....Broad 7250

SODA ASH—CAUSTIC SODA

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn av .....Diversey 4410
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SODA FOUNTAIN APPARATUS MFRS.

PENNSYLVANIA

PHILADELPHIA

Prouty L A Co Inc, 1029 Ridge av....Bell-Poplar 832
.....Keystone-Race 2798

SODA FOUNTAIN FRUITS, SYRUPS AND SUPPLIES

ILLINOIS

CHICAGO

Seidel Ad & Sons, 1245-1257 Garfield av.Lincoln 241
Sellers Company, 718-724 N Curtis....Monroe 6780

SODA FOUNTAIN PARTS, MNFRS.

ILLINOIS

CHICAGO

Bastian-Blessing Co The, 125-131WAustinFranklin 1717

SODA FOUNTAINS

NEW YORK

NEW YORK CITY

Braunstein Bros Soda Fountain Co, 195-201 Canal .....Franklin 2881

SODA FOUNTAINS, MANUFACTURERS

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d .....Bell-Cedar 2640
.....Tri State 26726

NEW YORK

NEW YORK CITY

Petigor M H, 216 E 42d.....Vanderbilt 5512

SODA FOUNTAINS—NEW OR USED

ILLINOIS

CHICAGO

Reliable Store Fixture Co Inc, 448-450 N Wells.....Franklin 3380

SODER—SEE SOLDER

SODIUM ACETATE

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727

SODIUM BENZOATE

NEW YORK

NEW YORK CITY

Tower Chemical Co Inc, 258 Broadway..Barclay 4777

SODIUM CYANIDE

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn avDiversey 4410
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SODIUM—NITRATE

ILLINOIS

CHICAGO

Ele-Kem Company, 1508-1516 Clybourn av.Diversey 4410
See our Catalog Space, page 930

SODIUM PHOSPHATE, MONO-BASIC, DIBASIC, TRIBASIC

NEW YORK

NEW YORK CITY

Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

SOFT METAL HAMMER MOLD

INDIANA

LA FAYETTE

Horat J, 417-423 Ferry .....Bell-Lafayette 228
.....Ind-Lafayette 3228

SOIL PIPE

ALABAMA

ANNISTON

Central Foundry Co The, 10th and Montrose ..... Anniston 5
See our Adv., Outside Back Cover

BESSEMER

Central Foundry Co The, 730, 22d .....Bessemer 4
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HOLT

Central Foundry Co The .....Tuscaloosa 93
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CALIFORNIA

SAN FRANCISCO

Central Foundry Co The, Rialto bldg....Kearney 195
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GEORGIA

ATLANTA

Central Foundry Co The, Trust Co of Ga bldg .....Ivy 474
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ILLINOIS

CHICAGO

Central Foundry Co The, 332 S Michigan av .....Harrison 218
See our Adv., Outside Back Cover

INDIANA

VINCENNES

Central Foundry Co The, 1719 N 2nd.....Main 5
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MARYLAND

BALTIMORE

Central Foundry Co The, Dundalk.....Wolfe
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MASSACHUSETTS

BOSTON

Central Foundry Co The, 105 Cummings..Roxbury 13
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MISSOURI

KANSAS CITY

Central Foundry Co The, Commerce bldg....Main 46
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NEW JERSEY

NEWARK

Central Foundry Co The, ft of Lockwood..Market 62
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NEW YORK

MEDINA

Central Foundry Co The, Glenwood av..Medina 277
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NEW YORK CITY

Central Foundry Co The, 90 West st.....Rector 1
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PENNSYLVANIA

LANSDALE

Central Foundry Co The,.....Lansdale
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TEXAS

DALLAS

Central Foundry Co The, Praetorian bldg...Main
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SOLDER

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce ..... Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

Chicago Smelting & Refining Co, 1856 W 21st ..... Canal 4615
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk ..... Harrison 6628
See our Adv., page 32, first page opposite Section 1

MARYLAND

BALTIMORE

Union Smelting & Refining Co Inc, se cor Howard and Ostend ..... South 1230
See our Catalog Space, page 1008

MICHIGAN

DETROIT

Union Smelting & Refining Co Inc, Campau bldg ..... Cadillac 4691
See our Catalog Space, page 1008
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort E ..... Cadillac 2828
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NEW JERSEY

NEWARK

Union Smelting & Refining Co Inc, St Charles and Av L ..... Market 828
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NEW YORK

NEW YORK CITY

Central Smelting & Refining Co, 137th and Rider av ..... Melrose 4185
Lissberger Marks & Son Inc, 281 Borden av L I C ..... Hunters Point 1497
Union Smelting & Refining Co Inc, 604-608 E 19th ..... Gramercy 6699
See our Catalog Space, page 1008
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Broadway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway ..... Rector 5083

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Union Arcade ..... Grant 5979
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SOLDER, BAR & WIRE

MISSOURI

ST LOUIS

Hertz Theo Metal Co, 8009 Alaska av ..... Bell-Riverside 134 Kinloch-Laclede 17

SOLDER MNFRS. LEAD, SPELTER & BABBITT METAL

NEW YORK

NEW YORK CITY

Standard Smelting & Refining Co, 547-549 W 21st ..... Farragut 3630

SOLDER, SOLDERING, FLUXES

ILLINOIS

CHICAGO

Allen L B Co Inc, 4517 to 4529 N Lincoln ..... Ravenswood 2975

SOLDER TOOLS, GAS (SELF HEATING)

ILLINOIS

CHICAGO

Allen L B Co Inc ("New Allen") 4517 to 4529 N Lincoln ..... Ravenswood 2975

SOLDERING FLUID—NON CORROSIVE

NEW JERSEY

JERSEY CITY

Alfred Spice Process, 26 Florence ..... Bergen 4737

NEW YORK

NEW YORK CITY

Callahan Geo & Co 218 Front ..... Beekman 3893

SOLDERING FLUXES—NON ACID

ILLINOIS

CHICAGO

Garden City Laboratory Inc, 161 W Harrison ..... Harrison 3916

SOLDERING FLUXES, STICKS, PASTE, SALTS, LIQUID

ILLINOIS

CHICAGO

Allen L B Co Inc ("Allen") 4517 to 4529 N Lincoln ..... Ravenswood 2975

PENNSYLVANIA

NORTH EAST

Burnley Battery & Mfg Co The, Clay ..... North East 26-W

SOLE LEATHER

GEORGIA

ATLANTA

Alexander Bros, 102 N Pryor ..... Ivy 4979

ILLINOIS

CHICAGO

Alexander Bros, 9 S Clinton ..... Franklin 4140

NEW YORK

NEW YORK CITY

Alexander Bros, 149 Broadway ..... Cortland 4750

PENNSYLVANIA

PHILADELPHIA

Alexander Bros, 414 N 3d st ..... Bell-Market 2783
..... Keystone-Main 4196
Penn Leather Co, 322-24 N 3d ..... Bell-Market 177
..... Keystone-Main 2862

SOLES, WOOL & SATIN

CONNECTICUT

HARTFORD

Wiley-Bickford-Sweet Co The, 80 Pliny ..... Charter 3182

SOLUBLE COTTON SOLUTION

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Bway ..... Rector 5727

SOLUBLE OIL BASE

OHIO

CLEVELAND

Metalene Chemical Co The, Soc for Sav Bldg ..... Main 1371

SOLUBLE OILS

OHIO

BEDFORD

Franklin Oil & Gas Co The ..... Bell-Bedford 68
..... Ohio State-Union 288

SOLVENT NAPTHA

NEW YORK

NEW YORK CITY

Du Pont Chemical Works, Equitable bldg 120 Bway ..... Rector 5727

SOOT BLOWERS

ILLINOIS

CHICAGO

Vulcan Soot Cleaner Sales Co ("Vulcan") 230 S Lasalle ..... Wabash 6601

SOUNDINGS

MASSACHUSETTS

SOMERVILLE

Burt Wm H Co, 32 Glen ..... Somerville 665-M

SOUVENIRS

NEW YORK

NEW YORK CITY

Bruml Henry Co The, 110 Liberty ..... Rector 2083

SOUVENIRS—BALLOONS—LARGE LINE ADV. NOVELTIES

NEW YORK

NEW YORK CITY

Caldwell, William & Co, 96 Warren ..... Barclay 6265

SOUVENIRS, BALLOONS, PAPER HATS, NOISE MAKERS

NEW YORK

NEW YORK CITY

House of Souvenirs, 840 Broadway ..... Stuyvesant 265

SOUVENIRS—LEATHER GOODS

NEW YORK

NEW YORK CITY

Simmons N, 37 E 12th ..... Stuyvesant 210

SOUVENIRS, SHORT STORY BOOKLETS

NEW YORK

NEW YORK CITY

Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other [illegible] novelties, for children and grown-ups. Cards and Toys), 461 [illegible] ..... Greeley 1010
See our Catalog Space, page 997

SPARK PLUG EXTENSIONS

OHIO

CINCINNATI

C & A Spark Plug Extension Co, 1548 Brewster av ..... Woodburn 863

SPARK PLUGS

IOWA

MARSHALLTOWN

Motor Accessories Mfg Co..... Marshalltown 550

NEW YORK

AUBURN

Auburn Ignition Manufacturing Co, 3 Franklin ..... Auburn 1190-W

MOUNT VERNON

Benford Mfg Co ..... Mt Vernon 3300

OHIO

CLEVELAND

Reflex Ignition Co, 1708 Payne av N E... Prospect 1986

DAYTON

Siebert Engineering Co The, 131 E Third... Main 9184

SPARK PLUGS & AUTOMOBILE ACCESSORIES—MNFRS.

OHIO

DAYTON

Quartz Spark Plug Co The, 1004 West 3d ..... Bell-Main 8415 Ohio State 4481

SPECIAL MACHINERY

CONNECTICUT

STAMFORD

Muench George, 50-56 Pacific..... Stamford 466

ILLINOIS

CHICAGO

Saal H G Company, 1808-1810 Montrose av ..... Ravenswood 730
See our Catalog Space, page 941

NEW JERSEY

HOBOKEN

Nilson-Miller Co, 1300 Hudson..... Hoboken 36

NEW YORK

MOUNT VERNON

Westchester Machine Co, 8-10 Brookdale pl ..... Mt Vernon 3332

RHODE ISLAND

PROVIDENCE

Harris-Corliss Engine Works, Providence... Union 1857

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co..... Dunbar 1998

SPECIAL MACHINERY DESIGNED AND BUILT

ILLINOIS

CHICAGO

Redington F B Co, 112-114 S Sangamon. Haymkt 681

MICHIGAN

DETROIT

R-B-L Company, 265 Jefferson av E..... Cherry 271

SPECIAL MACHINERY—JIGS, TOOLS & GAUGES, MNFRS.

CONNECTICUT

HARTFORD

McIntyre Machine Works, 76 Grove..... Charter 4219

MICHIGAN

DETROIT

Mail-O-Meter Company, 1097 E Jefferson av ..... Edgewood 1084

SPECIAL PAPERS

NEW YORK

WATERFORD

Gilbert Frank Paper Co, Kings Canal. Waterford 183
See our Catalog Space, page 992

SPECIAL TOOLS

MICHIGAN

DETROIT

Arrow Tool & Reamer Co, 332 Artillery av. Cedar 2793

OHIO

CLEVELAND

Cleveland Milling Machine Co, 18511 Euclid av..... Bell-Nottingham 152 Ohio State-Wood 61

SPECIAL WOODWORK

ILLINOIS

CHICAGO

La Pierre Henry M Co, 1314 W 21st..... Canal 3137
See our Catalog Space, page 1026

SPECIALTIES—BRASS & STEEL, MADE TO ORDER

CONNECTICUT

NAUGATUCK

Russell John M Mfg Co The Inc..... Naugatuck 454

SPECTACLES, SHELL RIMMED OR RIMLESS

NEW YORK

ROCHESTER

Kirstein E Sons Co, 242 Andrew..... Main 1764

SPEEDOMETER CASING & SHAFTING

NEW JERSEY

NEWARK

Breeze Manufacturing Company The, 248-250 South ..... Market 4734

SPEEDOMETERS

ILLINOIS

CHICAGO

Stewart Warner Speedometer Corp, 1826 Diversey blvd ..... Lake View 6000

ELGIN

Van Sicklen Co The, 14 Chicago..... Elgin 2380

NEW YORK

NEW ROCHELLE

Jones Speedometer The, Cedar and Orchard ..... New Rochelle 2720

SPELTER

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce ..... Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

Kramer H & Co, 1324-1344 W 21st pl.... Canal 3380
McAndrews W T, 2143 Carroll av..... West 547
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk ..... Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort E ..... Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West..... Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Broadway..... Barclay 8215
See our Adv., page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway..... Rector 5083

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Union Arcade ..... Grant 5979
See our Adv., page 32, first page opposite Section 1

SPICES

MINNESOTA

MINNEAPOLIS

McLaughlin, Gormley King Co, 1715, 5th S E ..... Bell-East 643 Tri State 41295

NEW YORK

NEW YORK CITY

Lincoln John W & Co, 106 Wall..... John 298
McLaughlin Gormley King Co, 207 Pearl..... John 536

SPICES, RICE, TAPIOCA FOR EXPORT, POTATO & RICE FLOUR

NEW YORK

NEW YORK CITY

Armstrong Chas E, 5 State..... Bowling Green 9190

SPINDLES, WOOD

INDIANA

SOUTH BEND

Stephenson Mfg Co, 168 E Tutt..... Main 20

SPIRAL CHUTES

ILLINOIS

CHICAGO

Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 78

PENNSYLVANIA

PHILADELPHIA

Haslett Spiral Chute Co The (Belt Conveyors, Vertical Lifts, Roller Conveyor) se cor Westmoreland and 23d ..... Tioga 335

SPIRAL CONVEYORS, GRAVITY, MERCHANDISE

PENNSYLVANIA

ELLWOOD CITY

Mathews Gravity Carrier Co.....Ellwood City 201

SPIRAL GRAVITY CHUTES

ILLINOIS

CHICAGO

Minnesota Manufacturers Association, 549 W Washington .....Main 2605

MINNESOTA

NORTH ST PAUL

Minnesota Manufacturers Association, North St Paul .....North St Paul 168

NEW YORK

NEW YORK CITY

Minnesota Manufacturers Association, 30 Church .....Cortland 4541

SPOKES (WIRE)

OHIO

CLEVELAND

National Screw & Tack Co The, Stanton av S E and C & P R R.....Rosedale 5728

SPOKES (WIRE FOR BICYCLES & AUTOMOBILES)

CONNECTICUT

ESSEX

iley Pratt & Co .....Saybrook 54-2

SPONGES

FLORIDA

KEY WEST

iehaus Jos Co The (H F Whalton Agt) 900 Duval .....Key West 506

TARPON SPRINGS

iehaus Jos Co The (D E Zurdos Agt) .....

ILLINOIS

CHICAGO

eek-American Sponge Co 300 W Randolph cor Franklin .....Main 2225

NEW YORK

NEW YORK CITY

nerican Sponge & Chamois Co Inc (Established 1869—Importers & Exporters) 73-75 Wooster .....Spring 3832

ch Albert & Sons, 101 Barclay.....Barclay 5279

ls H M Sponge Co Inc (Rock Island Sponges Direct from Fisheries. We sell Service and Purity.—Not Price. By the Piece Our Specialty) 1966 Bway.....Columbus 9270

OHIO

CINCINNATI

haus Jos Co The, 341 W 4th.....Main 537

PENNSYLVANIA

PHILADELPHIA

haus Jos Co The (Chas B Solly Agt) Drexel bldg.....Bell-Lombard 2700 Keystone-Main 2184

SPONGES AND CHAMOIS

NEW YORK

NEW YORK CITY

is Samuel, 73 Barclay.....Barclay 5406

SPONGES, CHAMOIS & AUTOMOBILE WASHERS' SUPPLIES

MINNESOTA

MINNEAPOLIS

Northwestern Selling Agency, 116 S 8th .....Bell-Nicollet 5618 Tri State 33974

SPOOL AND BOBBIN MNFRS.

VERMONT

BURLINGTON

Vermont Spool & Bobbin Co, South Champlain .....Burlington 992

SPOOL COTTON

NEW YORK

NEW YORK CITY

Cairo Thread Works, 105--113 Wooster...Spring 3771

SPOOL COTTON & THREADS

NEW YORK

NEW YORK CITY

Brodsky M & Co Inc, 625 Bway.....Spring 6624

SPOOL SILK, ALL MANUFACTURING TRADES

ILLINOIS

CHICAGO

Holland Mfg Co (Royal F Huhn Co, Agt) 178 W Jackson bl.....Wabash 2555

MASSACHUSETTS

BOSTON

Holland Mfg Co, 79 Summer.....Beach 4047

MISSOURI

ST LOUIS

Holland Mfg Co (Hayne-Surridge D G Com Co Agt) 1017 Lucas av.....Main 879

NEW YORK

NEW YORK CITY

Holland Mfg Co, 685 Broadway.....Spring 646

OHIO

CINCINNATI

Holland Mfg Co (D L Decker, Agt) 4th Natl Bank bldg, 18 E 4th.....Main 2559

PENNSYLVANIA

PHILADELPHIA

Holland Mfg Co, 36 S 3d.....Lombard 3328

SPOOLS—WOOD FOR WIRE—SPECIAL

ILLINOIS

CHICAGO

Lapierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

SPORTING GOODS

ILLINOIS

CHICAGO

Evans H C & Co, 1528 W Adams.....Haymarket 7630

NEW YORK

NEW YORK CITY

Everlast Mfg Co (Mnfrs of Baseball Uniforms and Bathing Suits, Supplies for Summer Sports) 275 Bowery .....Orchard 5416

OHIO

CINCINNATI

Remelin Co The, 130 Main.....Main 27

SPORTING GOODS MFRS. (WOODEN) HOCKEY

CONNECTICUT

CENTRAL VILLAGE

Torrey Bros Co The.....Central Village 62-2

SPORTING GOODS, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison.....Main 3482

NEW YORK

NEW YORK CITY

Shulman & Sons, 109-111 Ludlow.....Orchard 5827

SPORTING SHOES—MANUFACTURERS

OHIO

AKRON

Majestic Rubber Co The, 901 South High .....Bell-Main 2925

SPOT WELDING

OHIO

CINCINNATI

Liston Spot Welding Co, 3921 Spring Grove av .....Park 1869

SPRAYERS—AIR BRUSH

ILLINOIS

CHICAGO

Paasche Air Brush Co, 1219 Washington bl .....Haymarket 7480

Wahl Air Brush Mfg Co The, 716 W Madison .....Monroe 1934

SPRING BEDS, STEEL COUCHES, DAVENPORTS, MATTRESSES

TENNESSEE

NASHVILLE

Anchor Spring & Bedding Co, Cor Main and First .....Main 642

SPRING MOTORS & MECHANICAL TOY GEARS

CONNECTICUT

NEW HAVEN

Hodgson Mfg Co, 1041 State.....Liberty 1503

SPRING OILERS

CALIFORNIA

SAN DIEGO

G L W Spring Oiler Co, Sayoy Theatre....Home 3268

OHIO

CLEVELAND

Brown Spring-Oiler Co The, 6911 Carnegie S E.....Rosedale 3836

SPRING STEEL IN BARS, COILS AND SHEETS

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

SPRING WASHERS

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main.....Bristol 670

SPRING WATER

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E F McCombs) Citizens Natl Bank bldg .....
See our Adv. on Backbone and Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The.....Hyland 12
See our Adv. on Backbone and Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H st N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep) 36 State.....Central 8750
See our Adv. on Backbone and Catalog Space, page 980

MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, rep), 403 N 3d ..... Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone and Catalog Space, page 980

NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The, 225, 5th av.....Madison Sq 903
See our Adv. on Backbone and Catalog Space, page 980

SPRINGS

NEW YORK

NEW YORK CITY

Fischer Chas Spring Co, 473-485 Kent av Bklyn .....Wmsburg 4477
See our Catalog Space, page 1009

SPRINGS—COILED WIRE

OHIO

SPRINGFIELD

Springfield Spring Co The, 1600 E Pleasant ..... Bell-Main 4194 Ohio State 580

SPRINGS, CUSHION & BACK, AUTOMOBILE, CARRIAGE, ETC.

MICHIGAN

JACKSON

Jackson Cushion Spring Co, 710 Water...Jackson 468

SPRINGS FLAT (ALL KINDS)

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main.....Bristol 670

SPRINGS—FLAT LEAF

MICHIGAN

MOUNT CLEMENS

Superior Steel Spring Co, Woods..Mount Clemens 815

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg..Main 6933

SPRINGS, MNFRS.

ILLINOIS

CHICAGO

Advance Spring & Wire Co, 1749 Carroll av.West 3895
Gibson Wm D Co The, 1802 Clybourn av.Diversey 4242

NEW JERSEY

NEWARK

Wilson Spring Co The Inc, 320 Market..Market 948

NEW YORK

MT VERNON

Farrington & Co, 28-30 Grand.....Mt Vernon 190-W

NEW YORK CITY

Coil Spring Co, 242 Canal.....Franklin 5072
Eureka Spring Co The, 150 Bleecker.....Spring 7539
L & W Spring Co, 211-215 Centre.... ..Canal 8977
Morris Elmer P, 136 Liberty.....Rector 826
New York Wire & Spring Co (Specialists in Vanadium Steel Springs, Highest Efficiency Under the Most Exacting Specifications) 586-588 Washington .....Spring 8496
Nonpareil Spring Co, 319-21 Palmetto Bklyn .....Evergreen 2967
United Spring Co (Manufacturers of High Grade Springs for All Purposes; Special Springs to Order) 206 Centre .....Canal 8665

PENNSYLVANIA

PITTSBURGH

American Spiral Spring & Mfg Co, 56th and Butler .....Fisk 627

SPRINGS, WIRE

OHIO

CLEVELAND

Cuyahoga Spring Co The, 16006 Waterloo rd.Eddy 3860

WISCONSIN

MILWAUKEE

Cuyahoga Spring Co The, (Clayton W Root Agt) 680 Cramer.....Lake 3831

SPRINGS, WIRE (ALL KINDS)

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main.....Bristol 670

SPRINKLER SYSTEMS (AUTOMATIC)

ILLINOIS

CHICAGO

Aetna Fire Sprinkler Co, 9 S Clinton....Franklin 4720

SPRINKLER TANKS

ILLINOIS

CHICAGO

Hamler Boiler & Tank Co, 3906 S Halsted.Yards 947

SPRINKLERS, AUTOMATIC, CHEMICAL

NEW YORK

NEW YORK CITY

Fire Fighting Devices Co (Non freezing, non-destroying) 70, 5th av .....Chelsea 7070

SPRINKLERS UNIT AUTOMATIC

NEW YORK

NEW YORK CITY

Fire Fighting Devices Co (Non-freezing, non-destroying) 70, 5th av .....Chelsea 7070

SPROCKET & CHAIN MFRS, STANDARD CAST IRON & CUT TOOTH

NEW YORK

BUFFALO

Union Chain & Mfg Co The, (R F Mosedale, rep) 716 Marine Bank bldg.Seneca 177

OHIO

SEVILLE

Union Chain & Mfg Co The.....Star 3

PENNSYLVANIA

PHILADELPHIA

Union Chain & Mfg Co The (E M Fletcher, rep) 1309 Arch.....Spruce 507

SPROCKET MANUFACTURERS—MACHINERY

ILLINOIS

CHICAGO

Cullman Wheel Co, 1344 Altgeld.....Lincoln 85

SPROCKET WHEELS

ILLINOIS

CHICAGO

Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 504

SPROCKETS AND CHAINS

ILLINOIS

CHICAGO

Pyott Co, 955 Carroll av.....Haymarket 63

SPUN SILK MACHINERY

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles.....Union 9

SQUARES (STEEL AND TRY) MNFRS.

CONNECTICUT

SOUTHINGTON

Southington Hardware Co, 168 Center.Southington 52

SQUARES, STEEL

IOWA

OTTUMWA

Nicholls Mfg Co, Main & Wapello.....Ottumwa 701

STABLE FITTINGS

NEW YORK

NEW YORK CITY

Fiske J W Iron Works, 78-80 Park pl...Barclay 6730

STABLE FIXTURES

ILLINOIS

CHICAGO

mith F P Wire & Iron Works, 54 W Lake.Central 438

ROCKFORD

ockford Steel Fixture Co, 1318 Woodruff av.Main 2102

MICHIGAN

DETROIT

olles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

TACKS & BREECHINGS—SMOKE

ALABAMA

BIRMINGHAM

awford-Vaughan Boiler & Locomotive Works, 1405 Av E South.....Main 6164

TACKS—GUYED AND SELF SUPPORTING

GEORGIA

MACON

ofield's J S Sons Co, Baundra & Hammond .....Macon 982

TACKS—STEEL, SELF SUPPORTING AND GUYED

OHIO

ALLIANCE

ves Brothers Co The, 338 Rush Bell-Alliance 31
.....Ohio State 3268

TACKS, TANKS AND DREDGE PIPE

PENNSYLVANIA

LANCASTER

aster Iron Works Inc, Hager Bell-Lancaster 2
& Prince .....Ind-Lancaster 272

AGE LIGHTING

NEW YORK

NEW YORK CITY

y Reflector Company, 489, 5th av.Vanderbilt 3044

STAINED GLASS WINDOWS

ILLINOIS

CHICAGO

Daprato Statuary Co, 762-770 W Adams..Monroe 1775

STAINED AND LEADED GLASS

PENNSYLVANIA

PITTSBURGH

Pittsburgh Art Glass Co, Warden and McCartney sts W E.....Walnut 198

STAINS

ILLINOIS

CHICAGO

Harrison Works (owned and operated by E I du Pont de Nemours & Co), 2001 Mendell .....Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (owned and operated by E I du Pont de Nemours & Co), 918, 4th .....Nicollet 567

NEW YORK

NEW YORK CITY

Harrison Works (owned and operated by E I du Pont de Nemours & Co), 80 Maiden Lane .....John 6444
Montauk Paint Mfg Co, 170-172, 2d av Bklyn .....South 5076

PENNSYLVANIA

PHILADELPHIA

Harrison Works (owned and operated by E I du Pont de Nemours & Co), 35th st and Gray's Ferry rd.....Dickinson 50

STAINS (COLORS FOR)

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

STAINS FOR SHOE AND LEATHER MFRS.

MASSACHUSETTS

BOSTON

S & F Blacking Co, 258 Purchase.....Fort Hill 1531

STAIR TREADS (SAFETY)

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50 Church.Cortland 7444

STAIRS, FIRE PROOF

ILLINOIS

CHICAGO

Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

STAIRS, IRON, SPIRAL & STRAIGHT

NEW YORK

NEW YORK CITY

Gerdes & Company Inc (Ornamental Iron Work, Fences, Railings, Grilles), 28 Church.Cortland 7673

STAIRWAYS, IRON & STEEL

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant & Davis.....Mt Vernon 980

OHIO

CLEVELAND

Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

STAIRWAYS, STEEL CIRCULAR

OHIO

CLEVELAND

Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

STAMP AFFIXERS AND ENVELOPE SEALERS

ILLINOIS

CHICAGO

Mail-O-Meter Sales Company, 39 S LaSalle .....Randolph 1673

MASSACHUSETTS

SOMERVILLE

Standard Stamp Affixer Mfg Co The (also manufacture the Standard Envelope Sealer) .....Somerville 2910

MICHIGAN

DETROIT

Mail-O-Meter Sales Company, 1097 E Jefferson av .....Edgewood 1084

NEW YORK

NEW YORK CITY

Lyon Orrin S Co (Hand and Power Machines, Sold, Exchanged) Metropolitan bldg 1 Madison av ..... Gramercy 1150
Mail-O-Meter Sales Company, Pulitzer bldg .....Beekman 3816

STAMP PAD MNFRS.

NEW JERSEY

ELIZABETH

Fulton Specialty Co, 128-142 Fulton....Elizabeth 1649

STAMPERS & EMBOSSERS

NEW YORK

NEW YORK CITY

Benze Bros Co Est 1890, 110-112 Fifth av.Chelsea 8310

STAMPING ANYTHING IN METAL

ILLINOIS

CHICAGO

Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941

STAMPING ANYTHING IN SHEET METAL

ILLINOIS

CHICAGO

Barker H J & Co, 101 N Jefferson.....Main 2784
Blomfeldt & Rapp Co, 108-128 N Jefferson .....Monroe 3981
Moore & Company, 301 W Grand av....Superior 1819

STAMPING ANYTHING IN SHEET METAL—CONTINUED

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th.Erie 1295-M

PITTSBURGH

McDowell Mfg Co The, Stanton av....Millvale 49

WISCONSIN

MILWAUKEE

Milwaukee Stamping Co, 300, 64th Av West Allis .....W Allis 62

OSHKOSH

Schloemer Mfg Co, 388-392 Division....Oshkosh 3156

STAMPING, DRAWING, SPINNING, POLISHING & PLATING

NEW JERSEY

JERSEY CITY

Hudson Metal Mfg Co Inc, 141 R R av cor Burrow .....Montgomery 3788

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th.Erie 1295-M

PARKESBURG

Parkesburg Stamping & Mfg Co, 1st av & Church .....Parkesburg 42

STAMPINGS

OHIO

DAYTON

Pasteur-Chamberland Filter Co, 408 Ray....East 23

PENNSYLVANIA

PHILADELPHIA

Gasket Supply Co, 1729 Ludlow.....Spruce 2280
See our Catalog Space, page 957

STAMPINGS (FLAT LIGHT)

OHIO

CLEVELAND

Cuyahoga Spring Co The, 16606 Waterloo rd .....Eddy 5860

STAMPINGS AND DIES

ILLINOIS

ROCKFORD

Rockford Metal Specialty Co, 720 S Main..Main 1066

KENTUCKY

LOUISVILLE

Brakmeier Bros, 136 S 5th.....Home-City 5704

MICHIGAN

LUDINGTON

Handy Things Mnfg Co, Ludington av...Ludington 166

NEBRASKA

BEATRICE

Kee-P-D Mfg Co.....Beatrice 761-W

STAMPINGS AND DROP FORGINGS

OHIO

ALLIANCE

Trumbull Williams Steel Forging Corp, West Liv .....Bell-Alliance 1000 Ohio State 2249

STAMPINGS, HEAVY STEEL

MICHIGAN

DETROIT

Detroit Pressed Steel Co, 1800 Mt Elliott av .....Ridge 4100

STAMPINGS, LIGHT AND HEAVY—AND LIGHT MANUFACTURING

ILLINOIS

DE KALB

Kohler Die & Specialty Co, Cortland rd....Main 58

STAMPINGS, METAL

PENNSYLVANIA

PITTSBURGH

Gem Manufacturing Co, Goebel near Fulton .....Cedar 2233

STAMPINGS, METAL, TOOLS AND SPECIAL DIES

MICHIGAN

YPSILANTI

Crossman Stamping Co The, 308 River.Ypsilanti 127-M

STAMPINGS, SMALL METAL

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main.....Bristol 670

ILLINOIS

CHICAGO

Pheoll Manufacturing Co, 5702 W 12th.Columbus 300

STAMPS, LETTERS & FIGURES (STEEL) MNFRS

ILLINOIS

CHICAGO

R & S Engraving & Die Works, 522 S Clinton .....Wabash 7571

NEW YORK

NEW YORK CITY

Keene Fred.H, 149 Church.....Barclay 7195

STAMPS, RUBBER

NEW YORK

NEW YORK CITY

Everson & Reed Co, 88 Chambers.....Barclay 8098

STAMPS, RUBBER AND STEEL

MISSOURI

ST LOUIS

Kasper Stamp & Seal Co, 822 Locust Bell-Main 638 .....Kinloch-Cent 3017

STAMPS, STEEL MNFRS.

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bowery Bell-Main 4951 .....Ohio State 2583

STAND PIPES FOR WATER WORKS AND RAILROADS

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush Bell-Alliance 31 .....Ohio State 3268

STAND PIPES, STEEL

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway .....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove .....Main 694

STAPLE BINDERS AND STAPLES

NEW YORK

NEW YORK CITY

Cook M S, 253 Bway.....Barclay 6926
See our Catalog Space, page 1009

STARCH

ILLINOIS

CHICAGO

Williamson Glue & Gum Works, 220-222 W Huron .....Superior 8395

STARCH AND DEXTRINE

NEW YORK

NEW YORK CITY

National Gum & Mica Co, 59th & 11th av .....Columbus 9760

STATIONERS

NEW YORK

NEW YORK CITY

O'Brien J J & Son, 122 E 23d.....Gramercy 5920

STATIONERS (MNFRS.)

TEXAS

FORT WORTH

Reimer Co The, 500 Travis.....Lamar 2400

STATIONERS (MNFG.& WHSLE.)

NEW YORK

NEW YORK CITY

Beegee Co, (Erasers, Clutch Pencils & Specialties), 1133 Bway.....Farragut 8383
See our Catalog Space, page 910

STATIONERS (RETAIL)

ILLINOIS

CHICAGO

Horder's Stationery Stores, 108 N Lasalle. Franklin 3204
Stevens Maloney & Co, 21 S Lasalle.....Central 3186

STATIONERS (WHOLESALE)

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Mad.....Main 3482
Stationers Supply & Mfg Co Inc, 27 N Franklin .....Franklin 3204

NEW YORK

NEW YORK CITY

Enlow Co Inc, 362 Bway.....Franklin 1414

STATIONERS BANK & COMMERCIAL

NEW YORK

NEW YORK CITY

Wilbur & Hastings, 82 Fulton.....Beekman 1777

STATIONERS, BRASS AND GLASS DESK ACCESSORIES

NEW YORK

NEW YORK CITY

Schlesinger Leo & Co, 64-68 Wooster....Spring 7781

STATIONERS, MFG.—LOOSE LEAF

ILLINOIS

CHICAGO

McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

STATIONERS, OFFICE SUPPLIES, OFFICE & BANK EQUIPMENT

ALABAMA

BIRMINGHAM

Roberts & Son, Mnfg Stationers, 1810-12, 3d av N.....Main 8461

STATIONERS AND PRINTERS

MICHIGAN

DETROIT

Gregory Mayer & Thom Co, Cadillac Square.Main 5246

Richmond & Backus Co The, 111-113 Woodward av .....Cherry 4700

OHIO

CINCINNATI

Ullenborg Stationery & Printing Co, 319 Walnut .....Man 1229

Woodrow Co The, 726 Main.....Canal 833

STATIONERS' SUPPLIES, PUNCHES, SOAP DISPENSERS

NEW YORK

NEW YORK CITY

Grill Chas, 100 Lafayette.....Franklin 3947

STATIONERY

OHIO

CINCINNATI

Stifield & Woods Co The, Third and Plum.Main 953

PENNSYLVANIA

PITTSBURGH

Stifield & Woods Co The, 338, 3d av....Court 1310

STATIONERY AND SCHOOL SUPPLIES—WHOLESALE

NEW YORK

NEW YORK CITY

Ullman & Sons, 109-111 Ludlow.....Orchard 5827

STATIONERY—SEALING WAX

ILLINOIS

PRINCETON

Princeton Sealing Wax Co.....Princeton 2234

STATUARY

ILLINOIS

CHICAGO

Daprato Statuary Co, 762-770 W Adams..Monroe 1775

NEW YORK

NEW YORK CITY

Daprato Statuary Co, 51 Barclay.....Barclay 6598

OHIO

CINCINNATI

Moriconi Statuary Co, 242 Main.....Main 3784

STATUARY (WHOLESALE)

MICHIGAN

DETROIT

Giovanni Montemagni, 590 Michigan av....Grand 643

STATUARY & FLOWER BOXES

OHIO

CINCINNATI

Castrucci Co The, 707-709 Broadway.....Canal 4436

STATUARY, PLASTIC REPRODUCTION OF ALL DESCRIPTION

ILLINOIS

CHICAGO

Chicago Statuary Mfg Co, 476 Milwke av.Monroe 3285

STAVE MACHINERY

TENNESSEE

NASHVILLE

Estes F L Manufacturing Co, 221, 4th av S.Main 4516

STAVES, HEADING AND HOOPS

ILLINOIS

CHICAGO

Henning E Inc, 39 S LaSalle.....Randolph 5732

NEW YORK

NEW YORK CITY

Melcher J R, 25 Beaver.....Broad 3153

STEAM BOILERS

NEW JERSEY

PATERSON

Smith Samuel & Son Co, 130-150 R R av.Paterson 4200

STEAM BOILERS, BUILT AND REPAIRED

RHODE ISLAND

PROVIDENCE

R I Boiler Works, 392 Fountain.....Gaspee 1314-W

STEAM BOILERS, REPAIRING A SPECIALTY

INDIANA

INDIANAPOLIS

Sinker Davis Co The, 230-250 S Missouri .....Bell-Main 415 Automatic 23-415

NEW YORK

NEW YORK CITY

Fogarty Michael Inc, 531 W 33d.....Greeley 3465

STEAM CONDENSERS

NEW YORK

NEW YORK CITY

Whinery S B, 95 Liberty.....Cortlandt 5326

STEAM & ELECTRICAL EQUIPMENT

PENNSYLVANIA

PHILADELPHIA

Toomey Frank Inc, 127-31 N 3d.....Market 261

STEAM ENGINES

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st, Spring to Commerce ..... Bell-Shreveport 851 Home-Shreveport 679

STEAM FITTERS

ILLINOIS

CHICAGO

Graves Heating Co, 162 N Desplaines.Haymarket 2310

Kroeschell Bros Co, 440-472 W Erie....Superior 8680

Schampel & Dougherty, 175 W Washington.Main 2272

NEW YORK

NEW YORK CITY

Lieblich H & Co, 653 W 181st.....St Nichls 2870

STEAM FITTINGS

OHIO

CLEVELAND

Smolensky M Mfg Co The, 2108 Superior av N W .....Main 1505

STEAM GAGE REPAIRING

PENNSYLVANIA

PITTSBURGH

Pennsylvania Gage & Repairing Co, Imperial Power bldg.....Court 2192

STEAM HEATING SPECIALTIES MNFRS.

CONNECTICUT

NEW BRITAIN

Beaton & Cadwell Mfg Co The, 159 Main ..... New Britain 1080

STEAM & HOT WATER HEATING

NEW YORK

YONKERS

Williams & Cullinan, 26 Dock.....Yonkers 2220

STEAM JOINT CEMENT

NEW YORK

NEW YORK CITY

Callahan Geo & Co, (Callahan's Old Reliable Steam Joint Cement) 218Front.Beekman 3893

STEAM & MILL SUPPLIES

MARYLAND

BALTIMORE

Crook H E Co Inc, 28 Light.....St Paul 510

STEAM & OIL SEPARATORS

PENNSYLVANIA

ERIE

Sims Co The, 19th and Whitley av.....Bell-Erie 2542
.....Mutual 2607

STEAM PACKING—WHOLESALE AND RETAIL

NEW YORK

NEW YORK CITY

Strong Machinery & Supply Co, 21Walker.Franklin 5530

STEAM PIPE AND BOILER COVERING

ILLINOIS

CHICAGO

Ajax Pipe & Boiler Covering Co, 9 W 22d.Calumet 4019

STEAM PIPE SLEEVES, ADJUSTABLE

ILLINOIS

CHICAGO

Haines Co The, 1933 W Lake.....Seeley 4023

STEAM SHOVELS

ALABAMA

BIRMINGHAM

Donahoo J F Co, Jefferson Co Bank bldg..Main 1740

ILLINOIS

CHICAGO

Marsh-Bothe Machinery Co, 37 W VanBuren .....Harrison 2746
Marsh George C & Co, 37 W Vanburen...Harrison 5799
Moore Bros, 39 S Lasalle.....Majestic 7396

PENNSYLVANIA

PITTSBURGH

Pittsburgh Machinery & Equipment Co, Fulton bldg ..... Grant 3047

STEAM SPECIALTIES

ILLINOIS

CHICAGO

Kelly-Derby Co, 122 S Michigan av....Harrison 3325

OHIO

CLEVELAND

Anderson V D Co The, 1935 West 96th ..... Bell-Edgewater 765
.....Ohio State-Lorain 765

STEAM TRAPS

CALIFORNIA

SAN FRANCISCO

Corliss Valve Steam Trap (O M Simmons Co) Holbrook bldg, 58 Sutter.....Douglas 5497

ILLINOIS

CHICAGO

Corliss Valve Steam Trap (Oscar J West) Peoples Gas bldg, 122 S Michigan av.....Harrison 156

INDIANA

INDIANAPOLIS

Corliss Valve Steam Trap (Chas E Wehr) Hume-Mansur bldg ..... Main 5441

MASSACHUSETTS

BOSTON

Corliss Valve Steam Trap (Blanchard & Butler) 70 High.....Fort Hill 2552

MICHIGAN

THREE RIVERS

Armstrong Machine Works.....Three Rivers 183-2R

MISSOURI

KANSAS CITY

Corliss Valve Steam Trap (Franklin Williams), R A Long bldg..... Bell-Main 1280
.....Home-Main 5320

NEW YORK

NEW YORK CITY

Corliss Valve Steam Trap (Plant Engineering & Equipment Co) 6 Church.....Cortland 6451

TROY

Corliss Valve Steam Trap (Fred K Blanchard) 422 River .....Troy 355

PENNSYLVANIA

PHILADELPHIA

Corliss Valve Steam Trap (Coleman-Shoemaker & Mead, Inc) Commercial Trust bldg.....Spruce 978

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021
McAuley Automatic Trap Co The, 3d and Penn ..... Court 2361

STEAM TURBINES

NEW YORK

NEW YORK CITY

Whinery S B, 95 Liberty.....Cortland 5326

STEAMER RUGS

NEW YORK

NEW YORK CITY

Curtis & Von Bernuth Mfg Co, 88 West Bway ..... Barclay 7110
See our Catalog Space, page 916

STEAMSHIP AGENTS

ALABAMA

MOBILE

Page & Jones, Bank of Mobile bldg.....Mobile 416
See our Catalog Space, page 1007

NEW YORK

NEW YORK CITY

Cosmopolitan Shipping Company Inc, 115 Broadway .....Rector 7850
Kleppe, Ostervold & Co Inc, 11 Broadway .....Bowling Green 9178

STEAMSHIP BROKERS

NEW YORK

NEW YORK CITY

New York Ship Brokerage Co Inc, 30 East 42d.....Murray Hill 3558

STEAMSHIP BROKERS & AGENTS

LOUISIANA

NEW ORLEANS

Duhn S J Shipping Co Inc The, Hennen bldg .....Main 3265

STEAMSHIP ELECTRICAL FIXTURES

NEW YORK

NEW YORK CITY

Coates-Kendall Corporation, 50 Church..Cortland 6864
See our Adv., opposite title page Catalog Section

STEAMSHIP LINES & AGENCIES

ILLINOIS

CHICAGO

Cunard Steam Ship Co, Ltd The, 140 N Dearborn, Cunard bldg.....Central 2050
Lyons Railroad & Steamship Ticket Ofc, 310 S Clark.....Wabash 1759

STEAMSHIP SUPPLIES

NEW YORK

NEW YORK CITY

Kessel Henry A Company, 25 Pearl.....Broad 3325

STEARIC ACID

NEW YORK

NEW YORK CITY

Gross A & Co, 90 West.....Rector 1521

STEEL

COLORADO

DENVER

Federal Tool & Alloyed Steel Corp, Boston bldg .....Champa 420

ILLINOIS

CHICAGO

Federal Tool & Alloyed Steel Corp, 217 N Desplaines .....Monroe 530
Spear William H Co, First Nat Bank bldg.Central 77

LOUISIANA

NEW ORLEANS

Federal Tool & Alloyed Steel Corp, Metropolitan bldg .....Main 43

MASSACHUSETTS

BOSTON

Federal Tool & Alloyed Steel Corp, 201 Devonshire .....Main 328

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 675
Brushaber C H & Co Inc, 30 Church .....Cortland 186
Century Steel Co of America Inc, 120 Bway.Rector 619
Chandler & Floyd Inc, 501 Fifth av..Murray Hill 37
Darwin & Milner Inc, 156 Broadway.....Cortland 19
Federal Tool & Alloyed Steel Corp, 12 Platt..John 649
Pope Trading Corp Inc, 90 West.....Rector 247

ROCHESTER

Strong Homer (Large Warehouse Stock Cold Rolled Steel), 301-307 State.....Main 2

OHIO

CLEVELAND

Federal Tool & Alloyed Steel Corp, 1280 Ontario ..... Main 4599

PENNSYLVANIA

PHILADELPHIA

Federal Tool & Alloyed Steel Corp (R M Baily Co) Commercial Trust bldg..... Spruce 566

STEEL—ALLOY

OHIO

CANTON

United Alloy Steel Corporation Bell-Main 3200
..... Ohio State 1293

STEEL—ANGLES & CHANNELS

OHIO

CLEVELAND

Elyria Iron & Steel Co The, 232 East 131st. Eddy 3700

STEEL—AUTOMOBILE

OHIO

CANTON

United Alloy Steel Corporation Bell-Main 3200
..... Ohio State 1293

STEEL BALLS

ILLINOIS

CHICAGO

Standard Roller Bearing Co, 2206 S Michigan av ..... Calumet 243

INDIANA

INDIANAPOLIS

Standard Roller Bearing Co, Hume-Mansur bldg ..... Main 4045

MASSACHUSETTS

BOSTON

Standard Roller Bearing Co, 163 Mass av. Back Bay 3300

MICHIGAN

DETROIT

Standard Roller Bearing Co, 936 Woodward av ..... Glendale 4829

NEW YORK

NEW YORK CITY

Acme Bearings Co, 1790 Broadway.... Columbus 5930
Gwilliam Co The, 253 W 58th..... Columbus 8355
New York Bearings Co, 311 West 59th.. Columbus 736

PENNSYLVANIA

PHILADELPHIA

Standard Roller Bearing Co, 50th & Lancaster av ..... Belmont 550

STEEL BARRELS

NEW YORK

NEW YORK CITY

Fragesser John, Steam Copper Works, 447-457 W 26th ..... Chelsea 8140

STEEL BARS

MASSACHUSETTS

BOSTON

Tucker Edward A Co, 683 Atlantic av.... Beach 4670

STEEL-BARS & FLATS

OHIO

CLEVELAND

Elyria Iron & Steel Co The, 232 East 131st. Eddy 3700

STEEL BARS—ROUND SQUARES, TWISTED SQUARES

NEW YORK

NEW YORK CITY

Sweets Steel Company (J H Finch, district sales mngr) 2 Rector ..... Rector 440

OHIO

CLEVELAND

Cushman H D Co, Rockefeller bldg..... Main 1871

PENNSYLVANIA

PHILADELPHIA

Sweets Steel Company, Land Title bldg.. Locust 147

WILKES BARRE

Sweets Steel Company, Miners Bank bldg ..... Wilkes Barre 3667

WILLIAMSPORT

Sweets Steel Company, 25 W 3d.. Williamsport 1286

STEEL BARS AND STRUCTURAL SHAPES

OHIO

LIMA

Roberts Supply Co, Opera House blk..... Main 3345

STEEL, BOLTS, BARS, NUTS, SHEETS, SCREWS, SHAFTING

MISSOURI

ST LOUIS

Heimbuecher Jno H Metals Co, 514 N Third ..... Bell-Main 1037
Kinloch-Central 2382

STEEL CASTINGS

NEW YORK

NEW YORK CITY

Detroit Steel Casting Co (P J Ryan, Rep) 30 Church ..... Cortlandt 1809

OHIO

CINCINNATI

Cincinnati Steel Castings Co The, 1220 Queen City av..... West 2772

OREGON

PORTLAND

Electric Steel Foundry, 24th and York ..... Bell-Marshall 325
Automatic-A1426

PENNSYLVANIA

PITTSBURGH

Duquesne Steel Foundry Co, Arrott bldg.... Court 3106

WISCONSIN

MILWAUKEE

Falk Company The, ft of 30th..... West 4622
Gerlinger Steel Casting Co, 60th & National avs ..... W Allis 19
Standard Crucible Steel Casting Co, 717-723, 30th ..... Kilbourn 241
Wehr Steel Company, 45th av, & C & N W Ry Tracks ..... West Allis 268

STEEL CASTINGS (ELECTRIC & CONVERTER STEEL CASTINGS)

OHIO

DAYTON

Dayton Steel Foundry Co The, S Broadway Main 2076

STEEL CASTINGS ACID OPEN HEARTH

OHIO

CANTON

Canton Steel Foundry Co, Allen av S E & B & O R R..... Bel-Main 3530
Ohio State 3483

STEEL CASTINGS, ALL KINDS, PLAIN OR MACHINED

NEW YORK

NEW YORK CITY

Pennell J F, 45 Bway..... Rector 2729

STEEL CASTINGS, ELECTRIC

INDIANA

INDIANAPOLIS

Electric Steel Co of Indiana, Main and Speedway ..... Belmont 400

TEXAS

BEAUMONT

Beaumont Iron Works Co, Crockett New Beaumont 15
and Avenue A ..... Old Beaumont 15

STEEL COLD DRAWN

CANADA

HAMILTON, ONTARIO

Union Drawn Steel Co, Victoria av S... Hamilton 1486

ILLINOIS

CHICAGO

FitzSimons Co The (John Keleher District Sales Mgr) 935 Lafayette Pkway..... Ravenswood 3761
Union Drawn Steel Co, 564 W Adams... Franklin 4280

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress..... Main 7000
See our Catalog Space, page 1009
Union Drawn Steel Co, 95 Milk..... Fort Hill 2518
Wetherell Bros Co, 31 Oliver..... Main 969

MICHIGAN

DETROIT

Dean Higgins & Co, Dime Bank bldg..... Cherry 5364
Union Drawn Steel Co, 69 Jos Campau av... East 3394

MINNESOTA

MINNEAPOLIS

Fleck H V & Co, Lumber Exchange bl ..... Bell-Nicollet 1431
Tri State 32-475

MISSOURI

KANSAS CITY

Weyer W S, New England bldg ..... Bell-Main 2931-W
Home-Main 293[illegible]

NEW YORK

BUFFALO

Union Drawn Steel Co, Wilmot Bldg..... Seneca 1958

NEW YORK CITY

FitzSimons Co The (Howard Caterson, Dist Sales Mgr) 17 Battery pl..... Rector 9676
Union Drawn Steel Co, 460 Washington... Canal 9260

STEEL COLD DRAWN—CONT'D.

OHIO

CANTON

United Alloy Steel Corporation ..... Bell-Main 3200 Ohio State 1293

CINCINNATI

Moesta & Ruehrwein, Hulbert blk ..... Canal 3398
Union Drawn Steel Co (C R Talbott Mnfg Co, Reps), Spring Grove and Spring ..... West 4545

CLEVELAND

FitzSimons Co The (C E Lowe, Dist Sales Mgr), 310 Carlyon rd ..... Eddy 232

TOLEDO

Dean Higgins Co The, Ohio bldg ..... Bell-Main 266 Ohio State-Main 174

YOUNGSTOWN

FitzSimons Co The, 1623 Wilson av .. Bell-Main 476 Ohio State 3115

PENNSYLVANIA

BEAVER FALLS

Moltrup Steel Products Co ..... Beaver Falls 730
Union Drawn Steel Co, 7th av ..... Beaver Falls 671

PHILADELPHIA

FitzSimons Co The (John W Moon, Dist Sales Mgr) 1420 Chestnut. Bell-Spruce 2517 Keystone-Race 3662
Union Drawn Steel Co, 9th and Willow .... Market 2727

PITTSBURGH

FitzSimons Co The (J A Simonton, Dist Sales Mgr) Fulton bldg ..... Bell-Grant 1661 P & A-Pitt 3981

STEEL, COLD DRAWN & TOOL

PENNSYLVANIA

ALIQUIPPA

Kidd Drawn Steel Co, (Kidd's Ajax, Invincible, Imperial, Drawn Shapes), Aliquippa. Woodlawn 196

STEEL—COLD ROLLED

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009

STEEL, COLD ROLLED STRIP

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th ..... Erie 1295-M

STEEL, COLD ROLLED & TOOL

MASSACHUSETTS

BOSTON

Evans H D Steel & Co, 127 Oliver ..... Main 6449

STEEL CONSTRUCTION

OHIO

AKRON

Burger Iron Company The, 1324 South Main ..... Bell-Main 1391 Ohio State 2844

STEEL CUTTING CREASING & PERFORATING RULES

ILLINOIS

CHICAGO

Helmold J F & Bro, 1426 Hamburg ..... Lincoln 1774

STEEL—ELECTRIC FURNACE

OHIO

CANTON

United Alloy Steel Corporation ..... Bell-Main 3200 Ohio State 1293

STEEL ENAMEL WEAR

NEW YORK

NEW YORK CITY

New England Enameling Co The, 200 Fifth av ..... Gramercy 5828

STEEL FILING EQUIPMENT & FURNITURE

OHIO

CLEVELAND

Barshal Steel Equipment Co The, Leader News bldg ..... Main 1935

STEEL FOR EXPORT (ALL CLASSES)

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway ..... Whitehall 396
See our Catalog Space, page 963

STEEL FORGINGS, ALL DESCRIPTIONS

NEW YORK

NEW YORK CITY

Hammond Steel Company Inc (P J Ryan, Rep), 30 Church ..... Cortlandt 1809

STEEL FORMS (CURB, GUTTER, SIDEWALK AND ROAD)

ILLINOIS

CHICAGO

Sellar Supply Co, 557-559 W Quincy ..... Main 577

STEEL FOUNDRIES

WISCONSIN

MILWAUKEE

Falk Company The, ft of 30th ..... West 4622

STEEL HEAT TREATING

OHIO

DAYTON

Dayton Steel Heat Treating Co The, rear 818 E 2d ..... Main 8761

STEEL AND IRON

ILLINOIS

CHICAGO

Jones & Laughlin Steel Co, 440 W Lake .... Main 380
Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg ..... Lawndale 1

INDIANA

FT WAYNE

Fort Wayne Rolling Mill Corporation The ..... Ft Wayne 871 Home 2110
Mossman-Varnelle & Co, Pearl & Maiden Lane ..... Ft Wayne 115

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av .. North 6020

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d ..... Bell-Tyler 2500 Kinloch-Central 3645

NEW YORK

NEW YORK CITY

Pittsburgh Steel Export Co, 253 Broadway. Barclay 3436
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City ..... Cortlandt 8650

OHIO

CINCINNATI

Morris E K & Co, 311-17 W 2d ..... Main 1525

STEEL AND IRON BARS

NEW YORK

NEW YORK CITY

Crouch W J Co Inc, 253 Broadway ..... Barclay 4216

STEEL & IRON—EXPORT SHIPMENTS, BARS, SHEETS, ETC.

NEW YORK

NEW YORK CITY

Railway Specialties Corp, 30 Church .... Cortlandt 3602

STEEL AND IRON FOR EXPORT (ALL CLASSES)

NEW YORK

NEW YORK CITY

Douglas Geo B, 29 Broadway ..... Whitehall 396
See our Catalog Space, page 963

STEEL, IRON, SMELTING, ROLLING AND FABRICATING SITES

MISSOURI

ST LOUIS

St Louis Chamber of Commerce, 510 Locust ..... Bell-Main 4620 Kinloch-Central-7565
See our Catalog Space, page 902

STEEL LETTERS & FIGURES, MNFRS

NEW YORK

NEW YORK CITY

Keene Fred H, 149 Church ..... Barclay 7195

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951 Ohio State 2583

STEEL LETTERS & STAMPS

NEW JERSEY

NEWARK

Universal Stamp Works (J H Van Court Prop) 252 Market ..... Mulberry 2441

STEEL LOCKERS

ILLINOIS

CHICAGO

Durand Steel Locker Co, 76 W Monroe...Central 6302

NEW YORK

NEW YORK CITY

Durand Steel Locker Co, 132 Nassau...Beekman 1182

STEEL MANUFACTURERS

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 88 S Dearborn.Central 3264
Steel Sales Corp, 129 S Jefferson.....Franklin 4280
Steel Supply Co The, 125 N Jefferson....Franklin 1184

STEEL OFFICE FURNITURE

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

STEEL OFFICE FURNITURE AND FILING CABINETS

PENNSYLVANIA

PHILADELPHIA

Trout Direct Filing Co, 825 Chestnut Bell-Walnut 7460
..... Keystone-Race 2521
See our Catalog Space, page 954

STEEL PEN MANUFACTURERS

NEW JERSEY

CAMDEN

Esterbrook Steel Pen Co, Delaware av and Cooper ..... Camden 34

STEEL PLATE CONSTRUCTION

PENNSYLVANIA

PITTSBURGH

Rederer B S & Co, Arrot bldg.....Court 485

STEEL PLATE WORK

CALIFORNIA

SAN FRANCISCO

etroleum Iron Works Company of Ohio The, 503 Market.....Sutter 2341

ILLINOIS

CHICAGO

me Boiler & Tank Co, 48th and Aberdeen.Yards 7409
aver Wm Tank Works, 28 E Jackson bl.Wabash 2070
See our Catalog Space, page 1013

INDIANA

EAST CHICAGO

aver Wm Tank Works, 4801 Tod av....E Chgo 204
See our Catalog Space, page 1013

MISSOURI

ST LOUIS

troleum Iron Works Company of Ohio The, 3d Natl Bank bldg.....Olive 3464

NEW YORK

NEW YORK CITY

troleum Iron Works Company of Ohio The, 50 Church .....Cortland 3492

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4628 Lakeside av N E.....Rosedale 6301

PENNSYLVANIA

PITTSBURGH

Petroleum Iron Works Company of Ohio The, Frick bldg .....Grant 5157

READING

Penn Foundry & Mfg Co, Box 182.....Reading 991-X

SHARON

Petroleum Iron Works Company of Ohio The, Sharon .....Petroleum 0, 791

STEEL PLATE WORK (BLAST FURNACES, SPECL PLATE WORK)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Broadway .....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove sts.....Main 694

STEEL PLATES

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church..Cortland 6424

STEEL PLATES, BARS AND STRUCTURALS

ILLINOIS

CHICAGO

Dearborn Steel & Iron Co, 122 S Michigan av .....Harrison 1251

STEEL PLATES AND SHEETS

ILLINOIS

CHICAGO

McVoy Sheet & Tin Plate Co, 344-350 W Austin av .....Main 4864
Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg .....Lawndale 1

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
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MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d ..... Bell-Tyler 2500 Kinloch-Central 3645

NEW YORK

NEW YORK CITY

Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

STEEL-PRESSED CHANNELS & SPECIAL SHAPES

MICHIGAN

DETROIT

Detroit Pressed Steel Co, 1800 Mt Elliott av .....Ridge 4100

STEEL PRODUCTS FOR DOMESTIC AND EXPORT

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway.....Bowling Green 9167

STEEL RAILS

NEW YORK

NEW YORK CITY

Sweet's Steel Co (J H Finch, District Sales Mngr), 2 Rector.....Rector 440

OHIO

CLEVELAND

Sweet's Steel Co (H D Cushman Co, Representatives), Rockefeller bldg . Main 1871

PENNSYLVANIA

PHILADELPHIA

Sweet's Steel Company, Land Title bldg..Locust 147

WILKES BARRE

Sweet's Steel Company, Miners Bank bldg ..... Wilkes Barre 3667

WILLIAMSPORT

Sweet's Steel Company, 25 W 3d..Williamsport 1286

STEEL RAILS AND ACCESSORIES LIGHT AND HEAVY SECTIONS

NEW YORK

NEW YORK CITY

Sweet's Steel Company (J H Finch, District Sales Mngr), 2 Rector.....Rector 440

OHIO

CLEVELAND

Cushman H D Co, Rockefeller bldg.....Main 1871

PENNSYLVANIA

PHILADELPHIA

Sweet's Steel Company, Land Title bldg..Locust 147

WILKES BARRE

Sweet's Steel Company, Miners Bank bldg ..... Wilkes Barre 3667

WILLIAMSPORT

Sweet's Steel Company, 25 W 3d...Williamsport 1286

STEEL REINFORCING BARS

ILLINOIS

CHICAGO

Dean Olney J A Co, 19 S LaSalle.... Centra 3462
Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg.....Lawndale 1

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

MISSOURI

ST LOUIS

Laclede Steel Co, Federal Reserve Bank bldg .....Olive 3915
Ryerson Joseph T & Son, 2208 N 2d ..... Bell-Tyler 2500 Kinloch-Central 3645

NEW YORK

NEW YORK CITY

Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

STEEL REINFORCING BARS & METAL BUILDING PRODUCTS

INDIANA

INDIANAPOLIS

Baker Hugh J & Company, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

STEEL, RIBBON COLD ROLLED, HIGH-LOW CARBON

CONNECTICUT

BRISTOL

Wallace Barnes Co The, 30 Main..... Bristol 670

STEEL RISERS WITH TREADS & STAIR STRINGS

NEW YORK

NEW YORK CITY

Standard Steel Sections Inc, 608 E 133d. Melrose 1966
See our Catalog Space, page 1009

STEEL-ROCK DRILL

NEW YORK

NEW YORK CITY

Darwin & Milner Inc, 156 Broadway.... Cortland 1956
International High Speed Steel Co ("Bulldog Special" Hollow & Solid) 99 Nassau.... Cortland 5019

STEEL ROLLING DOORS AND SHUTTERS

NEW YORK

NEW YORK CITY

Brodie William H Co, 38 Park pl..... Barclay 7616

STEEL ROLLING DOORS & SHUTTERS, GEARED OR COILING

NEW YORK

NEW YORK CITY

Cornell Iron Works, 26th and 11th av.... Chelsea 1423

STEEL ROOFING—CEILING & BARRELS & STOVE PIPE

OHIO

WARREN

Ohio Corrugating Co The, South Pine st. Warren 2175

STEEL SASH

INDIANA

INDIANAPOLIS

Baker Hugh J & Company, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

STEEL SASH PUTTY MFRS.

NEW JERSEY

JERSEY CITY

Baker William T Inc, 220 Suydam av ... Bergen 1083

STEEL—SCRAP

PENNSYLVANIA

DANVILLE

Danville Iron & Steel Co, 500 E Market.. Danville 21

STEEL SHAPES

OHIO

CLEVELAND

Elyria Iron & Steel Co The, 323 East 131st. Eddy 3700

STEEL—SHEET

NEW YORK

NEW YORK CITY

Crouch W J Co Inc, 253 Broadway..... Barclay 4216

STEEL-SHEET FOR STAMPING

MICHIGAN

DETROIT

Clayman & Rosen, Ford bldg..... Cadillac 6753

STEEL SHEETS, BLACK & GALVANIZED

CALIFORNIA

SAN FRANCISCO

McVoy Sheet & Tin Plate Co, (W S Hanford Mgr) St Claire bldg..... Sutter 1845

ILLINOIS

CHICAGO

McVoy Sheet & Tin Plate Co, 344-50 W Austin av ..... Main 4864

KENTUCKY

NEWPORT

Newport Rolling Mill Co, 9th and Lowell.. South 3151

NEW YORK

NEW YORK CITY

McVoy Sheet & Tin Plate Co, Grand Central Terminal bldg..... Murray Hill 1507

PENNSYLVANIA

PITTSBURGH

McVoy Sheet & Tin Plate Co, Oliver bldg.. Grant 2431

STEEL SHEETS, BLACK AND GAL. WIRE, NAILS, LEADED IRON (WHOL)

MINNESOTA

ST PAUL

Russell Newman Supply Co The, Minnesota Transfer ..... Bell-Midway 1092 Tri State 81740

STEEL SHEETS—PICKLED

OHIO

MANSFIELD

Mansfield Sheet & Tin Plate Co The ..... Bell-Main 520 Mansfield 1845

STEEL SHEETS SPECIAL FINISHED

OHIO

MANSFIELD

Mansfield Sheet & Tin Plate Co The ..... Bell-Main 520 Mansfield 1845

STEEL SHELVING

ILLINOIS

CHICAGO

Durand Steel Locker Co, 76 W Monroe.. Central 6302
National Scale Co, Kimball Hall..... Harrison 3779

MASSACHUSETTS

CHICOPEE FALLS

National Scale Co..... Chicopee Falls 744

NEW YORK

NEW YORK CITY

Durand Steel Locker Co, 132 Nassau... Beekman 1182
National Scale Co, 30 Church..... Cortland 1501

OHIO

CLEVELAND

National Scale Co, Erie bldg ..... Prospect 3434

PENNSYLVANIA

PHILADELPHIA

National Scale Co, Pennsylvania bldg.... Spruce 973

STEEL SHELVING, CABINETS, TABLES AND EQUIPMENT

NEW YORK

NEW YORK CITY

Columbia Metal Box Co, 224 East 144th. Melrose 6241
National Metal Products Co, 23d and 1st av ..... Gramrcy 6520

STEEL SHELVING & LOCKERS

OHIO

CLEVELAND

Barshal Steel Equipment Co The, Leader News bldg ..... Main 1935

STEEL SPRING WIRE

ILLINOIS

CHICAGO

Page Steel & Wire Company, 129 S Jefferson ..... Franklin 4280

NEW YORK

NEW YORK CITY

Page Steel & Wire Company, 30 Church. Cortland 3541

PENNSYLVANIA

MONESSEN

Page Steel & Wire Company..... Grant 1694

PITTSBURGH

Page Steel & Wire Co, Union Arcade..... Grant 4467

STEEL SPRING WIRE (MUSIC)

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke..... Spring 6795

STEEL STAMPS

ILLINOIS

CHICAGO

Safford Stamp Works, 203 W Madison..... Main 2057

NEW YORK

NEW YORK CITY

Moss Henry Co, 37-A Beaver..... Broad 5011
Moss Theo & Co, 82 Broad..... Broad 912
1143 DeKalb av, Bklyn

OHIO

CLEVELAND

Taylor Bros Co The, 706 Superior av N W ..... Bell-Main 2747
Ohio State-Central 369

PENNSYLVANIA

PITTSBURGH

Bunting Stamp Co, 713 Liberty ..... Grant 6878

WISCONSIN

MILWAUKEE

Schwaab Stamp & Seal Co The, East Water and Michigan ..... Main 662

STEEL STAMPS & DIES

PENNSYLVANIA

PITTSBURGH

Pannier Bros Stamp Co, 207-209 Sandusky ..... Bell-Cedar 5185
P & A-North 152

STEEL STAMPS—LETTERS & FIGURES, MNFRS

ILLINOIS

CHICAGO

R & S Engraving & Die Works, 522 S Clinton ..... Wabash 7571

NEW YORK

NEW YORK CITY

Keene Fred H, 149 Church ..... Barclay 7195

STEEL STAMPS & STENCILS

MASSACHUSETTS

BOSTON

Allen Doane & Co Inc (Liberty Brand) 29 Cornhill ..... Haymarket 739

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d ..... Gramrcy 5361
Brooklyn Office, 419 Fulton ..... Main 764

OHIO

CLEVELAND

Dickey Grabler Works The, 118 Noble ct... Main 6794

STEEL STORAGE TANKS

NEW YORK

NEW YORK CITY

Trageser John Steam Copper Works, 447-457 W 26th ..... Chelsea 8140

STEEL STORAGE TANKS—SECOND HAND

OHIO

CLEVELAND

ItzSimons & Co, 2496 Broadway S E ..... Bell-Prospect 472
Ohio State-Central 2310

STEEL STRIPS

OHIO

CLEVELAND

yria Iron & Steel Co The, 282 East 181st. Eddy 3700

STEEL, STRUCTURAL

ILLINOIS

CHICAGO

Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg ..... Lawndale 1

IOWA

CLINTON

Clinton Bridge Works ..... Clinton 48

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av. North 6020

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d ..... Bell-Tyler 2500
Kinloch-Central 3645

NEW YORK

BUFFALO

Ferguson Steel & Iron Co, 1399 Bailey av. Howard 3130

NEW YORK CITY

National Bridge Works, Review av L I City ..... Hunters Point 3966
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City ..... Cortland 8650

STEEL, STRUCTURAL FABRICATORS (MILL BUILDINGS, ETC.)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main & Grove ..... Main 694

STEEL TANKS

CONNECTICUT

BRIDGEPORT

Cave Welding & Mfg Co, 303 Center .... Barnum 1383
Other shops Holyoke, Springfield, Hartford, Norwich

ILLINOIS

CHICAGO

Graver Wm Tank Works, 28 E Jackson bl. Wabash 2070
See our Catalog Space, page 1013

INDIANA

EAST CHICAGO

Graver Wm Tank Works, 4801 Tod av. East Chicago 204
See our Catalog Space, page 1013

MASSACHUSETTS

SPRINGFIELD

Cave Welding & Mfg Co, 32 Liberty ..... River 3983
Other shops Holyoke, Bridgeport, Hartford, Norwich

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church .. Cortland 6424
Mecca Machinery Co, 85-87 Adams Bklyn .. Main 7065

PENNSYLVANIA

TITUSVILLE

Odin Construction Co, S Perry P RR ..... Union 41

STEEL TOILET PARTITIONS—STEEL AND WOOD DOORS

WISCONSIN

MILWAUKEE

Milwaukee Vault & Cabinet Co, 521-23 Market ..... Main 2122

STEEL AND TONCAN METAL SHEETS

OHIO

CANTON

Stark Rolling Mill Co The ..... Bell-Main 3005
Ohio State 272

STEEL—TOOL

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress ..... Main 7000
See our Catalog Space, page 1009

STEEL TREATING SUPPLIES

ILLINOIS

CHICAGO

Bell & Gossett Co, 611 W 30th ..... Boulevard 2067

MICHIGAN

DETROIT

Park Chemical Company, 29-35 Lovett ... Walnut 4481

STEEL TREATMENT—CARBONIZING, CONSULTATION

ILLINOIS

CHICAGO

Snow Fred A Co, 1942 W Kinzie ..... Seeley 1973

STEEL TRUCK BODIES

ILLINOIS

CHICAGO

Auto Truck Steel Body Co, 3628-46 Carroll av ..... Garfield 1518

WISCONSIN

MILWAUKEE

Milwaukee Reliance Boiler Works, 1102-30, 32d ..... Kilbourn 262

STEEL WOOL

NEW YORK

NEW YORK CITY

Brillo Manufacturing Co, 517-521 W 45th Bryant 1195

STEEL WORK, STRUCTURAL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036
Ohio State-Princeton 222

STEEPLE JACKS

ILLINOIS

CHICAGO

Hillesheim Fred Chimney Construction Co, 434 Belden av ..... Diversey 2721

STEEPLE JACKS, FLAG POLES AND STACKS PAINTED

NEW YORK

NEW YORK CITY

Stanley E J, 338 E 56th.....Plaza 2418

STENCIL CUTTERS & DEALERS

NEW YORK

NEW YORK CITY

Rapid Stencil Works, 1 Worth.....Franklin 5490

STENCIL CUTTING MACHINES

CALIFORNIA

LOS ANGELES

Bradley Stencil Machine Co (Marshall & Nash, Agts), 629 N Spring....Manual-Main 3623 Automatic A-4628

SAN FRANCISCO

Bradley Stencil Machine Co (Moise-Klinkner, Agts), 363-369 Market ..... Sutter 7040

Diagraph Stencil Machine Corp, Wells Fargo bldg ..... Sutter 809
See our Catalog Space, page 1010

Ideal Stencil Machine Co The (E C Buehrer Co) 20 Davis.....Sutter 4594
See our Catalog Space, page 1010

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co.....Belleville 162
See our Catalog Space, page 1010

CHICAGO

Bradley Stencil Machine Co (F C Willis Dist Mgr) 565 W Washington bl.....Main 3260

Diagraph Stencil Machine Corp, 808 W. Congress ..... Monroe 4637
See our Catalog Space, page 1010

Ideal Stencil Machine The (B B Shippers Supply Co) 17 E Lake st.....Majestic 8342
See our Catalog Space, page 1010

INDIANA

INDIANAPOLIS

Bradley Stencil Machine Co (S J Winn, Rep), 2822 Paris av .....North 6349

KENTUCKY

LOUISVILLE

Ideal Stencil Machine The (H F Smithers, Div Sales Mgr), Courier-Journal Office bldg .....Bell-Main 478-Y Home-City 6805
See our Catalog Space, page 1010

MASSACHUSETTS

BOSTON

Diagraph Stencil Machine Corp, 19 Pearl..Main 5154-M
See our Catalog Space, page 1010

MISSOURI

KANSAS CITY

Ideal Stencil Machine The (Office Appliance Co) 710 Delaware.....Home-Main 931
See our Catalog Space, page 1010

ST LOUIS

Bradley Stencil Machine Co, 3745-3751 Forest Park bl.....Lindell 4920

Diagraph Stencil Machine Corp, 902 Clinton .....Tyler 2798
See our Catalog Space, page 1010

NEW YORK

NEW YORK CITY

Bradley Stencil Machine Co, (A J Bradley Mgr), 101 Beekman .....Beekman 5579

Diagraph Stencil Machine Corp, 96 Warren Barclay 5187
See our Catalog Space, page 1010

Ideal Stencil Machine The (W H Alexander) 66-72 Leonard st.....Franklin 1329
See our Catalog Space, page 1010

OHIO

CLEVELAND

Bradley Stencil Machine Co (Kenneth D Schuteman, Dist Mgr), Advance bldg. Prospect 1781

Ideal Stencil Machine The (The Taylor Bros Co), 706 Superior....Bell-Main 2747 Ohio State-Central 369
See our Catalog Space, page 1010

OREGON

PORTLAND

Bradley Stencil Machine Co (Parrott & Co, Agts), Portland Trust Co bldg....Main 7356

Ideal Stencil Machine The (W E Finzer & Co Inc) 293½ Stark.....Main 3347
See our Catalog Space, page 1010

PENNSYLVANIA

PHILADELPHIA

Bradley Stencil Machine Co (Geo C Decker, Dist Mgr), 15 S Third .....Lombard 140

Diagraph Stencil Machine Corp, 1011 Chestnut .....Filbert 2665
See our Catalog Space, page 1010

Ideal Stencil Machine The, (W H Alexander), The Bourse.....Lombard 490
See our Catalog Space, page 1010

PITTSBURGH

Ideal Stencil Machine The (James H Matthews & Co), 3942 Forbes.....Schenly 2915
See our Catalog Space, page 1010

RHODE ISLAND

PROVIDENCE

Ideal Stencil Machine The (H E Van Zylstra), 283 Jastram.....Union 2603
See our Catalog Space, page 1010

TENNESSEE

NASHVILLE

Ideal Stencil Machine The (W H Warren), 307 Fourth av N.....Main 1136
See our Catalog Space, page 1010

UTAH

SALT LAKE CITY

Ideal Stencil Machine The (Salt Lake Stamp Co), 65 W Broadway.....Washington 3097
See our Catalog Space, page 1010

STENCIL INK COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

STENCIL INKS, BRUSHES, ETC.

ILLINOIS

CHICAGO

B-B Shippers Supply Co, 17 E Lake....Majestic 8342

STENCIL AND MARKING INKS

CALIFORNIA

SAN FRANCISCO

Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
See our Catalog Space, page 1010

Garvey's Inks & Brushes (E C Buehrer Co), 20 Davis .....Sutter 4594

GEORGIA

ATLANTA

Garvey's Inks & Brushes (D D Felton Brush Co), 392½ Edgewood .....Ivy 4053

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co, Ideal blk....Belleville 162
See our Catalog Space, page 1010

CHICAGO

Diagraph Stencil Machine Corp, 808 W Congress .....Monroe 4637
See our Catalog Space, page 1010

Garvey's Inks & Brushes (B B Shippers Supply Co), 17 E Lake.....Majestic 8342

INDIANA

INDIANAPOLIS

Garvey's Inks & Brushes (J H Winn), 2822 Paris av .....North 6349

MASSACHUSETTS

BOSTON

Diagraph Stencil Machine Corp, 19 Pearl..Main 5154M
See our Catalog Space, page 1010

Garvey's Inks & Brushes (Allen, Doane & Co), 29 Cornhill .....Haymarket 739

MISSOURI

KANSAS CITY

Ideal Stencil Machine The (Office Appliance Co), 710 Delaware .....Home-Main 931
See our Catalog Space, page 1010

ST LOUIS

Diagraph Stencil Machine Corp, 902 Clinton.Tyler 2798
See our Catalog Space, page 1010

Garvey Fountain Brush & Ink Co, 7th and Howard .....Tyler 365

NEW YORK

NEW YORK CITY

Botts Marking Ink Co The, 330 Pearl...Beekman 4639
See our Catalog Space, page 961

Diagraph Stencil Machine Corp, 96 Warren.Barclay 5187
See our Catalog Space, page 1010

Garvey's Inks & Brushes (W H Alexander), 66 Leonard .....Franklin 1329

PENNSYLVANIA

PHILADELPHIA

Diagraph Stencil Machine Corp, 1011 Chestnut .....Filbert 2665
See our Catalog Space, page 1010

Garvey's Inks & Brushes (W H Alexander), The Bourse .....Bell-Lombard 490 Keystone-Main 75

STENCIL AND MARKING POTS AND BRUSHES

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co, Ideal blk....Belleville 162
See our Catalog Space, page 1010

STENCIL PAPER, PLAIN & OIL BOARD

CALIFORNIA

SAN FRANCISCO

Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
See our Catalog Space, page 1010

Ideal Stencil Machine The (E C Buehrer Co), 20 Davis .....Sutter 4594
See our Catalog Space, page 1010

ILLINOIS

BELLEVILLE

Ideal Stencil Machine Co, Ideal blk.....Belleville 162
See our Catalog Space, page 1010

CHICAGO

Diagraph Stencil Machine Corp, 808 W Congress .....Monroe 4637
See our Catalog Space, page 1010

MASSACHUSETTS

BOSTON

Diagraph Stencil Machine Corp, 19 Pearl..Main 5154-M
See our Catalog Space, page 1010

MISSOURI

ST LOUIS

Diagraph Stencil Machine Corp, 902 Clinton.Tyler 2798
See our Catalog Space, page 1010

NEW YORK

NEW YORK CITY

Diagraph Stencil Machine Corp, 96 Warren.Barclay 5187
See our Catalog Space, page 1010

Ideal Stencil Machine The (W H Alexander), 66-72 Leonard .....Franklin 1329
See our Catalog Space, page 1010

PENNSYLVANIA

PHILADELPHIA

Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander), The Bourse.....Lombard 490
See our Catalog Space, page 1010

STENCIL PAPER, PLAIN & OILED

MISSOURI

ST LOUIS

Bradley Stencil Machine Co, 3745-3751 Forest Park bl.....Lindell 4920

PENNSYLVANIA

PHILADELPHIA

Geo C Decker, 15 to 17 S Third .....Lombard 140

STENCIL PAPERS, DUPLICATOR—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK

Pen Carbon Manifold Co, 65 Mine.New Brunswick 546

STENCILS

ILLINOIS

CHICAGO

Time & Energy Co The, 9 S Clinton.....Main 1142

NEW YORK

NEW YORK CITY

Moss Henry & Co, 37-A Beaver .....Broad 5011

OHIO

AKRON

Akron Stamp & Stencil Co, 35 Bell-Main 4951
Bowery .....Ohio State 2583

STENCILS (ALL KINDS)

INDIANA

INDIANAPOLIS

Mayer Geo J Co, 36 S Meridian Bell-Main 1386
.....Automatic 23-286

STENCILS, BADGES AND SEALS

MISSOURI

ST LOUIS

Kasper Stamp & Seal Co, 822 Locust Bell-Main 638
.....Kinloch-Central 3017

STENCILS COMMERCIAL & SAND BLAST

PENNSYLVANIA

PITTSBURGH

Tannier Bros Stamp Co, 207-209 Bell-Cedar 5185
Sandusky .....P & A-North 152

STENCILS, CUTTERS

ILLINOIS

CHICAGO

Koch G & Co, 71 W Randolph.....Central 3655

STENCILS, CUTTERS & DEALERS

ILLINOIS

CHICAGO

Safford Stamp Works, 208 W Madison.....Main 2057

NEW YORK

NEW YORK CITY

Bishop Thomas H, 126 William.....Beekman 672
Everson & Reed Co, 88 Chambers.....Barclay 8098
Gottscho Adolph, 314 Greenwich.....Worth 819
Moss Samuel H, 36 E 23d.....Gramrcy 5361
Brooklyn Office, 419 Fulton.....Main 764

STENCILS, INKS, BRUSHES, ETC.

PENNSYLVANIA

PITTSBURGH

Bunting Stamp Co, 713 Liberty .....Grant 6878

STENCILS AND LETTERING DIES

PENNSYLVANIA

PITTSBURGH

Pittsburgh Steel Stamp Co, 316 Penn av...Court 2965

STENCILS & OILED STENCIL BOARD

ILLINOIS

CHICAGO

Rahn John F, 2428 N Ashland av.....Lincoln 1460

STENCILS—SIGNS—BADGES ETC.

NEW YORK

NEW YORK CITY

Reese S W Co, 44 Vesey.....Cortland 3097

STENOGRAPHERS

NEW YORK

NEW YORK CITY

Davidson C E (Patent Testimony, Technical Shorthand, Notary Public) 120 Broadway....Rector 1353

OHIO

CINCINNATI

Perin Buchanan (Court Reporting, Notary Public) 231 West 9th.....Canal 4235

STENOGRAPHERS, ADDRESS'G, CIRCLRS, DEPOSITNS, NOTARY

WASHINGTON

SPOKANE

Thompson Monica B Stenographic Offices, Offices open evenings till 11.00 o'clock, Eagle bldg .....Main 4272

STENOGRAPHERS, DEPOSITIONS

ILLINOIS

CHICAGO

Rankin Alice M, First Nat Bk bldg.....Central 5908

STENOTYPES

INDIANA

INDIANAPOLIS

Stenotype Company, The .....Belmont 2070

STEREOPTICON SLIDES

OHIO

CLEVELAND

Ohio Transparency Co, Superior bldg.....Main 3799-J

STEREOPTICONS, SLIDES, SCREENS, PROJECTION SUPLS.

ILLINOIS

CHICAGO

McIntosh Stereopticon Co, 30 E Randolph.Central 2282

STEREOPTICONS, AUTOMATIC

ILLINOIS

CHICAGO

Owen Automatic Stereopticon Co, 4009 Jackson bl .....Kedzie 2347

STEREOPTICONS AND SLIDES FOR SALE OR RENT

NEW YORK

NEW YORK CITY

Novelty Slide Co, 115 E 23d.....Gramercy 3672
Riley Optical Instrument Co Inc, 150, 5th av .....Chelsea 725

STEREOTYPES, MATRICES, ELECTROTYPES

OHIO

CINCINNATI

Quality Electrotype Co The, 8th and Cutter.West 7

STEREOTYPES MATRIX

NEW YORK

NEW YORK CITY

Whitfield Paper Works (Only Successful American Tissue Guaranteed Deliveries) 33-37 Sullivan .....Spring 27

STEREOTYPING AND ELECTROTYPING MACHINERY

NEW YORK

NEW YORK CITY

Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

STERILIZERS

NEW YORK

ROCHESTER

Wilmot Castle Company, [illegible] Bell-Main 5570
.....Federal-Stone 3175

STERILIZERS—WATER DISTILLING APPARATUS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton.....Franklin 5545
See our Catalog Space, page 1022

STERILIZING APPARATUS

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449

STERILIZING APPARATUS MANUFACTURERS

NEW YORK

NEW YORK CITY

Hospital Supply Co The, 53-55, 5th av.Stuyvesant 746

STICKERS AND LABELS (GOLD, COLORS, PLAIN, EMBOSSED, GUMMED)

CALIFORNIA

SAN FRANCISCO

Tablet & Ticket Co, 111 New Montgomery.Douglas 250

ILLINOIS

CHICAGO

Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

NEW YORK

NEW YORK CITY

Tablet & Ticket Co The, 381 Broadway..Franklin 2411

STILLS

MASSACHUSETTS

BOSTON

Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

NEW YORK

NEW YORK CITY

Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

OHIO

CINCINNATI

American Copper & Brass Works, The, 614 E Front .....Canal 3353

STILLS—COPPER

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, 28 Church.....Cortland 7673

STILLS—WATER DISTILLING APPARATUS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545
See our Catalog Space, page 1022

STOCK BROKERS

NEW YORK

NEW YORK CITY

Mandeville H L, 120 Broadway.....Rector 7558
Shearson, Hammill & Co, 71 Broadway .....Bowling Green 9920

STOCK CERTIFICATE BLANKS

ILLINOIS

CHICAGO

Goes Lithographing Co, 42 W 61st...Wentworth 452

STOCK CERTIFICATES, BONDS, SEALS, RECORD BOOKS

ILLINOIS

CHICAGO

Middleton J W & Co, 35 S Dearborn.....Central 1435

STOCK RACKS, DAIRY BARN EQUIPMENT & CULTIVATORS

MICHIGAN

HOLLY

Perry Mfg Co The.....Holly 174

STOCKS AND DIES (FOR BOLTS AND PIPE) MNFRS.

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

STOCKS, MINING & OIL

UTAH

SALT LAKE CITY

Dern & Thomas, Newhouse bldg.....Wasatch 977
Evans, Morris, Whitney Co, Mining Exchange bldg .....Wasatch 3296

STOCKS—OIL

COLORADO

DENVER

Wageley D S, First Nat Bank bldg.....Main 7987

STOKERS

ILLINOIS

CHICAGO

Brady James A Foundry Co, 45th and Western bl .....McKinley 3080
Green Engineering Co, 14 E Jackson bl..Harrison 1743

MISSOURI

ST LOUIS

Green Engineering Co, Railway Exchangebldg.Olive 4463

NEW YORK

NEW YORK CITY

Green Engineering Co, 50 Church.....Cortland 6543

PENNSYLVANIA

PITTSBURGH

Green Engineering Co, Oliver bldg.....Grant 1380
Hagan Geo J Co, 307, 4th av Peoples Bank bldg .....Court 3057
See our Catalog Space, page 956
Rederer B S & Co, Arrot bldg.....Court 485

STOKERS-AUTOMATIC

ILLINOIS

CHICAGO

Murphy Iron Works, Marquette bldg.....Central 4995

MASSACHUSETTS

BOSTON

Murphy Iron Works, Boston Safe Deposit and Trust bldg .....Main 6961

MICHIGAN

DETROIT

Murphy Iron Works, Foot of Walker...Edgewood 1114

NEW YORK

NEW YORK CITY

Murphy Iron Works, Woolworth bldg.....Barclay 6393

PENNSYLVANIA

PITTSBURGH

Murphy Iron Works ,Farmers Bank bldg...Grant 875

STOKERS—MECHANICAL, CHAIN GRATE, AUTOMATIC

MISSOURI

ST LOUIS

Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 955

STOKERS—MODEL, AUTOMATIC

ILLINOIS

CHICAGO

Automatic Furnace Co The (A J Sake, Rep), Corn Exchange Bank bldg.....Franklin 280

MINNESOTA

ST PAUL

Automatic Furnace Co The ..... Bell-Roble 455 Tri State 868

NEW YORK

NEW YORK CITY

Automatic Furnace Co The, 30 E 23d..Gramercy 5115

OHIO

DAYTON

Automatic Furnace Co The, 1st and Harshman ..... East 1348

STOKERS—PATENT SMOKELESS

OHIO

COLUMBUS

McGowan R F, 683 Oak.....Ohio State 4617

STOKERS, POWDERED COAL

ILLINOIS

CHICAGO

Stroud E H & Co, 928-934 Fullerton av. Diversey 4517

STOKERS, SEMI-AUTOMATIC

ILLINOIS

CHICAGO

McMillan James & Co, 114 Clarkson ct....Garfield 8722

STONE, BLUE STONE & GRANITE

NEW YORK

NEW YORK CITY

Rheinfrank Building Material Co, Est 1877
620 E 14th .....Forsyth 9280

STONE (INDIANA OOLITIC LIMESTONE)

INDIANA

BLOOMINGTON

Bollenbacher Geo W.....Main 905

STONE, CRUSHED

NEW YORK

BUFFALO

Buffalo Cement Co Ltd, 110 Franklin....Seneca 614

STONE CRUSHERS

ILLINOIS

CHICAGO

Wilson Machinery Co, 331 W 35th.....Yards 354

STONE CRUSHING PLANTS.

ILLINOIS

CHICAGO

Marsh George C & Co, 37 W Vanburen..Harrison 5799

STONE CUTTERS & DEALERS

NEW YORK

NEW YORK CITY

McLaren James & Sons, 611 Court Bklyn. Hamilton 465

STONE CUTTERS & DEALERS—CUT STONE & STONE WALKS

OHIO

TOLEDO

Krueger-Sackman Stone Co, Bell-Navarre 3254
rear, 1415 Oak.....Ohio State-River 154

STONE CUTTERS TOOLS—HAMMERS, CHISELS, DRILLS, ETC

ILLINOIS

CHICAGO

Duffy Mfg Co, 214-16 W Grand av.....Superior 3674

STONE MACHINERY

NEW YORK

NEW YORK CITY

Myers Willard F Machine Co Inc (Stone Cutting and Marble Working Machinery) 614-622 Hamilton L I C.....Astoria 1657

STONE SCREENS

NEW JERSEY

GARWOOD

Beckley Perforating Co, 200 North av...Westfield 737

STONE SCULPTORS AND ARCHITECTURAL CARVERS

ILLINOIS

CHICAGO

Dux Joseph, 2118 W VanBuren.....West 1703

STONE SPREADERS

OHIO

CRESTLINE

Burch Plow Works Co The, South
Thoman .....Ohio State 91

STONEWARE

ILLINOIS

CHICAGO

Western Stoneware Co, 2911 S Lasalle....Drover 6648

STOOLS FOR RESTAURANTS, CAFETERIAS & SODA FOUNTAINS

INDIANA

INDIANAPOLIS

Marietta Manufacturing Co The, 16th and
Sherman dr .....Woodruff 272

STORAGE

ILLINOIS

CHICAGO

David Fireproof Storage Warehouses, Milwaukee and Kedzie avs.....Albany 2345
Garfield Express & Storage Co The,
5908-16-18 S State .....Wentworth 1138
Hufmeyer John E, 2735-37 Lincoln av....Lincoln 711
Lindsay Storage Co, 1156 E 63d.....Hyde Park 7176
Livingston Warehouse & Van Co The, Superior 711
812-14 N Wells.....Superior 1133
Mayer's Express, 1425 Milwaukee av...Humboldt 1307
Reebie W C & Bro, 2513-2531 Sheffield av. Lincoln 120
Waechter & Meyer Fireproof Storage Co,
1230 N Clark .....Superior 344

NEW YORK

NEW YORK CITY

Bahr H D Trucking & Warehouse Co, 285
E 137th .....Melrose 8616
See our Catalog Space, page 1012

OHIO

CLEVELAND

Lincoln Fireproof Storage Co The, 5700
Euclid av .....Rosedale 4200

STORAGE (DISTRIBUTING, FORWARDING)

WASHINGTON

SPOKANE

Seehorn Storage & Transfer Co, 161
S Lincoln .....Riverside 539

STORAGE (ALSO DISTRIBUTION OF MERCHANDISE)

CALIFORNIA

LOS ANGELES

Shattuck & Nimmo Warehouse Co, Manual-Main 381
Marsh-Strong bldg .....Automatic 4814
See our Catalog Space, page 1011

STORAGE (FIREPROOF)

NEW YORK

YONKERS

McCann James, 1-3 Mill .....Yonkers 4912

STORAGE (ALSO FURNITURE MOVERS)

ILLINOIS

CHICAGO

Drexel Storage & Transfer Co, 4887-9 Cottage Grove av.....Kenwood 2428

STORAGE (MERCHANDISE)

OHIO

DAYTON

Union Storage Co, 101 Bainbridge.....Main 1266

STORAGE (MOVERS, PACKERS AND SHIPPERS)

TENNESSEE

NASHVILLE

Durham Transfer Storage Co, 523, 8th av S. Main 2650

STORAGE (SHIPPING & PACKING HOUSEHOLD GOODS & MDSE.)

MINNESOTA

ST PAUL

Twin City Warehouse Co, 2310- N W Midway 7930
2324 Hampden av .....Tri State 82132

STORAGE (SHIPPING, PACKING & MOVING OF HOUSEHOLDGOODS)

CALIFORNIA

LOS ANGELES

California Fireproof Storage Co, Manual-West 4736
2808 Pico ..... Automatic 71412
See our Catalog Space, page 1011
Shattuck & Nimmo Warehouse Co, Manual-Main 381
Marsh-Strong bldg .....Automatic 4814
See our Catalog Space, page 1011

ILLINOIS

CHICAGO

Fort Dearborn Fireproof Storage Co, 4615
Clifton av ..... Ravenswood 100
See our Catalog Space, page 1011
North Shore Fireproof Storage Co, 4820
Broadway ..... Edgewater 803
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S
Dearborn ..... Harrison 3467
See our Catalog Space, page 1011

MARYLAND

BALTIMORE

Security Storage & Trust Co, 13-19 W
North av ..... Mt Vernon 230
See our Catalog Space, page 1011

MISSOURI

KANSAS CITY

A-B-C Fireproof Warehouse Co, 8th and
Troost ..... Main 123
See our Catalog Space, page 1011

ST LOUIS

Circuit Storage Co The, 4720 Easton av ..... Forest 2648
See our Catalog Space, page 1011

STORAGE (SHIPPING, PACKING & MOVING OF HOUSEHOLD GOODS)—CONTINUED

NEBRASKA

OMAHA

Omaha Van & Storage Co, 808 S 16th...Douglas 4163
See our Catalog Space, page 1011

NEW YORK

NEW YORK CITY

Harlem Storage Warehouse Co Inc, 211-13 E 100th ..... Lenox 850
See our Catalog Space, page 1011

UTICA

Utica Carting Co, 69-85 Genesee .....Utica 777
See our Catalog Space, page 1011

OHIO

CINCINNATI

Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av .....Woodburn 652
See our Catalog Space, page 1011

OKLAHOMA

OKLAHOMA CITY

O-K Transfer & Storage Co, First and Hudson ..... PBX 83
See our Catalog Space, page 1011

PENNSYLVANIA

PHILADELPHIA

Atlas Storage Warehouse, Market and 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

PITTSBURGH

Haugh & Keenan Storage & Transfer Co, Center and Euclid avs ..... Hiland 255
See our Catalog Space, page 1011

TENNESSEE

CHATTANOOGA

Bond E M Fireproof Storage Co, 38 Arcade.Main 20
See our Catalog Space, page 1011
Bryan Transfer & Storage Co .....Main 73
See our Catalog Space, page 1011

STORAGE (WAREHOUSES)

NEW YORK

NEW YORK CITY

Dochterman Van & Express Co, The (Established over 40 Years—Storage, Moving) 457-71 E 10th .....Orchard 4630

STORAGE (WAREHOUSES FOR MERCHANDISE)

MINNESOTA

MINNEAPOLIS

Kedney Warehouse Co, 8-22 Hennepin av ..... N W Main 738 Tri State 37738

ST PAUL

Kedney Warehouse Co, cor 3d and John ..... N W Cedar 4509 Tri State 24509

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

STORAGE BATTERIES

CONNECTICUT

STAMFORD

Stamford Storage Battery Co, 22 Main...Stamford 1608

ILLINOIS

CHICAGO

Vesta Accumulator Co, 2100 Indiana av..Calumet 4530

NEW YORK

NEW YORK CITY

American Eveready Works, Thomson and Orton Sts, L I C, ...Hunters Point 5100
Marko Paul M & Co Inc, 1191 Bedford av Bklyn .....Bedford 7200

STORAGE BATTERIES (MNFRS.)

MICHIGAN

DETROIT

Universal Battery Service Co, 1192 E Jefferson av .....Edgewood 1442

MISSOURI

ST LOUIS

Sterling Storage Battery Mfg Co, 1124 Chestnut ..... Kinloch-Central 2565-R

OHIO

CINCINNATI

Cincinnati Storage Battery Co The, 228-30 Stark .....Canal 5677

STORAGE BATTERIES—DISTILLED WATER APPARATUS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545
See our Catalog Space, page 1022

STORAGE BATTERIES FOR ALL PURPOSES

NEW YORK

NEW YORK CITY

Multiple Storage Battery Co, 427 W 50th .....Columbus 236

STORAGE BATTERY CUTTERS

MASSACHUSETTS

EVERETT

Porter H K, 6 Ashland.....Everett 435-M

STORAGE TANKS—STEEL

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church..Cortland 6424

STORE, BANK & OFFICE FIXTURES

ILLINOIS

CHICAGO

Peterson Geo & Co, 334 S Clinton.....Harrison 1872

STORE, BANK AND OFFICE FIXTURES—MANUFACTURERS

KENTUCKY

LOUISVILLE

Louisville Fixture & Furniture Co, 823-29 Fehr av.....Home City 1809

STORE DISPLAY FIXTURES

OHIO

CLEVELAND

Buckeye Fixture Co The, 1292 W 4th.....Main 2359

STORE EQUIPMENT DESIGNERS

ILLINOIS

CHICAGO

Taussig & Flesch, 25 E Jackson bl.....Wabash 3874

STORE FIXTURE HARDWARE—SPECIALTY METAL WORKERS

ILLINOIS

CHICAGO

Woodworker's Hardware Mfg Co, 1638 Clybourn av .....Diversey 2473

STORE FIXTURES

ILLINOIS

CHICAGO

American Store Fixture Co, 121-125 S Halsted .....Monroe 5540
Ashland Store Fixture Co, 6227 S Ashland av ..... Prospect 874
Reliable Store Fixture Co Inc, 448-450 N Wells .....Franklin 3380
Schick Johnson Company, 1737-45 N Paulina .....Haymarket 3957

NEW YORK

NEW YORK CITY

Halbren J & Son (Manufacturers and dealers. Store and Office Fixtures. Drug Store Fixtures our specialty. Complete interiors for all business purposes) 141 Bowery .....Orchard 5112
New York Wood Working Corp, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

STORE FIXTURES—DESIGNERS AND MNFRS.

ILLINOIS

CHICAGO

Inter-Ocean Cabinet Co, 322-326 S Paulina..West 3319

STORE FIXTURES—MANUFACTURERS

OHIO

DAYTON

Onli-Wa Fixture Co, 125 Mill.....Main 8556

STORE FIXTURES—NEW AND SECOND HAND

OHIO

CINCINNATI

Economy Supply Co, 126 E Pearl.....Main 1147

STORE FIXTURES AND REFRIGERATORS, MNFRS.

ILLINOIS

CHICAGO

Bromann Bros, Fulton and Peoria.....Monroe 4082
Buchbinder Bros, 518-520 Milwaukee av.Monroe 5616

MICHIGAN

DETROIT

Reliable Store Fixture Co, 305 Gratiot av.Cherry 4399

STORE FIXTURES, REFRIGERATORS—STOCK BUYERS

MICHIGAN

DETROIT

Michigan Store Fixture Co, 337-341 Gratiot av .....Main 4090

STORE FIXTURES, REFRIGERATORS & TRUCKS

MISSOURI

ST LOUIS

Standard Scale & Fixture Co, Bell-Main 2177
217 Locust .....Kinloch-Central 5767

SOUTH CAROLINA

GREENVILLE

Greenville Mantle & Mfg Co.....Greenville 1039

STORE FIXTURES, SHOW CASES AND OFFICE FURNITURE

ILLINOIS

QUINCY

Huck Mfg Co, 1000 Vermont.....Main 4442-W

STORE FIXTURES, SPECIAL CABINET WORK

MICHIGAN

DETROIT

Buekers J H Mfg Co 65 to 73 Catherine.....Main 1674

STORE FRONT ALTERATIONS

ILLINOIS

CHICAGO

Matot D A, 1538-1546 Montana.....Lincoln 2

STORE FRONTS

NEW YORK

NEW YORK CITY

Anderton Edward K (Established 1845, Bars & Covered Mouldings of all Metals & Designs 210 Grand .....Canal 8792
Fells Noah (Metal Sash Corner Bars, for Store Front Construction. All kinds of Mouldings), 29 Cooper sq .....Orchard 8571

STORE FRONTS (COMPLETE)

INDIANA

EVANSVILLE

Tesker Geo L & Co, 1st and Ingle....Evansville 145

STORE FRONTS (MNFRS.)

INDIANA

EVANSVILLE

International Store Front Co, Edgar and Cleveland av .....Evansville 477

STORE & OFFICE FIXTURES

ILLINOIS

CHICAGO

Chicago Store & Office Fixture Co, 318-320 S Clinton .....Harrison 7308
Crampton Manufacturing Co, 1518 E 53d.Midway 784

STOVE & FURNACE REPAIRS

MISSOURI

KANSAS CITY

Hoover Stove Repair Co, 20th and S W Blvd .....Home-Main 5932

STOVE AND HEATER REPAIRS

NEW JERSEY

NEWARK

Russ & Krekel Co, 184 Mulberry.....Market 2913

NEW YORK

NEW YORK CITY

Russ & Krekel Co, 97 Beekman.....Beekman 2433

STOVE POLISHES

PENNSYLVANIA

PHILADELPHIA

Diamond John & Sons, 470 N 3d.....Market 2155

STOVE TRIMMINGS

NEW YORK

MECHANICVILLE

Lynd L E Mfg Co The (Lifters, Shakers, Knobs, Pokers, Wire Goods) Canal and William .....Mechanicville 56-W

STOVES—GAS

OHIO

CLEVELAND

Trenkamp Stove & Mfg Co The, Bell-Garfield 842
9806 Quincy av .....Ohio State-Princeton 756

STOVES—PARTS ENAMELED

TENNESSEE

NASHVILLE

Independent Advertising Co, Independent bldg .....Main 2600

STOVES & RANGES

ILLINOIS

CHICAGO

Cole Mfg Co, 3218 S Western av.....McKinley 1231

STOVES AND RANGES (MNFRS.)

OHIO

SALEM

Victor Stove Co, 208 Depot Bell-Salem 73
.....Ohio State 73

WISCONSIN

MILWAUKEE

Fuller-Warren Co The, 32d and Wright..Kilbourn 4515

STOVES, RANGES AND BASE BURNERS—MNFRS.

OHIO

FREMONT

Fremont Stove Co The, Bidwell av Bell-Fremont 155
..... Ohio State-Home 956

STOVES, RANGES & COOKING UTENSILS

ILLINOIS

CHICAGO

Traub Wm F Range Co, 231 W Superior..Superior 7670

STOVES AND RANGES—GRAY IRON CASTINGS

ALABAMA

BIRMINGHAM

Avondale Stove & Foundry Co.....Main 1046

STOVES, RANGES, HOT AIR FURNACES & GAS HOT PLATES

PENNSYLVANIA

BOYERTOWN

Union Manufacturing Co Bell-Boyertown 18
.....Independent 79-C

STOVES—TORCHES, FURNACES (KEROSENE OIL PRESSURE)

NEW YORK

NEW YORK CITY

General Maintenance Co, 70 Murray.....Barclay 6490

STRAINERS, GASOLINE, OIL, ETC.

NEW YORK

NEW YORK CITY

Sage Bros Inc, 780 Union, Bklyn.....South 5200

STRANDS GALVANIZED WIRE

WISCONSIN

KENOSHA

Macomber & Whyte Rope Co, Racine av..Kenosha 1174

STRAP—MFRS. AUTOMATIC RAZOR

OHIO

CANTON

Conton Razor Strop Co, The, 719 Cook av S W.....Ohio State 757L

STRAPS, BOX—FIBRE

NEW YORK

NEW YORK CITY

West Virginia Pulp & Paper Co, (Pulp Products Dept), 200, 5th av.....Gramercy 5400

STRAW BOARD

IOWA

CEDAR RAPIDS

Cherry J G Co, 10th av and 4th....Cedar Rapids 2546

STRAW COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

STREET CLEANING APPLIANCES

PENNSYLVANIA

PHILADELPHIA

Wirt & Knox Mfg Co, 23d and York ..... Bell-Diamond 4869 Keystone-Park 830

STRETCHERS & LITTERS

NEW YORK

NEW YORK CITY

Telescope Cot Bed Co The, 535 E 79th....Lenox 7500

STRIP STEEL—HOT & COLD ROLLED

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

OHIO

WARREN

Trumbull Steel Co The, South Pine st.....Warren 1927

STRUCTURAL ENGINEERS (LICENSED)

ILLINOIS

CHICAGO

Emerson H L, Chamber of Com bldg.....Main 3360

STRUCTURAL IRON AND STEEL

ARKANSAS

LITTLE ROCK

Bemberg & Sons Iron Works, East 10th and Fairview .....Main 2227

ILLINOIS

CHICAGO

Chicago Iron & Steel Co, 733 Fulton.....Monroe 3612
Continental Bridge Co, Monadnock blk..Harrison 1272
Duffin Iron Co, 4837-55 S Kedzie av....McKinley 732
Gage Structural Steel Co, 3123-3141 S Hoyne av .....Drover 8710
Giaver Joachim G, 30 E Jackson bl.....Wabash 8727
Holmes Pyott & Co, 159 N Jefferson.....Franklin 1386
Reuter Brothers, 5814 S Wood.....Prospect 4069
South Halsted St Iron Works, 2611 S Halsted .....Yards 1150

PEOTONE

Continental Bridge Co, Works, Peotone ..... Bell-Peotone 10 Interstate 181

SPRINGFIELD

Burtle Jerome & Co, Reisch bldg, Dept A...Main 760

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

MICHIGAN

DETROIT

National Iron Works The, Berlin and M C Belt Line.....Ridge 3234
Russel Wheel & Foundry Co, Chene and Belt Line R R.....Ridge 3260

SAGINAW

Bartlett A F & Co.....Saginaw 255

NEW HAMPSHIRE

MANCHESTER

Lyons F P Iron Works, 319 Elm.....Manchester 2593

NEW YORK

BUFFALO

Pfohl August & Sons Co, 152 Terrace....Seneca 5187

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

STRUCTURAL IRON STEEL CLIPS FOR CONSTRUCTION

ILLINOIS

CHICAGO

Streeter Clip & Specialty Co ("Streeter") (Let us know your requirements), 4125-4127 Ravenswood av ..... Graceland 1658

STRUCTURAL IRON AND STEEL CONTRACTORS

NEW YORK

BUFFALO

Buffalo Structural Steel Co, 168 Dart.....North 2997

STRUCTURAL IRON & STEEL ENGINEERS

NEW JERSEY

TRENTON

Bugbee Newton A K & Co Inc, 206 E HanovrTrenton 1208

STRUCTURAL IRON & STEEL, FABRICATORS & CONTRACTORS

ILLINOIS

CHICAGO

Holmes Pyott & Co, 159 N Jefferson.....Franklin 1386

MARYLAND

BALTIMORE

Chesapeake Iron Works P O Box, 1123.....South 945
Dietrich Bros, Pleasant and Davis....Mt Vernon 980
Patapsco Iron Works, Ostend and Hamburg.Gilmor 454
Vaile & Young, Calvert and Beaufort....St Paul 4713

MINNESOTA

MINNEAPOLIS

Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell Drexel 2025 Tri State 61100

ST PAUL

St Paul Foundry Co, Como av cor Mackubin ..... Bell-Cedar 1425 Tri State 22878
St Paul Structural Steel Co, York and Agate ..... N W Cedar 3109 Tri State 21940

OHIO

MANSFIELD

Hughes-Keenan Co, The, 260 N Mulberry ..... Bell-Main 1023-R Mansfield 967

PENNSYLVANIA

BETHLEHEM

Vanderstuchen Ewing Construction Co, Bethlehem Trust bldg .....Bethlehem 1600

STRUCTURAL IRON AND STEEL FOR BUILDINGS

INDIANA

EVANSVILLE

International Steel & Iron Co, Edgar and Cleveland av .....Evansville 477

STRUCTURAL IRON AND STEEL WORK

PENNSYLVANIA

CARBONDALE

Hendrick Mfg Co, 39-75 Dundaff.....Carbondale 221

STRUCTURAL AND ORNAMENTAL IRON

ILLINOIS

CHICAGO

Pilsen Foundry & Iron Works, 1532 W 22d.Canal 2200
Union Foundry Works, 38 S Dearborn..Randolph 3663

MARYLAND

BALTIMORE

Dietrich Bros, Pleasant and Davis .....Mt Vernon 980

STRUCTURAL STEEL

COLORADO

DENVER

American Bridge Company, First National Bank bldg .....Main 1217

ILLINOIS

CHICAGO

American Bridge Company, 208 S Lasalle.Wabash 6262
Wendnagel & Co, 22d and Jefferson.....Canal 2140

MARYLAND

BALTIMORE

American Bridge Company, Continental Trust bldg .....St Paul 99

MASSACHUSETTS

BOSTON

American Bridge Company, John Hancock bldg .....Main 5966

MICHIGAN

DETROIT

American Bridge Company, Beecher av and M C R R.....West 75
Bolles J E, Iron & Wire Works, 288 E Milwaukee av.....North 6123

MINNESOTA

DULUTH

American Bridge Company, Wolvin bldg.Melrose 800

MINNEAPOLIS

American Bridge Company, 7th av and 2d st S E.....East 5720

MISSOURI

ST LOUIS

American Bridge Company, Third National Bank bldg .....Olive 4030

NEW YORK

BUFFALO

American Bridge Company, Marine National Bank bldg .....Seneca 3460
Ferguson Steel & Iron Co, 1399 Bailey av.Howard 3130

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church.Cortland 6424
American Bridge Company, 30 Church..Cortland 6126
Crouch W J Co Inc, 253 Broadway.....Barclay 4216

OHIO

CINCINNATI

American Bridge Company, Union Trust bldg.Main 3946

CLEVELAND

American Bridge Company, Guardian bldg...Main 1678

PENNSYLVANIA

PHILADELPHIA

American Bridge Company, Widener bldg . Walnut 5200
DeCou Richard Co (Beams, Channels, Angles, Tees & Plates), ne cor 12th and Noble. Poplar 276
Matthews S G & Co, 2016 W Lippincott . . . . . Bell-Tioga 2397 Keystone-Park 670

PITTSBURGH

American Bridge Company, Frick bldg . . . . . Grant 5200

UTAH

SALT LAKE CITY

American Bridge Company, Walker Bank bldg . . . . . Wasatch 890

STRUCTURAL STEEL BRIDGES & PLATE PAINTERS

PENNSYLVANIA

PITTSBURGH

Patridis William & Co, Germania Savings Bank bldg . . . . . Court 3747

STRUCTURAL STEEL BUILDINGS, NEW & USED EQUIPMENT

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg . Grant 1516
See our Catalog Space page 976

STRUCTURAL STEEL CONSTRUCTION

RHODE ISLAND

PROVIDENCE

McKinnon John, 77 Washington . . . . . Union 2858-W

STRUCTURAL STEEL—FABRICATED

PENNSYLVANIA

BETHLEHEM

Fuerber Engineering Co The, Bell-Bethlehem 576
9th and Lehigh av . . . . . Keystone 76-J

STRUCTURAL STEEL AND ORNAMENTAL IRON

GEORGIA

SAVANNAH

Wood J E Co, The, Liberty Bank & Trust bldg . . . . . Savannah 1095

STRUCTURAL STEEL AND ORNAMENTAL IRON WORKS

NEW YORK

NEW YORK CITY

Bassler & Klein Iron Works, 118, 9th L I C . . . . . Hunters Point 575

STRUCTURAL STEEL & PLATE WORK

CONNECTICUT

BRIDGEPORT

Porcupine Co The, Hancock and Wordin av . . . . . Barnum 5066

STRUCTURAL WIRE AND IRON

OHIO

TOLEDO

National Wire & Iron Co, 908 Heston . . . . . Ohio State-Prospect 87

STUCCO

ILLINOIS

CHICAGO

Vitrifyx Company The, Chamber of Com . . . . . Main 1065

STUCCO (PLASTONE) FOR EXTERIOR WORK

ILLINOIS

SPRINGFIELD

Schuck & Son, 10th and Madison . . . . . Capitol 637

STUCCO ROOFING, FLOORING AND POINTING MATERIALS

ILLINOIS

SPRINGFIELD

Lyko Co Inc, 9th and Madison . . . . . Main 1286

STUD BOLTS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av . . . . . Albany 4010

STUFFERS, SAUSAGE

PENNSYLVANIA

PHILADELPHIA

Enterprise Mfg Co of Pa The, Bell-Kensington 5473
3d and Dauphin . . . . . Keystone-Park 281

SUGAR

CALIFORNIA

SAN FRANCISCO

California & Hawaiian Sugar Refining Co, 230 California st . . . . . Douglas 3380

OHIO

CLEVELAND

Edgar W H & Son, Leader News bldg . . . . . Main 2178

SUGAR (BROKERS)

PENNSYLVANIA

PHILADELPHIA

Camp George R, 135 S 2d . . . . . Lombard 876

SUGAR (MANUFACTURERS)

MICHIGAN

OWOSSO

Owosso Sugar Co . . . . . Owosso 168

SUGAR COLORINGS—FOR ALL PURPOSES

ILLINOIS

CHICAGO

Sethness Company, 718-724 N Curtis . . . Monroe 6780

SUGAR MACHINERY

ILLINOIS

CHICAGO

Sizelson Evaporator Co, Monadnock blk . . . . . Harrison 1292

LOUISIANA

NEW ORLEANS

Haubtman & Loeb Co Ltd, 614-625 Magazine . . . . . Main 1528

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church . Cortland 5424
Engel Godfrey Sr Construction Co, 30 Church . . . . . Cortland 8421
See our Catalog Space page 1[illegible]
Gerdes & Company Inc, (Pans, Crystallizers, Detroiters, Retorters, 28 Cortlandt . . . . . Cortland 7673

OHIO

CLEVELAND

Kilby Manufacturing Co The, 4623 Lakeside av . . . . . Rosedale 6301

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut . . . . . Lombard 1020

SUGAR MACHINERY, CHAR KILNS, DRYERS, EVAPORATORS

NEW YORK

NEW YORK CITY

Stearns-Schmidt Mfg Co, 50 Church . . . . . Cortland 4056

PENNSYLVANIA

YORK

Stearns-Schmidt Mfg Co, 230 Bell York 231
Hay st . . . . . York 236-D

SUGAR MILL MACHINERY

CONNECTICUT

ANSONIA

Farrel Foundry & Machine Co 30 Main . . . . . Derby 148

SUGAR MILL MACHINERY & CASTINGS

ALABAMA

BIRMINGHAM

Birmingham Machine & Foundry Co, 37th and 10th av . . . . . Main 531

SUGAR REFINERIES

PENNSYLVANIA

PHILADELPHIA

Pennsylvania Sugar Company, Bell-Lombard 4280
135 S 2d . . . . . Keystone-Main 4750

SUGAR SUBSTITUTE, BREAD IMPROVER & YEAST STIMULANT

DISTRICT OF COLUMBIA

WASHINGTON

Corby Co Inc, Langdon Station . . . . . Lincoln 1706

SUGAR AND SYRUPS

NEW YORK

NEW YORK CITY

Nulomoline Company The (Honey & Sugar), 111 Wall.....Hanover 7294
See our Adv. on inside Front Cover

SUIT CASE MNFRS.

NEW YORK

NEW YORK CITY

Laitman S & Sons, 657 Bway, Bklyn.....Stagg 5166

SUIT CASES, BAGS & TRUNK MNFRS.

PENNSYLVANIA

PITTSBURGH

United Suit Case Co, 1345 Fifth av.....Grant 3314-J

SUIT CASES, TRAVELING BAGS, BRIEF CASES & PORTFOLIOS

NEW YORK

NEW YORK CITY

Galewski S, 261-67 Canal.....Canal 9209

SULKIES, CHILDRENS

INDIANA

ELKHART

Sidway Mercantile Co .....Elkhart 437

LA PORTE

Outing Kumfy-Kab Co .....La Porte 39

SULPHATE OF ALUMINA

NEW YORK

NEW YORK CITY

Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576

SULPHUR AND BRIMSTONE

NEW YORK

NEW YORK CITY

Beggs E J & Co, 92 William.....John 3170

SULPHUR CHLORIDE

NEW YORK

NEW YORK CITY

Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

SULPHUR PRODUCERS

NEW YORK

NEW YORK CITY

Union Sulphur Company The, 17 Battery pl.Rector 8460

SULPHURIC ACID-CHEMICALLY PURE

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av .....South 2666

SULPHURIC—ANY STRENGTH INCLUDING OLEUM

COLORADO

DENVER

Western Chemical Manufacturing Co The, Osage & W Bayaud av.....South 2666

SUPER PHOSPHATES

MARYLAND

BALTIMORE

Davison Chemical Co, Garrett bldg.....St Paul 7040

SURETY BONDS

ARKANSAS

LITTLE ROCK

National Surety Company (Charles K Jones, Mgr), Gazette bldg.....Main 7272

CALIFORNIA

LOS ANGELES

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr, and in charge of Arizona), Citizens Bank bldg.....Main 6859

SAN FRANCISCO

National Surety Company (Frank L Gilbert, Vice-Pres and Pacific Coast Mgr, and in charge of California and Nevada), 105 Montgomery Sutter 2636

COLORADO

DENVER

National Surety Company (Ralph W Smith, Vice-Pres, Mgr, Western Dept in charge of Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado and New Mexico), Coronado bldg .....Main 852

DISTRICT OF COLUMBIA

WASHINGTON

National Surety Company (William H Ronsaville, Mgr), Munsey bldg.....Main 414

GEORGIA

ATLANTA

National Surety Company (Wm L McCalley Jr, Southeastern Mgr), Atlanta National Bank bldg .....Main 1422

INDIANA

INDIANAPOLIS

National Surety Company (Julius P McGrayel, Mgr), Fletcher Savings & Trust bldg....Main 1539

KANSAS

KANSAS CITY

National Surety Company (I J Talbott, Mgr), Portsmouth bldg.....West 327

MARYLAND

BALTIMORE

National Surety Company (Max Ways, Genl Agt), Union Trust bldg.....St Paul 3888

MASSACHUSETTS

WORCESTER

National Surety Company (John G Jefferds Jr, District Mgr for Worcester County), State Mutual bldg .....Park 1536

MICHIGAN

LANSING

National Surety Company (Geo D Heaton, Mgr Western Michigan), Capital Natl Bank bldg .....Lansing 2229

MISSISSIPPI

JACKSON

National Surety Company (William A Montgomery, Mgr), Merchants Bank bldg.....Jackson 329

MISSOURI

KANSAS CITY

National Surety Company (P O Draper, General Agent Western Missouri), Commerce bldg.Main 2264

ST LOUIS

National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills), Pierce bldg .....Olive 1026

MONTANA

HELENA

National Surety Company (Robert S King, Mgr), National Bank of Montana bldg.....Helena 580

NEBRASKA

LINCOLN

National Surety Company (Commercial Investment Company, Gen Agts), 1301 N st.....Lincoln 1212

NEW JERSEY

CAMDEN

National Surety Company (Cecil B Myer, Mgr), 425 Market.....Camden 1718

JERSEY CITY

National Surety Company (P E Wiles, Manager Hudson & Bergen Counties), 15 Exchange pl .....Montgomery 4147

NEWARK

National Surety Company (Franklin M Wolf, State Mgr), Prudential bldg.....Market 4921

NEW YORK

NEW YORK CITY

National Surety Company (Home Office), 115 Broadway .....Rector 8000
National Surety Company (Daniel A McCann, Vice-Pres), 192 Montague, Bklyn.....Main 4480
Sage Henry J Company, 120 Broadway..Rector 1074

NORTH CAROLINA

GREENSBORO

National Surety Company (Max T Payne, Mgr), Benbow Arcade.....Greensboro 157

OHIO

COLUMBUS

National Surety Company (A W Geissinger, Mgr), Huntington Bank bldg.....Main 2576

OREGON

PORTLAND

National Surety Company (V H Galloway, Mgr), Corbett bldg .....Marshall 2191

SOUTH CAROLINA

CHARLESTON

National Surety Company (Robert T Ravenel, Mgr), 53 Broad.....Charleston 436

TEXAS

AUSTIN

National Surety Company (Ernest L Early, State Mgr), Scarbrough bldg .....Austin 2020

VIRGINIA

RICHMOND

National Surety Company (Arthur M Cannon, Mgr), American National Bank bldg..Madison 7650

SURGICAL APPLIANCES

NEW YORK

NEW YORK CITY

Eisen Wm M Co, 412, 8th av nr Penn Depot .....Chelsea 3372
Linder Robert, 148 E 53d.....Plaza 7200

SURGICAL, DENTAL & VETERINARY INSTRUMENT MFRS

NEW YORK

NEW YORK CITY

Knauth Bros, 220 Fourth av cor 18th....Stuyvsnt 2523
See our Catalog Space, page 960

SURGICAL AND HOSPITAL SUPPLIES

COLORADO

DENVER

Durbin J Surgical Supply Co, 1508 Curtis..Main 1667

MINNESOTA

MINNEAPOLIS

Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 ..... Tri State 51498

NEW YORK

NEW YORK CITY

Thorner Bros, 140, 5th av.....Gramercy 4927

SURGICAL INSTRUMENTS

NEW YORK

NEW YORK CITY

Eny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449
Watters Laboratories The, 53-55, 5th av .....Stuyvesant 746

PENNSYLVANIA

PHILADELPHIA

Penn Surgical Mfg Co Inc, .Bell Kensington 634
1407-09 N 8th.....Keystone Park 5083-A

SURGICAL INSTRUMENTS AND APPLIANCES

NEW YORK

NEW YORK CITY

Livezey Henry (Surgical Specialties, Rubber Goods, Electric Heating Pads, Elastic Hosiery, Supporters, Trusses, Crutches), 198 Broadway.Cortland 6173

SURGICAL INSTRUMENTS AND TRUSSES

INDIANA

INDIANAPOLIS

Armstrong Wm H Company, 34-36 West Ohio ..... Bell-Main 3797 ..... Automatic 26228

SURGICAL & MANICURE IMPLEMENTS

NEW JERSEY

NEWARK

Dorpfeld F W & Co Inc, Rose and Kipp..Waverly 2118

SURGICAL MIRRORS—THROAT MIRRORS

NEW YORK

NEW YORK CITY

Union Broach Co, 256 W 55th.....Circle 4243

SURGICAL AND ORTHOPEDICAL INSTRUMENTS

NEW YORK

NEW YORK CITY

Ford W F S I Co, 118 East 59th st.....Plaza 7537

SURGICAL AND VETERINARY INSTRUMENT MNFRS.

ILLINOIS

CHICAGO

Haussmann & Dunn Co, 708 S Clark....Harrison 4861
Sharp & Smith, 155-157 N Michigan bl..Randolph 3421

NEW YORK

NEW YORK CITY

Sklar J Mfg Co, 133 Floyd st Bklyn....Wmsburg 2329

SURVEYING INSTRUMENTS

NEW YORK

NEW YORK CITY

New York Blue Print Paper Co, 102 Reade.Worth 600

SURVEYING & ENGINEERING INSTRUMENTS

OHIO

CINCINNATI

Pfister Wm H, 230 W 4th.....Main 2819

PENNSYLVANIA

PHILADELPHIA

Heller & Brightly (Engrs, Surveyors, Transits, Levels), 1124 Spring Garden..Poplar 3914

SURVEYORS

ILLINOIS

CHICAGO

Emerson H L, Cook County Surveyor, Chamber of Commerce.....Main 3360
Jones W D, 8 S Dearborn.....Central 3871

NEW YORK

ROCHESTER

Gray W C, 16 State.....Main 761

SUSPENDER MNFRS. AND IMPORTERS

NEW YORK

NEW YORK CITY

Davis & Murphy, (O B French Suspender) 40-42 E 19th .....Gramercy 2378

SUSPENDER MATERIALS FOR EXPORT

NEW YORK

NEW YORK CITY

Levy A A Co Inc, 43 E 19th.....Gramercy 2344

SWABS FOR LIQUID SHOE POLISHES AND RUBBER CEMENTS

ILLINOIS

CHICAGO

Shoe Swab Mfg Co, 544-48 W Lake....Franklin 1358

SWEATERS FOR MEN, WOMEN AND CHILDREN

NEW YORK

NEW YORK CITY

Princely Knitting Mills, 555 Broadway....Spring 9295

SWEATERS, JERSEYS, BATHING SUITS, CARDIGANS, HOCKEYS

NEW YORK

NEW YORK CITY

Panama Knitting Mills, 440 Canal.....Canal 1831

SWEATERS, JERSEYS AND SHAKERS

NEW YORK

NEW YORK CITY

Blum Stanley W Co, 907 Bway.....Gramercy 6706

SWEEPERS, CARPET & VACUUM

MICHIGAN

GRAND RAPIDS

Bissell Carpet Sweeper Co (Export Dept D, 25 Warren New York City Barclay 6544), Main 216

SWEEPING COMPOUNDS

MASSACHUSETTS

SOMERVILLE

White & Leahy (Mfrs of "Settledust"), 57 Allen .....Somerville 4520

MISSOURI

KANSAS CITY

K C Disinfecting & Mfg Co, 112-14 West 7th..... Bell-Main 707 ..... Home-Main 775

NEW YORK

NEW YORK CITY

Clifton Chemical Co, 317-319 Greenwich...Worth 1680
Federal Supply & Mfg Co Inc The, 2 Stone...Broad 2433

OHIO

CLEVELAND

Pioneer Mfg Co The, 10309 Harvard av ..... Bell-Broadway 694 ..... Ohio State-Union 527-R

PENNSYLVANIA

PITTSBURGH

Duquesne Polish Co (Superior), 78 E 13th SS .....Hemlock 162

SWEEPING COMPOUNDS, FACTORY, OFFICE & STORE

MICHIGAN

DETROIT

American Janitor Supply Co, 313-315 Jefferson av E .....Main 1582

SWING JOINTS

NEW YORK

NEW YORK CITY

Williams Franklin Inc, 3[illegible] Cortlandt....Cortland 136

SWING MNFRS. PRCH FURNITURE & CHILD'S SWINGS

OHIO

DAYTON

Dayton Swing Co, Lakeview and Manning....Main 1907

SWITCH BOARD CONTROLLING DEVICES

OHIO

MANSFIELD

Hartman Electrical Mfg Co The, 31 East Fifth .....Independent Mansfield 1295

SWITCH BOARDS

MISSOURI

ST LOUIS

Wurdack Wm El Mfg Co, 23 S 11th....Bell-Olive 3457
.....Kinloch-Central 3976

SWITCH BOARDS—LIGHT AND POWER

ILLINOIS

CHICAGO

Chicago Switchboard Mfg Co, 426-432 S Clinton .....Harrison 942
Electric Apparatus Co, 127 S Green.....Monroe 5276

SWITCHES, ELECTRIC

CONNECTICUT

HARTFORD

"Diamond H" (The Hart Mfg Co) Hamilton .....Charter 2176

ILLINOIS

CHICAGO

"Diamond H" (The Hart Mfg Co) 411 S Jefferson .....Harrison 6521

NEW YORK

NEW YORK CITY

"Diamond H" (The Hart Mfg Co) 30 Church .....Cortland 7936

PENNSYLVANIA

ERIE

Square D Switches (Star Electrical Co, Distributors), 14 West 11th .....Erie 3478

SWITCHES, ELECT HIGH TENTION FUSE & DISCONNECTING

OHIO

COLUMBUS

Fisher-Chase Mfg Co The, 118 Parsons av..East 98

SWITCHES, MOTOR STARTING

CONNECTICUT

HARTFORD

"Diamond H" (The Hart Mfg Co) Hamilton .....Charter 2176

SWITCHES REMOTE CONTROL

CONNECTICUT

HARTFORD

"Diamond H" (The Hart Mfg Co) Hamilton .....Charter 2176

ILLINOIS

CHICAGO

"Diamond H" (The Hart Mfg Co) 411 S Jefferson .....Harrison 6521

NEW YORK

NEW YORK CITY

"Diamond H" (The Hart Mfg Co) 30 Church .....Cortland 7936

SYRUP (MAPLE)

MASSACHUSETTS

BOSTON

New England Maple Syrup Co, Winter Hill .....Somerville 6310

SYRUP, SOFT DRINK PURPOSES, MNFRS.

GEORGIA

ATHENS

Bludwine Co, 227 Oconee .....Athens 1138

SYRUPS AND MOLASSES

MINNESOTA

ST PAUL

Towle Maple Products Co The, 44-56 Chicago av .....Bell Robie 1070
.....Tri State 24384

SYRUPS AND SUGAR

NEW YORK

NEW YORK CITY

Nulomoline Company The (Honey of Sugar), 111 Wall.....Hanover 7294
See our Adv. on inside Front Cover

SYSTEMATIC SAVINGS CLUBS SUPPLIES

OHIO

CLEVELAND

Forman-Bassett Co The, 1427-1433 W 3d .....Bell-Main 4492
.....Ohio State-Central 1361

SYSTEMATIZERS

ILLINOIS

CHICAGO

Grimes J Frank, 30 N Lasalle.....Franklin 1013
Teeter & Niquette, 30 N LaSalle.....Franklin 4344
Thompson Wm W & Co, 30 N LaSalle...Franklin 1013

SYSTEMS—FILING—CORRESPONDENCE AND CARD

OHIO

YOUNGSTOWN

General Fireproofing Co The, East Dennick .....Bell-Main 1250
.....Ohio State 2250

SYSTEMS, INDEX CARD, FILING DEVICES, ETC.

NEW YORK

NEW YORK CITY

Koller & Smith Company Inc, 159 Leonard.Franklin 980

TABLE CLOTHS—HEMSTITCHED AND SCALLOPED

NEW YORK

NEW YORK CITY

Tausend Felix, 576-78 Broadway.....Spring 2345

TABLE PADS AND LUNCHEON MATS (MFRS.)

MINNESOTA

MINNEAPOLIS

Lydon-Bricher Mfg Co, 229 E Hennepin.Tri State 41477

TABLE TOPS

INDIANA

INDIANAPOLIS

Marietta Mfg Co The (Vitro-Marble), 16th & Sherman dr ..... Woodruff 272

TABLES (MNFRS.)

GEORGIA

ATLANTA

Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

TABLES, BEDSIDE AND CARD

INDIANA

ELKHART

Sidway Mercantile Co .....Elkhart 437

TABLES, FOLDING

MICHIGAN

LUDINGTON

Carrom Co The, Ludington av.....Ludington 166

TABLES FOR RESTAURANTS AND ICE CREAM PARLORS

NEW YORK

NEW YORK CITY

Marietta Mfg Co The (Vitro-Marble), 16th & Sherman dr .....Woodruff 272

TABLETS

OHIO

CINCINNATI

Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

DAYTON

Reynolds & Reynolds Co The Washington and R R .....Bell-Main 335
.....Ohio State 4234

TABLETS, BRONZE

OHIO

CLEVELAND

Tyler W S Company The, Superior av and E 36th ..... Prospect 1673

TABLETS, MEDICINAL

MISSOURI

ST LOUIS

Rex Tablet Co, 523 Spruce st.....Bell-Main 1608
.....Kinloch-Central 3692-R

TACKS, MNFRS.

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

OHIO

CLEVELAND

National Screw & Tack Co The, Stanton av S E & C & P R R.....Rosedale 5728

TAG & BAGGAGE CHECK FASTENERS

NEW YORK

BUFFALO

Speed Tag Fastener Co The, Inc WhitebldgSeneca 1129-J

TAG MANUFACTURERS

ILLINOIS

CHICAGO

American Tag Company, (Shipping Tags, Marking Tags, Labels, Paper Goods) 6133-6149 S State .....Wentworth 190
Central Tag Co, 1001 W 21st.....Canal 4600
International Tag Co, 652 W Lake....Haymarket 675

MASSACHUSETTS

BOSTON

American Tag Co of New Jersey, 136 Federal .....Fort Hill 2281

MINNESOTA

MINNEAPOLIS

Acme Tag Company, 2840-2848 Fre Bell-Kenwood 570
mont av S.....Tri State 52-379

NEW JERSEY

NEWARK

American Tag Co of New Jersey, 123 Sussex av .....Branch Brook 4645

NEW YORK

NEW YORK-CITY

American Tag Co of New Jersey, 220 Broadway .....Cortland 1702

PENNSYLVANIA

PHILADELPHIA

Reyburn Mfg Co The, Allegheny av & 23d st.Tioga 4738

WEST CHESTER

Denney Tag Co Inc, Barnard st....West Chester 21
Keystone Tag Co, West Chester..West Chester 216-W

TAG & TAG ENVELOPE MNFRS.

NEW YORK

CALEDONIA

Allen-Bailey Tag Co, Lehigh st.....Caledonia 146

TAG & TAG HOOK MNFRS.

ILLINOIS

CHICAGO

Auman Frank G Co The, 168 N Michigan.Randolph 2953

TAGS, METAL—BLANK OR LETTERED

ILLINOIS

CHICAGO

Cox W W Mfg Co, 564 W Randolph...Franklin 3861

PENNSYLVANIA

PITTSBURGH

Pannier Bros Stamp Co, 207 209 Sandusky .....Bell-Cedar 5185
P&A-North 152

TAGS, PAPER CLIPS & PIN TICKETS (MNFRS.)

NEW YORK

MT VERNON

Noesting Pin-Ticket Co Inc, 2-4 Wilson pl .....Mt Vernon 3500

TALC

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

Binney & Smith Co, 81 Fulton.....Beekman 4020

TALCLAY, ETC.

MASSACHUSETTS

BOSTON

Trothingham Chas R, 10 High.....Fort Hill 5214

TALKING MACHINE MOTORS AND PARTS

ILLINOIS

CHICAGO

Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941

TALKING MACHINE REPAIRING

ILLINOIS

CHICAGO

Bryan Charles, 180 N Dearborn.....Central 8163

TALKING MACHINES, MNFRS.

ILLINOIS

CHICAGO

Gabel's Entertainer Co ("Gabel-Ola"), 210 N Ann .....Monroe 5398
Shure N Co, 237-241 W Madison.....Main 3482
Vitanola Talking Machine Co, 501 to 509 W 35th .....Drover 9900

TALKING MACHINES, MFRS. EXPORTERS & WHOLESALERS

NEW YORK

NEW YORK CITY

Popular Talking Machine Co Inc, 253 Bowery. .....Orchard 4148

TALLOW

ILLINOIS

CHICAGO

Stern Jacob & Sons, 327 S LaSalle.....Harrison 6727

PENNSYLVANIA

PHILADELPHIA

Stern Jacob & Sons, 428 N 3d.....Market 741

TALLOW AND GREASE

ILLINOIS

CHICAGO

Sterne & Son Co, 140 W VanB.....Harrison 4797

NEW YORK

UTICA

Stappenbeck H & Sons, 2000 Canal.....Utica 412

TANK BLOCKS, REFRACTORY BLKS, POTS FOR GLASS HOUSES

MISSOURI

ST LOUIS

Laclede Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 955

TANK CAR REPAIRING

PENNSYLVANIA

TITUSVILLE

Odell Construction Co, S Perry St P RR...Union 41

TANK CARS

NEW YORK

NEW YORK CITY

Acme Steel Products Co Inc, 30 Church Cortland 6424

TANK CARS BUILT, REBUILT AND REPAIRED

CALIFORNIA

SAN FRANCISCO

Pennsylvania Tank Car Co, 503 Market....Sutter 2341

MISSOURI

ST LOUIS

Pennsylvania Tank Car Co, 3d Nat Bank bldgOlive 3464

NEW YORK

NEW YORK CITY

Pennsylvania Tank Car Co, 50 Church....Cortland 3492

PENNSYLVANIA

PITTSBURGH

Pennsylvania Tank Car Co, Frick bldg....Grant 5157

SHARON

Pennsylvania Tank Car Co, Sharon..Petroleum O. 791

TANK CARS, LEASED

CALIFORNIA

SAN FRANCISCO

Pennsylvania Tank Line, 503 Market.....Sutter 2341

MISSOURI

ST LOUIS

Pennsylvania Tank Line, 3d Nat Bank bldg.Olive 3464

NEW YORK

NEW YORK CITY

Pennsylvania Tank Line, 50 Church....Cortland 3492

PENNSYLVANIA

PITTSBURGH

Pennsylvania Tank Line, Frick bldg.....Grant 5157

SHARON

Pennsylvania Tank Line, Sharon ...Petroleum,O. 791

TANK WORK OF ALL KINDS

PENNSYLVANIA

TITUSVILLE

Odin Construction Co, S Perry St P R R...Union 41

TANKS

ILLINOIS

CHICAGO

Downey T F Boiler Works, 321-323 W Austin av ....Franklin 1949

JOLIET

Farrell Kemp & Gushe Co, Cass & Bissel...Joliet 2555

NEW JERSEY

HOBOKEN

Schwarzwalder J & Sons, Inc (Round, Rectangular & Oval of Wood) 15th and Jefferson..Hoboken 1581

NEW YORK

NEW YORK CITY

Hydro & Chemical Tank Co, Established 1890 (Manufacturers and Builders of Wooden Tanks for all purposes. Gravity and House Tanks installed and Repaired) 15 John.....Cortland 2138

Isseks David, 94 Mangin.....Orchard 264

See our Catalog Space, page 1014

Mayer Tank Mfg Co Inc, 212-220 Russell Brooklyn ....Greenpt 1909

Rosenwach J (Wooden Tanks for all purposes), 615-625 Grand.....Orchard 1338

OHIO

CINCINNATI

Tudor Boiler Mfg Co The, 715 E 3d.....Canal 3430

PENNSYLVANIA

MIDLAND

Treadwell Construction Co.....Midland 62

WISCONSIN

MILWAUKEE

Milwaukee Reliance Boiler Works, 1102-30, 32d ....Kilbourn 262

TANKS—AIR-DRUMS

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S Lasalle.....Harrison 2391

DECATUR

Leader Iron Wks.....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th.....Murry Hill 330

TANKS AIR & LIQUIDS

PENNSYLVANIA

PITTSBURGH

Scaife Wm B & Sons Co, 1st Nat'l Bk Bldg ....Oakmont 9

See our Catalog Space, page 1014

TANKS, AIR RECEIVERS

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S LaSalle. Harrison 2391

DECATUR

Leader Iron Wks..... Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th.....Murry Hill 330

TANKS—CAR FOR TRANSPORTATION OF ALL LIQUIDS

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush ....Bell-Alliance 31 Ohio State 3268

TANKS—CAST IRON

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av ....Oxford 40

TANKS & CISTERNS

ILLINOIS

CHICAGO

Eagle Tank Co, 2426-2456 N Crawford av.Albany 6250

TANKS AND DYE TUB MNFRS.

RHODE ISLAND

PAWTUCKET

Pawtucket Sash & Blind Co, 24 Mason.Pawtucket 785

TANKS FOR STOCK RAISERS, EXTRA HEAVY WEIGHT, WELDED

INDIANA

RICHMOND

Weldex Company, 12th and North E...Automatic 1494

TANKS, GALVANIZED STEEL

ILLINOIS

BUSHNELL

Bushnell Pump Co, South Dean ....Bell-Bushnell 25 Home-Main 13

TANKS—GAS HOLDERS—TOWERS

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

TANKS, GASOLINE AND WATER SHEET METAL WORK

OHIO

SANDUSKY

Mertz John Mfg Co, cor Water & Decatur ....Bell-Main 257-W Ohio State-Home 626-W

TANKS, HIGH PRESSURE

NEW YORK

NEW YORK CITY

Welding Supply Co, 132 Nassau.....Beekman 4460

See our Catalog Space, page 1014

TANKS—HOT WATER STORAGE

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S LaSalle.....Harrison 2391

DECATUR

Leader Iron Wks .....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th.....Murry Hill 330

TANKS—HYDRO PNEUMATIC

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S LaSalle.....Harrison 2391

DECATUR

Leader Iron Works.....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th.....Murry Hill 330

TANKS, IRON & STEEL

NEW YORK

NEW YORK CITY

Fogarty Michael Inc, 531 W 33d.....Greeley 3465

PENNSYLVANIA

FRANKLIN

Jones R E & Co, cor Chestnut & Hillside av ....Franklin 84-R

TANKS, IRON & WOOD (OIL COUNTRY GOODS)

PENNSYLVANIA

PITTSBURGH

Simpson Bros, Oakdale .....Oakdale 46-J

TANKS, MNFRS. ALL KINDS IRON AND STEEL

ILLINOIS

CHICAGO

Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland ....Lincoln 4533

TANKS, MNFRS—ALL SIZES, ALL PURPOSES

OHIO

NILES

Standard Boiler & Plate Iron Co The, D Street Extension .....Niles 77

TANKS MANUFACTURERS, IRON, STEEL, STORAGE & PRESSURE

OHIO

AKRON

Biggs Boiler Works Co The, Seneca & Bank.....Bell-Main 5050 Ohio State 2121

TANKS, MNFRS. METAL

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Schmidt Samuel, 158-160 N Desplaines...Haymkt 71

MARYLAND

BALTIMORE

Vaile & Young, Calvert & Beaufort.....St. Paul 4713

TANKS MANUFACTURERS, OIL WAGON, OIL STORAGE, ETC.

OHIO

DAYTON

Buckeye Boiler Co The, 1616 McLain.....East 626

TANKS MANUFACTURERS, RED-WOOD

NEW YORK

NEW YORK CITY

Acme Tank Co, 39 Cortlandt .....Cortland 2520
See our Catalog Space, page 1015

TANKS, MNFRS. SHEET IRON, COPPER & TIN

ILLINOIS

CHICAGO

) L & F Co The, 516 N Lasalle.....Superior 9166

MARYLAND

BALTIMORE

aile & Young, Calvert and Beaufort.....St. Paul 4713

ANKS, MNFRS., STEEL FOR ALL URPOSES, RIVETED, WELDED

ILLINOIS

CHICAGO

renkhorst Frank Mfg Co, 902 Larrabee.Superior 371

OHIO

DAYTON

ckeye Boiler Co The, 1617 McLain.....East 626

ANKS, MFRS. STEEL, GALVA-NIZED

ILLINOIS

CHICAGO

gle Tank Co, 2426-2456 N Crawford av.Albany 6250

ANKS MFRS. STEEL PNEUMATIC WATER SUPPLY, AIR RECVRS.

OHIO

AKRON

gs Boiler Works Co The, Bell-Main 5050
Seneca & Bank .....Ohio State 2121

TANKS, MNFRS. STEEL STORAGE GASOLINE AND PNEUMATIC

ILLINOIS

CHICAGO

Chicago Boiler Co, 1965 Clybourn av.....Lincoln 1466

OHIO

DAYTON

Buckeye Boiler Co The 1617 McLain.....East 626

PENNSYLVANIA

HAMBURG

Hamburg Tank Works.....Bell-Hamburg 111-R-4
..... Consolidated-6-4

TANKS MANUFACTURERS STEEL STORAGE, OILS, GASOLINE, ETC.

OHIO

AKRON

Biggs Boiler Works Co The, Bell-Main 5050
Seneca & Bank.....Ohio State 2121

TANKS MANUFACTURERS—WOOD

ILLINOIS

CHICAGO

Eagle Tank Co, 2426-2456 N Crawford av.Albany 6250
Johnson & Carlson, 848 Eastman.....Lincoln 782

LOUISIANA

SHREVEPORT

Jennings Cypress Tank Co, 2004
Seymour .....Shreveport 3027

NEW YORK

NEW YORK CITY

Acme Tank Co, 39 Cortlandt .....Cortland 2520
See our Catalog Space, page 1015

WISCONSIN

MILWAUKEE

Dunck Tank Works, 878-880-882, 30th..Kilbourn 421

TANKS, MANUFACTURERS—WOOD & SILOS

OHIO

CINCINNATI

Hauser Stander Tank Co The, Bank and
Western ..... West 395

TANKS AND PUMPS FOR GASO-LINE AND OIL

WISCONSIN

MILWAUKEE

Milwaukee Tank Works, Becher and
Kinnickinnic av .....Hanover 1179

TANKS RIVETED & WELDED

ILLINOIS

CHICAGO

Lasker Iron Works, 3201 to 3299 S
Lincoln .....McKinley 3700
See our Catalog Space, page 924
Leader Iron Wks, 327 S LaSalle.....Harrison 2391

DECATUR

Leader Iron Wks .....Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th .....Murry Hill 330

TANKS—SEAMLESS STEEL

ILLINOIS

CHICAGO

Pressed Steel Tank Co, 208 S LaSalle..Wabash 6489

TANKS, SECOND HAND, STORAGE & PRESSURE

MISSOURI

ST LOUIS

Greenspon's Jos Sons Iron & Steel Co,
Second and Branch .....Tyler 236

TANKS, SLATE

NEW YORK

NEW YORK CITY

New York Slate Works The, 255 E 138th..Melrose 3253

TANKS, SMOKE STACKS, ETC.

ILLINOIS

CHICAGO

Hamler Boiler & Tank Co, 3906 S Halsted.Yards 947

OHIO

DAYTON

Buckeye Boiler Co The, 1617 McLain.....East 626

TANKS, STACKS & DREDGE PIPE

PENNSYLVANIA

LANCASTER

Lancaster Iron Works Inc, Hager Bell-Lancaster 2
and Prince .....Independent 272

TANKS, STEAM BOILERS, STACKS AND BREECHINGS

MINNESOTA

ST PAUL

Kenney Boiler & Mfg Co, 423 E Bell-Cedar 1067
6th .....Tri State 24570

TANKS, STEEL

ARKANSAS

LITTLE ROCK

Bemberg & Sons Iron Works, E 10th
and Fairview .....Main 2227

CALIFORNIA

SAN FRANCISCO

Petroleum Iron Works Company of Ohio
The, 303 Market.....Sutter 2341
Wood John Mfg Co, 268 Market.....Garfield 1787

ILLINOIS

CHICAGO

Acme Boiler & Tank Co, 4858 and Aberdeen .....Yards 7409
Graver Wm Tank Works, 56 E Jackson, M Wabash 2070
See our Catalog Space, page 1018
Wood John Mfg Co, 321 E Grand av..Superior 4111

TANKS, STEEL—CONTINUED

INDIANA

EAST CHICAGO

Graver Wm Tank Works, 4801 Tod av..E Chgo 204
See our Catalog Space, page 1013

MARYLAND

BALTIMORE

Vaile & Young, Calvert & Beaufort.....St Paul 4713

MASSACHUSETTS

BOSTON

Wood John Mfg Co, 32 Dorchester av...So Boston 480

MINNESOTA

ST PAUL

St Paul Roofing, Cornice & Ornament Co, S Wabasha and Water.....Bell-Robie 800 Tri State 25855

MISSOURI

ST LOUIS

Petroleum Iron Works Company of Ohio The, 3d Nat Bank bldg.....Olive 3464

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Riveted, Welded—Special Plate Work), 28 Church....Cortland 7673
Petroleum Iron Works Company of Ohio The, 50 Church.....Cortland 3492
Wood John Mfg Co, Bush Terminal Brooklyn.....Sunset 6483

PENNSYLVANIA

PHILADELPHIA

Wood John Mfg Co, 1225 Hamilton.....Poplar 7638

PITTSBURGH

Petroleum Iron Works Company of Ohio The, Frick bldg.....Grant 5157

SHARON

Petroleum Iron Works Company of Ohio The, Sharon.....Petroleum O 791

WARREN

Hammond Iron Works.....Warren 1150
See our Catalog Space, page 1015

TEXAS

BEAUMONT

Bollinger John Jr Inc, 1001 Railroad av Beaumont 1267

HOUSTON

Tofte Boiler & Sheet Iron Works, 78 Schump.....Preston 476

TANKS STEEL (ALL KINDS, RIVETED AND WELDED)

ILLINOIS

QUINCY

Michlemann Steel Construction Co, Second and Hampshire.....Main 556

TANKS STEEL, BOILERS AND STACKS

CALIFORNIA

SAN FRANCISCO

Ocean Shore Iron Works, 550, 8th.....Market 462

TANKS—STEEL—OIL—WATER & STORAGE

OHIO

WARREN

Heltzel Steel Form & Iron Co The, Thomas rd.....Warren 2247

TANKS, STEEL STACKS AND BOILERS

MICHIGAN

MUSKEGON

Rodgers Boiler & Burner Co, G R & I Tracks and Grand av.....Muskegon 2313

TANKS STEEL—STORAGE FOR ALL PURPOSES

OHIO

ALLIANCE

Reeves Brothers Co The, 338 Rush.....Bell-Alliance 31 Ohio State 3268

TANKS, STEEL—USED EQUIPMENT—LARGE & SMALL

PENNSYLVANIA

PITTSBURGH

Moore Edgar M & Co, Farmers Bank bldg.....Grant 1516
See our Catalog Space, page 976
Pittsburgh Machinery & Equipment Co, Fulton bldg.....Grant 3047

TANKS: STORAGE (OIL, MOLASSES, CREOSOTE, ETC.)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway.....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main and Grove.....Main 694

TANKS, TO ORDER, EVERY DESCRIPTION

MISSOURI

ST LOUIS

Ruemmeli-Dawley Mfg Co The, 3900 Chouteau av.....Grand 2346

TANKS AND TOWERS—OIL

GEORGIA

MACON

Schofield's J S Sons Co, Boundra and Hammond.....Macon 982

TANKS, WATER, IRON OR STEEL

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway.....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main and Grove.....Main 694

TANKS, WELDED AND RIVETED, NEW AND REBUILT

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 3756

TANKS—WELDED STEEL

MICHIGAN

DETROIT

Welded Steel Barrel Corporation, Hart and Charlevoix.....Hickory 1898

WISCONSIN

MILWAUKEE

Heil Company The, 26th and Montena avs.Orchard 990

TANKS, WELDED, STEEL OIL BARRELS & TANKS

MINNESOTA

ST PAUL

Brown Sheet Iron & Steel Co, 964 Barry av.....Bell-Midway 257 Tri State 82382

TANKS, WOOD

ILLINOIS

BUSHNELL

Bushnell Pump Co, South Dean.....Bell 25 Home-Main 13

TANKS, WOOD AND STEEL TOWERS

ILLINOIS

BATAVIA

U S Wind Eng & Pump Co, 29 Water...Batavia 2

CHICAGO

Wendnagel & Co, 22d and Jefferson.....Canal 2140

ELGIN

American Tower & Tank Co, 5 Oak.....Elgin 1780

MARYLAND

BALTIMORE

Baltimore Cooperage Co The, 1223 Leadenhall.....South 889

TANNERS, CHROME & ORIGINAL WHITE SOLE LEATHER

OHIO

CINCINNATI

Bangert John & Sons, Straight and Massachusetts av.....West 1165

TANNERS AND CURRIERS OF PURE OAK TANNED LEATHER

INDIANA

COLUMBUS

Mooney W W & Sons Inc (For harness, belting, russet strap and flexible sole leather), West End Fifth.....Columbus 284

TANNERS' FINISHES & STAINS

MASSACHUSETTS

BOSTON

S & F Blacking Co, 258 Purchase....Fort Hill 1531

TANNERS, FUR DRESSERS & ROBE MNFRS.

MINNESOTA

MINNEAPOLIS

Foster Robe & Tanning Co, 419, 14th avTri State 41132

TANNERS OF CHROME UPPER LEATHERS

ILLINOIS

CHICAGO

Imperial Tanning Co, 2817-21 N Oakley av .....Humboldt 7977

OREGON

PORTLAND

Weber Tanning Co (Also Harness Collar and Latigo Leather), 1710 Macadam st.....Main 7550

TANNERS, PIGS SKINS

OHIO

CINCINNATI

Millcreek Tanning Co The, 1018 Berlin.....West 4260

TANNERS & TAXIDERMISTS

MISSOURI

KANSAS CITY

ansas City Robe & Tanning Co, 110 W 3d st .....Home-Main 7994

TANNERS' SUPPLIES

ILLINOIS

CHICAGO

oenitz Louis T, 375 W Ontario.....Superior 5411

TANNING MATERIALS

MASSACHUSETTS

BOSTON

ntgomery W L & Co, 10 High.....Main 971

AP EXTENSIONS

CONNECTICUT

HARTFORD

en Mfg Co, 135 Sheldon.....Charter 4490

ILLINOIS

CHICAGO

en Mfg Co, 130 N Wells.....Franklin 5326

IPE (ADVERTISING)

ILLINOIS

CHICAGO

or Tape Co, 2689 Holly av.....Armitage 3817

IPE (ADVERTISING TYING)

ILLINOIS

CHICAGO

ago Printed String Co, 313 S LaSalle.Harrison 897

TAPE, GUMMED CLOTH, PAPER AND SEALING TAPE

ILLINOIS

CHICAGO

Chicago Gum Tape Co, 187 N Dearborn Randolph 3640

WISCONSIN

MILWAUKEE

Rexford Gummed Tape Co, 598 Clinton..Hanover 314

TAPE SEALING MACHINES

WISCONSIN

MILWAUKEE

Rexford Gummed Tape Co, 598 Clinton...Hanover 314

TAPERS

NEW YORK

NEW YORK CITY

Columbia Wax Works, 749-751 East 137th.Melrose 2783

TAPES (COTTON MERCERIZED AND SILK)

ILLINOIS

CHICAGO

Barton F C, Brooks bldg 223 WJacksonbl.Wabash 2741

MASSACHUSETTS

BOSTON

Barton F C, 70 Kilby.....Fort Hill 647

NEW YORK

NEW YORK CITY

Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Featherstitch Braids, Trimmings, -Spool Braids, Bindings) 114, 5th av .....Chelsea 8283
Gates Thos B M, 315, 4th av cor 24th..Gramercy 4629

TAPES (MEASURING)

ILLINOIS

CHICAGO

Chicago Steel Tape Co, 6231 Cottage Grove av .....Hyde Park 1558
Chicago Tape & Label Co, 519 N Spaulding av .....Kedzie 2295

MICHIGAN

SAGINAW

Lufkin Rule Co The, Hess st.....Saginaw 295

NEW YORK

NEW YORK CITY

Hodes David H, (Sanitary Tape (2 in 1) Patented), 142 Fulton.....Cortland 1403
Lufkin Rule Co The, 106-110 Lafayette.Franklin 4368

TAPES—SHOE LACES, WEBBING AND BELTING

NEW YORK

NEW YORK CITY

American Cord & Webbing Co, 105 HudsonFranklin 4109

TAPES AND WEBBINGS

ILLINOIS

CHICAGO

Fleig L L & Co, 216 W Austin av.....Franklin 2637

TAPS (ADJUSTABLE, COLLAPSING)

CALIFORNIA

SAN FRANCISCO

Geometric Tool Co The, (Geed Machinery and Supply Co, Rep), 3951 Stevenson..Sutter 6750

CONNECTICUT

NEW HAVEN

Geometric Tool Co The, Blake and Valley.Liberty 840

ILLINOIS

CHICAGO

Geometric Tool Co The, 545 W Washington bl .....Franklin 3835
Modern Tool Co (R H Wood, Mgr), 32 N Clinton .....Main 2342

MASSACHUSETTS

BOSTON

Geometric Tool Co The, (Hill, Clark & Co Inc, Rep), 156 Oliver.....Main 4438

MICHIGAN

DETROIT

Geometric Tool Co The, (The Chas A Stelinger Co, Rep), 43-51 E Larned.....Main 5605
Modern Tool Co (H T White, Mgr), Dime Bank bldg.....Cherry 1342

NEW YORK

NEW YORK CITY

Geometric Tool Co The, (Vandyck Churchill Co Rep), Singer bldg.....Cortland 714
Modern Tool Co (P B Oatman, Mgr), 2 Rector .....Rector 6639
Modern Tool Co (F Wesley Parkes, Mgr Export Dept), 2 Rector st.....Rector 6161

PENNSYLVANIA

ERIE

Modern Tool Co, 4th and State.....Bell 2140

PHILADELPHIA

Geometric Tool Co The, (Vandyck, Churchill Co, Rep), Widener bldg.....Bell-Walnut 2957
.....Keystone-Main 3540

TAPS AND DIES (FOR ALL PURPOSES) MNFRS

ILLINOIS

CHICAGO

Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

MASSACHUSETTS

GREENFIELD

Greenfield Tap and Die Corporation....Greenfield 900

NEW YORK

NEW YORK CITY

Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

TAR BY-PRODUCTS, INSECTICIDES, DISINFECTANTS

WASHINGTON

TACOMA

Standard Chemical Co (Creosote, Oils, Carbolineum, Cresols, Benzol, Fertilizers), 22nd and Dock sts .....Main 5486

TAR, TAR OIL, COAL TAR & PINE TAR

ILLINOIS

CHICAGO

Northwestern Pine Tar Co, 1901 Diversey Pkway .....Lincoln 1462

TARPAULINS

GEORGIA

ATLANTA

Atlanta Tent & Awning Co.....East Point 483

MINNESOTA

MINNEAPOLIS

Hoigaard C J Co, 30 Washington av Bell-Nicollet 2320
.....Tri State 31883

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co Park and Dolman, Dept D.....Sidney 3700

NEW YORK

NEW YORK CITY

Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope Canvas Slings), Marin Basin Ft Hubbard Bklyn .....Bath Beach 2084
Columbus Mfg & Supply Co Inc, 830, 9th av .....Columbus 7171
Curtin John Inc, 2 South.....Bowling Green 8866
Endicott Hammond Co, 50 West...Bowling Green 9567
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017

TARPAULINS, WATERPROOF COVERS & BAGS—ALL USES

NEW YORK

NEW YORK CITY

Stanley W W, 50 Church.....Cortland 5119

TARRED FELT AND PITCH

OHIO

CINCINNATI

Chatfield Mfg Co The, 74th and Lebanon..Valley 600

TASSELS

NEW YORK

NEW YORK CITY

Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078
Manheim A & Co, 19 W 18th.....Chelsea 3971
New York Tassel & Cord Co Inc, 35 Howard .....Canal 8618

TASSELS, CORDS, TRIMMINGS, ORNAMENTS AND POMPONS

NEW YORK

NEW YORK CITY

Hofmann & Ellrodt Inc, 16-18 W 22d..Gramercy 4323

TASSELS, ORNAMENTS, FLOWER TRIMMINGS, ETC

NEW YORK

NEW YORK CITY

Rosenblum & Co, 42 W 18th and 45 W 17.Farragut 5884

TAXI SERVICE

GEORGIA

ATLANTA

Carrier Taxi Service, 5 N Pryor opp Union Sta .....Bell-Main 1107
Atlanta-Main 150

TAXIDERMISTS

ILLINOIS

CHICAGO

Kaempfer W C, 212-214 W Elm.....Superior 3622
Kahmann Karl W, 2509-2511 Lincoln av..Lincoln 2485

MICHIGAN

DETROIT

Eppinger Lou J, 76 Congress East.....Cherry 5823
Gardiner The Taxidermist, 338, 2d av....Cherry 636

MINNESOTA

MINNEAPOLIS

Northwestern Taxidermy Co, 415, 2d N E .....Bell-East 5465
Tri State 42119

NEW YORK

NEW YORK CITY

Sauter Fred, 42 Bleecker.....Spring 4569

TAXIMETERS

NEW YORK

NEW YORK CITY

American Taximeter Co, 1756 Broadway...Circle 533

TEA POTS, FANCY GOODS, DINNER-WARE

NEW YORK

NEW YORK CITY

Slimmon Robert & Co, 96 Church.....Barclay 6040

TEA, WHOLESALE

ILLINOIS

CHICAGO

Hathaway Geo H & Co, (Restaurants and Hotels Supplied), 358 River.....Central 3243

TEACHERS AGENCIES

ILLINOIS

CHICAGO

Yates-Fisher Teachers Agency The, 624 S Michigan av.....Harrison 2642

OREGON

PORTLAND

Yates Fisher Teachers Agency The (John D Stout), Broadway bldg.....Main 5276

TENNESSEE

NASHVILLE

Yates-Fisher Teachers Agency The (H D Yates), Stahlman bldg.....Main 1857

TELEGRAPH APPARATUS-RADIO

NEW YORK

NEW YORK CITY

Cardwell Allen D, 251 W 19th st.....Farragut 2084

TELEGRAPH EQUIPMENT (PRINTING)

NEW YORK

NEW YORK CITY

American Telegraph Typewriter Co, 251 W 19th st .....Farragut 2084

TELEGRAPH OPERATORS' SUPPLIES

NEW YORK

NEW YORK CITY

Vibroplex Co The Inc, 253 Bway.....Barclay 6895
See our Catalog Space, page 1020

TELEGRAPHONES (TELEGRAPHONE DISTRIBUTORS)

MINNESOTA

MINNEAPOLIS

Telegraphone Distributing Co, Andrus bldg .....Bell- Nicollet 1651
Tri State 31837

TELEPHONE BOOK COVERS

WISCONSIN

MILWAUKEE

Arnold Company, Enterprise bldg.....Grand 3449

TELEPHONE CORDS, CABLES, WIRES FOR TEL. SYSTEMS

ILLINOIS

CHICAGO

Runzel Lenz Electric Mfg Co, 1751 N Western av .....Humboldt 894

TELEPHONE EQUIPMENT, BOUGHT AND SOLD

ILLINOIS

CHICAGO

Standard Telephone Repair Co, 321 N Crawford av .....Garfield 2119

TELEPHONE EXCHANGE EQUIPMENT (COMPLETE)

ILLINOIS

CHICAGO

Kellogg Switchboard & Supply Co, 1066 W Adams .....Haymarket 960
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl.....Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av.....Ravenswood 884

MISSOURI

KANSAS CITY

Stromberg Carlson Telephone Mfg Co, 1322 Main .....Grand 1376

NEW YORK

ROCHESTER

Stromberg-Carlson Telephone Mfg Co Bell-Chase 1027
1050 University av.....Rochester-Stone 1941

TELEPHONE LINE SUPPLIES

ILLINOIS

CHICAGO

Kellogg Switchboard & Supply Co, 1066 W Adams .....Haymarket 960
Swedish American Telephone Mfg Co, 5235 Ravenswood av.....Ravenswood 884

TELEPHONE SLUGS (PATENTED)

ILLINOIS

CHICAGO

Yale Slot & Slug Co, 179 W Washington....Main 4698

TELEPHONE SWITCHBOARDS (FARM, TOWN AND CITY)

ILLINOIS

CHICAGO

Kellogg Switchboard & Supply Co, 1066 W Adams ..... Haymarket 960
Standard Telephone Repair Co, 321 N Crawford av ..... Garfield 2119
Stromberg Carlson Telephone Mfg Co 710 W Jackson bl ..... Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av ..... Ravenswood 884

MISSOURI

KANSAS CITY

Stromberg Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

NEW YORK

ROCHESTER

Stromberg Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

OHIO

GALION

North Electric Co The, South Market ..... Bell-Main 269, Ohio State 380

TELEPHONE SYSTEMS—INTER-COMMUNICATING

ILLINOIS

CHICAGO

Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl ..... Haymarket 3936

MISSOURI

KANSAS CITY

Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

NEW YORK

NEW YORK CITY

American Watchman's Clock Co, 150 Nassau ..... Beekman 4659

ROCHESTER

Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

TELEPHONE TIMING DEVICES

PENNSYLVANIA

PHILADELPHIA

Graves Timing Device Co, 2630 Parkway . Poplar 3764
See our Catalog Space, page 1016

TELEPHONES, (AUTOMATIC, INTERCOMMUNICATING)

NEW YORK

NEW YORK CITY

Microphone-Detector Co Inc, 26 Cortland . . Cotrland 7290

RHODE ISLAND

PROVIDENCE

Select-O-Phone Co, 1012 Eddy ..... Broad 4400

TELEPHONES (AUTOMATIC LOUD TALKING)

NEW YORK

NEW YORK CITY

Microphone-Detector Co Inc, 26 Cortland . . Cortland 7290

TELEPHONES (CITY, RURAL AND SPECIAL)

ILLINOIS

CHICAGO

Standard Telephone Repair Co, 321 N Crawford av ..... Garfield 2119

NEW YORK

BUFFALO

Century Telephone Construction Co, Bell-North 3639
1738 Elmwood av ..... Federal 41-343

TELEPHONES (FARM, TOWN AND CITY)

ILLINOIS

CHICAGO

Kellogg Switchboard & Supply Co, 1066 W Adams ..... Haymarket 960
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl ..... Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av ..... Ravenswood 884

MISSOURI

KANSAS CITY

Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

NEW YORK

ROCHESTER

Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

TELEPHONES (HOTEL, RAILWAY FIELD, MINE, SPECIAL SERVICE)

ILLINOIS

CHICAGO

Kellogg Switchboard & Supply Co, 1066 W Adams ..... Haymarket 960

TELEPHONES, INTERIOR (FACTORIES, APARTMENT BLDGS.)

CALIFORNIA

SAN FRANCISCO

Connecticut Telephone & Electric Co, (A L Myers & Co), 111 New Montgomery . . Garfield 1310

CONNECTICUT

MERIDEN

Connecticut Telephone & Electric Co, 70 Britannia ..... Meriden 1400

GEORGIA

ATLANTA

Connecticut Telephone & Electric Co, (Sumter Tel Supply Co), 32 Fairlie ..... Ivy 2169

ILLINOIS

CHICAGO

Connecticut Telephone & Electric Co, (Walter C Rardin), 549 Washington bl ..... Franklin 5157

MASSACHUSETTS

BOSTON

Connecticut Telephone & Electric Co, (Geo W Connor), 127 Federal ..... Fort Hill 2054

MICHIGAN

DETROIT

Connecticut Telephone & Electric Co, (Electrical Specialties Co), 69 State ..... Cadillac 768

MINNESOTA

MINNEAPOLIS

Connecticut Telephone & Electric Co, (R M Laird Elec Co), 223 S 5th ..... Main 2672

MISSOURI

ST LOUIS

Connecticut Telephone & Electric Co Bell-Olive 3476
(F C Picker), Wright bldg . . . Kinloch-Central 6233

NEW YORK

NEW YORK CITY

Connecticut Telephone & Electric Co, (Stoelman Elec Co), 1931 Broadway Columbus 4147

PENNSYLVANIA

PHILADELHPIA

Connecticut Telephone & Electric Co, (Herbert Bryan), 716 Sansom ..... Filbert 5775

TELEPHONES, LOCK OUT FOR PARTY LINES

ILLINOIS

CHICAGO

Standard Telephone Repair Co, 321 N Crawford av ..... Garfield 2119

TELEPHONES, REBUILT

ILLINOIS

CHICAGO

Standard Telephone Repair Co, 321 N Crawford av ..... Garfield 2119

TELESCOPIC OILERS—MNFRS.

ILLINOIS

CHICAGO

Nugent Wm W & Co, 146-148 W Superior Superior 3309

TEMPERING POTS

NEW JERSEY

GARWOOD

Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

TEMPORARY BINDERS

NEW YORK

NEW YORK CITY

Gem Binder Co The, 65 West Broadway . . Barclay 5927

TENNIS RACKETS

RHODE ISLAND

PAWTUCKET

Bancroft F J, 35 Bayley ..... Pawtucket 3147

TENTS

GEORGIA

ATLANTA

Atlanta Tent & Awning Co ..... East Point 483

ILLINOIS

CHICAGO

Kerr D M Mfg Co, 1007 W Monroe ..... Monroe 333
United States Tent & Awning Co, [illegible] N Desplaines ..... Haymarket 444

TENTS—CONTINUED

MASSACHUSETTS

BOSTON

Hoyt George T Co, 52 South Market...Richmond 1615
Nickerson L, 173 State.....Richmond 986
Trundy & Co, 165 Milk.....Main 2242

MINNESOTA

MINNEAPOLIS

Hoigaard C J Co, 30 Washington av..Bell-Nicollet 2320
.....Tri State 31883

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co, Park and Dolman · Dept D.....Bell Sidney 3700

NEW YORK

NEW YORK CITY

Columbus Mfg & Supply Co Inc, 830, 9th av .....Columbus 7171
Smith Arthur F, 261-267 Canal..Telephone Connections
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TEXAS

DALLAS

Dallas Tent & Awning Co, Bell-S W Main 300
2620 Main .....Auto-M 3008

TENTS AND AWNINGS

GEORGIA

ATLANTA

Cotton States Tent Co, 84-86 Marietta.....Main 2890

INDIANA

INDIANAPOLIS

Advance Tent & Awning Co, 313 Bell-Main 3082
Adelaide .....Automatic 22-293
Indianapolis Tent & Awning Co, 447- Bell-Main 1122
449 E Washington .....Automatic 21-122

OHIO

CINCINNATI

Queen City Awning & Tent Co. 222 E 6th..Canal 437
Ryling John & Son, 216 E 8th.....Canal 455

TENNESSEE

NASHVILLE

Southern Tent & Awning Co, 312, 1st av North.....Main 678

TENTS, AWNINGS & COVERS

TENNESSEE

NASHVILLE

Hough Carter Tent & Awning Co, 434 Deaclerivk .....Main 1690

TENTS, AWNINGS & TARPAULINS

NORTH CAROLINA

GREENSBORO

Greensboro Tent & Awning Co, 272½ S Elm .....Greensboro 2213

OHIO

CINCINNATI

Scherz John Sons, 1006-10 Freeman av....West 296

OKLAHOMA

MUSKOGEE

Klos E W Mfg Co, 217 N 3d.....Muskogee 1150

TULSA

National Tent & Awning Co, 111 N Main...Osage 780

TENTS, AWNINGS AND TARPAULINS—WHOLESALE

INDIANA

TERRE HAUTE

Terre Haute Tent & Awning Co, 434- Terre Haute 937
436 N 9th .....Citizens 48

TENTS & COUCH HAMMOCKS

CONNECTICUT

BRIDGEPORT

Connecticut Canvas Mfg Co The.....Barnum 7173

TENTS, FLAGS AND CANVAS GOODS

ILLINOIS

CHICAGO

Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

TENTS, FOR EXPORT AND GOVERNMENT USE

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane.....Worth 4770

TENTS AND TARPAULINS

ARKANSAS

LITTLE ROCK

Voss-Barbee Mfg Co, 618-622 E Markham..Main 433

TENTS, TO RENT

NEW YORK

SYRACUSE

Ryan Tent Co, 313 W Fayette.....Warren 1100

TERRA COTTA

NEW YORK

NEW YORK CITY

Federal Terra Cotta Co, 101 Park av..Murry Hill 9498

TERRA COTTA, ARCHITECTURAL

MISSOURI

ST LOUIS

Winkle Terra Cotta Co The, Bell-Main 1894
Century bldg .....Kinlock-Cent 3038

NEW YORK

NEW YORK CITY

New York Architectural Terra Cotta Company, 401 Vernon av L I C.....Astoria 700

TESTING INSTRUMENTS FOR METAL

NEW YORK

NEW YORK CITY

Holz Herman A, 1 Madison av.....Gramercy 181

TESTING LABORATORIES

CALIFORNIA

SAN FRANCISCO

Hunt Robert W & Co, 251 Kearney.....Kearney 4635

CANADA

MONTREAL, QUEBEC

Hunt Robert W & Co, Ltd, McGill bldg.....Main 4723

TORONTO, ONTARIO

Hunt Robert W & Co Ltd, Traders Bank bldg .....Main 6015

VANCOUVER, B. C.

Hunt Robert W & Co Ltd, Standard Bank bldg .....Seymour 2199

ENGLAND

LONDON

Hunt Robert W & Co, Norfolk House, Laurence, Cannon st E C.....City 7372

ILLINOIS

CHICAGO

Hunt Robert W & Co, General Offices, Insurance Exch .....Wabash 872
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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MISSOURI

KANSAS CITY

Hunt Robert W & Co, Orear-Leslie bldg.....Main 2737

ST LOUIS

Hunt Robert W & Co, Syndicate Trust bldg..Olive 1884

NEW YORK

NEW YORK CITY

Electrical Testing Laboratories, 80th and East End av.....Lenox 5513
Hunt Robert W & Co, 90 West st.....Rector 3709

OHIO

CINCINNATI

Hunt Robert W & Co, Gerke bldg.....Canal 5413

PENNSYLVANIA

PITTSBURGH

Hunt Robert W & Co, Monongahela Bank bldg .....Grant 1478

TEXAS

DALLAS

Hunt Robert W & Co, Busch bldg.....Main 4657

WASHINGTON

SEATTLE

Hunt Robert W & Co, Metropolitan bldg....Main 563

TEXTILE—CONSULTING SPECIALISTS

NEW YORK

NEW YORK CITY

Chittick James (Fabrics analyzed, Costs calculated. Damages investigated. Expert Testimony. Mill forms. Instruction given), 122 E 25th .....Mad Sq 2785

TEXTILE FABRICS

PENNSYLVANIA

CHESTER

Aberfoyle Mfg Co, Chester.....Chester 91

TEXTILE FINISHING SPECIALTIES

NEW JERSEY

PATERSON

McCausland S D, 188 Graham av.....Paterson 1033-M

TEXTILE MACHINERY

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles.....Union 963

TEXTILE MACHINERY FOR SILK MILLS

NEW YORK

AMSTERDAM

Perkins Foundry Co Inc, 46 Bridge...Amsterdam 698

TEXTILE MACHINERY—NEW AND SECOND HAND

PENNSYLVANIA

PHILADELPHIA

Diamond Textile Machine Works, 1820 N 10th .....Diamond 30

TEXTILE MACHINERY AND SUPPLIES

ILLINOIS

CHICAGO

Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

TEXTILE PLANTS—ENGINEERS AND BUILDERS

ILLINOIS

CHICAGO

Walter Company The, 38 S Dearborn...Randolph 937

TEXTILE—TUBES

PENNSYLVANIA

PHILADELPHIA

Consolidated Paper Tube Co, 810 Sansom .....Bell-Filbert 4254 Keystone-Main 1691

THAWING APPARATUS FOR UNDERGROUND PIPES & CONDUITS

MASSACHUSETTS

BOSTON

Urbank Thawing Machine Co The, 355 Warren .....Roxbury 5565

THEATRE PROGRAMS

ILLINOIS

CHICAGO

Shill-Igoe Co, 117 W Harrison .....Wabash 2141

THEATRICAL AGENCIES

ILLINOIS

CHICAGO

Bennett's Dramatic & Musical Exchange, 36 W Randolph .....Central 3543

THEATRICAL COSTUMERS

NEW YORK

NEW YORK CITY

Tams Costume Co, 1600 Broadway.....Bryant 7590
Wustl Carl A (Features, Cleanliness, Characteristics, fine costumes, promptness), 40 Union sq .....Stuyvsnt 1623

PENNSYLVANIA

PHILADELPHIA

Van Horn & Son, (Costumes for Plays, Operas, Pageants, Photoplays shipped on rental basis anywhere in U S. Largest, oldest firm, established 1852), 921 Walnut.....Walnut 4112

THEATRICAL COSTUMES, PLAYS, OPERAS, MINSTRELS, BALLS

OHIO

TOLEDO

Faust Henry, 416 Adams, (Darst Block)....Main 3242

THEATRICAL EFFECTS—PROPS & PAPIER MACHE

NEW YORK

NEW YORK CITY

Unique Papier Mache Co, 331 W 44th.....Bryant 2225

THEATRICAL EQUIPMENTS

NEW YORK

NEW YORK CITY

Clark Peter (Stage Rigging and Equipments. Steel and Asbestos Curtains. Portable Ball Room Floors, Mechanical Effects) 406 W 30th.Chelsea 2836

THEATRICAL GROUND CLOTHS, DROP COVERS, ETC.

NEW YORK

NEW YORK CITY

Salisbury Chas A Co, 61 Ann.....Beekman 3062

THEATRICAL JEWELRY

NEW YORK

NEW YORK CITY

Rothschild & Co, 30 W Houston.....Spring 8736

THEATRICAL PROPERTIES

NEW YORK

NEW YORK CITY

Brunton John Studios (Scenery, Properties, Stage Furnishings), 226 W 41st.....Bryant 5914

THEATRCL SCENERY DESIGNRS, SPEC. MODRN ART STAGE SETGS

ILLINOIS

CHICAGO

Bodine Spanjer Co The, 1160 Chatham ct .....Diversey 2585

THEATRICAL TIGHTS

ILLINOIS

CHICAGO

Chicago Costume Works, 143 N Dearborn.Central 6292
See our Catalog Space, page 936

THERMOMETERS

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Brown Instrument Co The, 59 Church st.Cortland 1331
Keesling L Thermometer Co Inc (Clinical and Hydrometers), 96 Suydam st, Bklyn.Bushwick 2143
Tagliabue G Estate of (Established in 1831) 302 Pearl.....Beekman 3590
Union Thermometer Co Inc, 1301-3 Boston rd .....Tremont 4017
Weinhagen H, 159 Leonard.....Franklin 2519

ROCHESTER

Taylor Instrument Companies, 95 Ames .....Rochester-Stone 6700

OHIO

CINCINNATI

Palmer Thermometer Mfg Co, 204 Post Square .....Canal 3816-L

PENNSYLVANIA

CARBONDALE

Griebel Instrument Co, Carbondale...Carbondale 444

PHILADELPHIA

Brown Instrument Co The (Main Office), Wayne & Roberts.....Wyoming 690

THERMOMETERS, CLINICAL

NEW YORK

NEW YORK CITY

Nurnberg Thermometer Co Inc, 138th and 3d av .....Melrose 320
Scherrer Albert, 1252 Willoughby av, Bklyn .....Stagg 463
United States Thermometer Co, 830 Westchester av .....Melrose 2978

THERMOMETERS AND HYDROMETERS

ILLINOIS

CHICAGO

Wagner Carl H, 1944 N Albany av.....Belmont 7722

NEW YORK

NEW YORK CITY

Hiergesell Wm & Son, 111 Nassau.....Cortland 4140

PENNSYLVANIA

PHILADELPHIA

Haak Otto & Sons, 545 N 5th.....Market 619

THERMOMETERS, RECORDING

NEW YORK

NEW YORK CITY

Thwing Instrument Company, 59 Pearl st..Broad 4657

PENNSYLVANIA

PHILADELPHIA

Thwing Instrument Co, 3341 Lancaster av .....Preston 4283

PITTSBURGH

Thwing Instrument Company, Oliver bldg...Grant 252

THERMOS BOTTLES, FOOD JARS, CARAFES, COFFEE JUGS, ETC.

NEW YORK

NEW YORK CITY

American Thermos Bottle Co. (Originators of Genuine "Thermos" temperature retaining vessels. Motor, restaurants, lunch kits, etc), 35-37 W 31st .....Mad Sq 8922

THERMOSTATIC TRAPS

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

THIMBLES—GOLD AND SILVER—MNFRS

NEW YORK

NEW YORK CITY

Ketcham & McDougall, 15-19 Maiden LaneCortland 748

THREAD (COTTON)

PENNSYLVANIA

PHILADELPHIA

United States Thread Co, 241-45 Arch.....Bell-Market 598 Keystone-Main 339

RHODE ISLAND

PROVIDENCE

Ballou Thread Co, 189 Charles.....Union 214

THREAD DRAWING MACHINES

NEW YORK

NEW YORK CITY

Eshelman John W (Eshelman Thread Drawing Machines) 13 Walker.....Franklin 1054

THREAD; SPOOL COTTON, LINEN, SILK FINISH & SUBSTITUTE

MASSACHUSETTS

LOWELL

Meyer John C Thread Co, 1500 Middlesex..Lowell 2529

THREAD & YARN (COTTON) MFRS.

NEW JERSEY

FLORENCE

Florence Thread Co, Main st.....Florence 135

THREADED RODS

ILLINOIS

CHICAGO

Boss Nut Co, 1732 N Kolmar av.....Albany 4010

THREADING MACHINES

CALIFORNIA

SAN FRANCISCO

Geometric Tool Co The, (Gen Machinery & Supply Co Rep), 3951 Stevenson.....Sutter 6750

CONNECTICUT

NEW HAVEN

Geometric Tool Co The, Blake and Valley.Liberty 840

ILLINOIS

CHICAGO

Geometric Tool Co The, 646 W Washington bl.....Franklin 3835

MASSACHUSETTS

BOSTON

Geometric Tool Co The, (Hill, Clark & Co Inc Rep), 156 Oliver.....Main 4438

MICHIGAN

DETROIT

Geometric Tool Co The (The Chas A Strelinger Co Rep), 43-51 E Larned.....Main 5605

NEW YORK

NEW YORK CITY

Geometric Tool Co The, (Vandyck Churchill Co Rep), Singer bldg.....Cortland 714

PENNSYLVANIA

PHILADELPHIA

Geometric Tool Co The (Vandyck Churchill Co, Rep), Widener bldgBell-Walnut 2957 Keystone-Main 3540

THREADING & TAPPING MACHINERY

OHIO

SPRINGFIELD

Webster & Perks Tool Co The, Sheuy Factories bldg.....Bell-Main 276 Ohio State 276

THRESHERS—GRAIN

WISCONSIN

RACINE

Case J I, T M Co, State and Douglas.....Racine 103

See our Catalog Space, page 918

THRESHING MACHINERY

OHIO

TOLEDO

Banting Manufacturing Co The, 114 Superior.Main 2238

THRESHOLDS (SAFETY) FOR ELEVATOR DOORS, ETC

NEW YORK

NEW YORK CITY

American Abrasive Metals Co, 50 Church.Cortland 7444

THROWN SILKS

NEW YORK

NEW YORK CITY

Dunlop's Jno Sons, 254, 4th av.....Gramercy 382

THUMB SCREWS

ILLINOIS

CHICAGO

Victor Tool & Mfg Co, 560 W Vanburen..Wabash 2253

THUMB TACKS

NEW YORK

NEW YORK CITY

Solidhed Tack Co, 38 Murray.....Barclay 7046

TICKET BROKERS

ILLINOIS

CHICAGO

Lyons Railroad & Steamship Ticket Office, 310 S Clark.....Wabash 1759

TICKET PRINTERS

ILLINOIS

CHICAGO

Hedstrom-Barry Co, 618-620 Sherman...Harrison 6140

TICKET PUNCHES OF EVERY DESCRIPTION

NEW YORK

NEW YORK CITY

Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

TIES, RAILROAD

WISCONSIN

MARINETTE

Menominee White Cedar Co, 901 Maggie.Marinette 27

TIGHT BARRELS

INDIANA

TERRE HAUTE

Vigo Cooperage Co, 2d and Big Four.....Bell-Main 615 Ohio State 15

TILE FLOORS

NEW YORK

NEW YORK CITY

Linotol Flooring Co, 26 Reid, Bklyn...Hamilton 2309

TILES

NEW YORK

NEW YORK CITY

Jackson Wm H Company, 2 W 47th.....Bryant 8430

OHIO

CINCINNATI

Cassini Mosaic & Tile Co The, 1027 Broadway.....Canal 234

TILES, AND BRICK

CANADA

RIDGEWAY, ONTARIO

McKenna Donald L.....Ridgeway 782

TILES, FLOOR, WALL AND MANTEL TILE, MOSAIC

ILLINOIS

CHICAGO

Cobb Chas A & Co, 30 N Lasalle.....Franklin 2501
Rees Geo H & Co, 4439 N Clark.....Edgewater 7789

LOUISIANA

NEW ORLEANS

Ariatti Jos, Hennen bldg.....Main 2983

TILES, FLOOR WALL TERRAZZO AND MOSAIC

TENNESSEE

CHATTANOOGA

Standard Tile Company, Chamberlain bldg..Main 1318

TILES FOR FLOORING AND WALLS—WHOL. & RETAIL

ILLINOIS

CHICAGO

Ceramic Tile Co Inc 118 N Lasalle....Franklin 4434

TILES FOR FLOORS, WALLS & FIRE PLACES

ILLINOIS

CHICAGO

de Smet Quartz Tile Co, Chamber of Commerce .....Main 1065
Hawkinson John S Co, 80 E Jackson bl...Harrison 881
Lorenzen Chas F & Co, Reaper blk ne cor Clark and Washington.....Randolph 1844

TILES FOR WALLS AND FLOORS

MISSOURI

ST LOUIS

Hornet Mantel Co, 1115 Market st.....Main 2201

TILES, HOLLOW BUILDING

KENTUCKY

LOUISVILLE

Coral Ridge Clay Products Co, Inter-Southern bldg .....Bell-Main 1341 Home-City 8075

TILES, AND MARBLE

COLORADO

DENVER

McElhinney Tile & Marble Co The, 425, 17th st .....Main 5599

OHIO

CINCINNATI

Winston T H Co The, se cor Pearl and Pike.Canal 3864

TILES, METAL SPANISH

MISSOURI

NEVADA

orman W F Sheet Metal Mfg Co The, 226-246 N Cedar st.....Nevada 552

TILES, QUARRY FOR FLOORS

WEST VIRGINIA

PARKERSBURG

nited States Roofing Tile Co The..Parkersburg 321-R

TILES, ROOFING

DISTRICT OF COLUMBIA

WASHINGTON

dowici-Celadon Company, Union Trust bldg.Main 6924

ILLINOIS

CHICAGO

dowici-Celadon Company, Monroe bldg.Randolph 6740

MICHIGAN

DETROIT

dowici-Celadon Company, Ford bldg...Cherry 6312

MINNESOTA

MINNEAPOLIS

Ludowici-Celadon Company, Plymouth bldg .....Nicollett 3386

MISSOURI

KANSAS CITY

Ludowici-Celadon Company, Reliance bldg..Main 4303

ST LOUIS

Ludowici-Celadon Company, Pierce bldg....Olive 1532

NEW YORK

NEW YORK CITY

Ludowici-Celadon Company, Fifth Av bldg .....Gramercy 2593

OHIO

CLEVELAND

Ludowici-Celadon Company, Hippodrome bldg.Main 2418

PENNSYLVANIA

PHILADELPHIA

Ludowici-Celadon Company, Weightman bldg .....Spruce 1286

PITTSBURGH

Ludowici-Celadon Company, Park bldg....Grant 1820

TIMBER DEALERS

ILLINOIS

CHICAGO

Monarch Lumber Co, 53 W Jackson bl..Harrison 1840

OHIO

DAYTON

Gebhart-Wuichet Lumber Co The, Wayne av, Shawnee & Wyandot....Bell-Main 2675 Ohio State 2328

TIMBER, KYANIZED

ILLINOIS

CHICAGO

Brown Company, 110 S Dearborn.....Central 6494

MAINE

PORTLAND

Brown Company, 404 Commercial.....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company, Woolworth bldg.....Barclay 6185

TIME CHECKS

ILLINOIS

CHICAGO

Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

TIME DETECTORS, WATCHMAN'S & EMPLOYEES

NEW YORK

NEW YORK CITY

American Watchman's Clock Co, 150 Nassau .....Beekman 4659

TIME RECORDER MNFRS.—ELECTRIC

ILLINOIS

CHICAGO

Sohm Electric Co, 141 W Austin av.....Franklin 4357

TIME RECORDERS

ILLINOIS

CHICAGO

Simplex Time Recorder Co, 30 N Dearborn .....Randolph 1839

MASSACHUSETTS

BOSTON

Simplex Time Recorder Co, 8 Winter.....Beach 326

MINNESOTA

MINNEAPOLIS

Cincinnati Time Recorder Co The (W B Reesburg, N W Representative), Build- ers Exchange .....Bell-Main 1268 Tri-State 34311

NEW YORK

NEW YORK CITY

Calculagraph Company (The Calculagraph - The Elapsed Time Recorder), 30 Church .....Cortland 1641
Simplex Time Recorder Co, 135 Fifth av.Gramercy 5592

PENNSYLVANIA

PHILADELPHIA

Simplex Time Recorder Co, 307 Walnut .....Bell-Lombard 4136 Keystone-Main 2916

TIME RECORDERS (ELECTRICAL)

MINNESOTA

MINNEAPOLIS

Cincinnati Time Recorder Co The (W B Reesburg, N W Representative), Build- ers Exchange .....Bell-Main 1268 Tri-State 34311

TIME RECORDERS (VEHICLE)

OHIO

CLEVELAND

Service Recorder Co The, 2344 E 105th.Garfield 1853

TIME RECORDERS FOR TIMING LONG DIST TELEPHONE CALLS

PENNSYLVANIA

PHILADELPHIA

Graves Timing Device Co, (The Phonometer ($5) prevents overcharges), 2630 Parkway .....Poplar 3764

TIME STAMP EXPERTS

NEW YORK

NEW YORK CITY

Kastens Henry, 418 W 27th.....Chelsea 795

TIME STAMPS (AUTOMATIC)

MASSACHUSETTS

BOSTON

Automatic Time Stamp Co The, 160 Congress .....Main 2382

TIME STAMPS AND COST KEEPING SYSTEMS

CALIFORNIA

SAN FRANCISCO

Baird Equipment Co The F C Buehrer Co, Agts), 20 Davis st.....Sutter 4597

TIME STAMPS AND COST KEEPING SYSTEMS—CONT'D.

ILLINOIS

CHICAGO

Baird Equipment Co, 319 W Ohio st.....Superior 2071

NEBRASKA

OMAHA

Baird Equipment Co (T L Combs & Co, Agts), 1520 Douglas.....Douglas 2240

NEW YORK

BUFFALO

Baird Equipment Co (The North Electric Co, Agts), High and Grey.....Oxford 530

NEW YORK CITY

Baird Equipment Co (Theo Mass & Co, Agts), 82 Broad st.....Broad 912

ROCHESTER

Baird Equipment Co (The Elbert Clarke Co, Agts), Chamber of Commerce bldg..Main 5880

PENNSYLVANIA

PHILADELPHIA

Baird Equipment Co (Collins Office Machinery Co, Agts), 1324 Arch.....Walnut 3537

TIME STAMPS—MNFRS.

ILLINOIS

CHICAGO

Sohm Electric Co, 141 W Austin av.....Franklin 4357

TIME STAMPS & RECORDERS

NEW YORK

NEW YORK CITY

Follett Time Recording Co, 29 Murray..Barclay 5767

TIMERS FOR FORD CARS

NEW YORK

MOUNT VERNON

Benford Mfg Co.....Mt Vernon 3300

TIN

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 183-189 Commerce st..Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Monadnock blk.....Harrison 6628
See our Adv., page 32, first page opposite Section 1

MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 74-76-78 Fort st E..Cadillac 2828
See our Adv., page 32, first page opposite Section 1

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway.....Barclay 8215
See our Adv., page 32, first page opposite Section 1

PENNSYLVANIA

PITTSBURGH

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), 973 Union Arcade.....Grant 5979
See our Adv., page 32, first page opposite Section 1

TIN (PIG)

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

TIN BOX MNFRS.—PLAIN AND DECORATED—ADV. SIGNS

NEW YORK

NEW YORK CITY

Donnelly W A, 69 Pearl .....Broad 3060

TIN BOXES

NEW JERSEY

CAMDEN

Myers Manufacturing Co, (Myers Patent Label Retaining Lid), 7th .....Bell-Camden 2289
and Pearl .....Keystone-Camden 537

TIN CAN MNFRS.

MARYLAND

BALTIMORE

Federal Tin Co Inc, 11 E Barre.....St Paul 4598

NEW YORK

NEW YORK CITY

Jaeger Wm J, 390 Hudson st.....Spring 1287
Le Comte & Co Inc, Wolcott and Ferris, Bklyn .....Hamilton 2512
Shalita Bros, 264-268 South.....Orchard 8356

TIN CAN MFRS. OLIVE OIL CANS SPECIALTY

NEW YORK

NEW YORK CITY

Cordiano Bros, 248 Lafayette.....Spring 9856

TIN CANS

MASSACHUSETTS

BOSTON

National Can Co, 36 Washington North.Richmond 467

TIN CANS, CONE TOP, POLISH CANS

ILLINOIS

CHICAGO

Giles J S & Sons, 2428 W 16th.....Canal 1704

TIN CANS & GALVANIZED CANS

MASSACHUSETTS

BOSTON

Sexton Can Co, 228 Franklin.....Main 4

TIN, COPPER AND SHEET IRON WORK

ILLINOIS

CHICAGO

Armstrong & Co, 544 Washington bl....Franklin 4338
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Schmidt Samuel, 158-160 N Desplaines..Haymkt 71

TIN & GALVANIZED WARES

PENNSYLVANIA

PITTSBURGH

Pittsburgh Tinware Mfg Co, 1017-1025 Bidwell .....Cedar 537

TIN MOUNTING, CALENDARS, ETC METL EDGINGS & HANGR LOOPS

ILLINOIS

CHICAGO

U S Finishing & Mfg Co, 216 N Clinton....Main 2503

TIN PLATE

CALIFORNIA

SAN FRANCISCO

McVoy Sheet & Tin Plate Co, (W S Hanford Mgr), St Claire bldg.....Sutter 1845

ILLINOIS

CHICAGO

McVoy Sheet & Tin Plate Co, 344-350 W Austin av .....Main 4864

MARYLAND

BALTIMORE

Ammidon & Company, 31 S Frederick....St Paul 470

MASSACHUSETTS

BOSTON

Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

NEW YORK

NEW YORK CITY

Crouch W J Co Inc, 253 Broadway.....Barclay 4216
McVoy Sheet & Tin Plate Co, Grand Central Terminal bldg.....Murray Hill 1507
Pittsburg Steel Export Co, 253 Broadway.Barclay 3436
Wenger Paul & Co, 100 Broadway.....Rector 5083

PENNSYLVANIA

PHILADELPHIA

American Tin & Terne Plate Co, 24th and Vine .....Locust 165

PITTSBURGH

McVoy Sheet & Tin Plate Co, Oliver bldg..Grand 2431

TIN PLATE—COKE

OHIO

WARREN

Trumbull Steel Co The, South Pine.....Warren 1927

TIN PLATE JOBBERS

PENNSYLVANIA

PITTSBURGH

McClure-Johnston Co, (Black and Galvanized Sheets), 1143-45 Liberty av.....Grant 427

TIN PLATE MFRS.

OHIO

WARREN

Liberty Steel Co The.....Warren 2106

PENNSYLVANIA

PHILADELPHIA

Taylor N & G Co Inc, 800 Chestnut bldg.....ombard 633

TIN PLATE MANUFACTURERS & DEALERS

NEW YORK

NEW YORK CITY

Brushaber C H & Co Inc, 80 Church.....Cortland 1868

TIN PLATERS

ILLINOIS

CHICAGO

Doering C & Son Inc, 1375 W Lake.....Monroe 921
Thompson & Bremer, 850 S Canal.....Wabash 6764

TIN PLATES

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436

TIN SMITHS AND SHEET METAL WORKERS, TOOLS & MACHINES

CONNECTICUT

SOUTHINGTON

Peck Stow & Wilcox Co The, 217-313 Center .....Southington 274

TIN SPECIALTIES

MARYLAND

BALTIMORE

Ammidon & Company, 31 S Frederick....St Paul 470

TIN STAMPING

ILLINOIS

CHICAGO

Giles J S & Sons, 2428 W 16th.....Canal 1704

TIN WARE

PENNSYLVANIA

PHILADELPHIA

Clarke Can Co (Druggist Ware, Tanks, Measures, Cans), se cor 12th and Fitzwater.....Walnut 3867

TIN WARE MANUFACTURERS

NEW YORK

NEW YORK CITY

Empire Tinware Co The, 29 South 5th, Bklyn .....Greenpnt 2187
Schaffer Tinware Mfg Co The, 76 Sedgwick Bklyn .....Hamilton 369

TINNERS CORNICE, SKYLIGHT METAL ROOFING, ETC.

TEXAS

FORT WORTH

Tinsville Manufacturing Co, 1009-15 E Front .....Larmar 2491

TINNERS AND ROOFERS SUPPLIES

PENNSYLVANIA

PITTSBURGH

Clure-Johnston Co, 1143-45 Liberty av.Grant 427

TINNERS TRIMMINGS

CONNECTICUT

NEW HAVEN

Wire Novelty Mfg Co The.....West 25
See our Catalog Space, page 1025

TINNERS TRIMMINGS AND WIRE BUCKLES

CONNECTICUT

NEW HAVEN

American Buckle Company The, 291 Campbell av West Haven.....West 365

TINSEL THREAD & FABRICS

NEW YORK

NEW YORK CITY

French Export Co, 489 Fifth av.....Vanderbilt 4540

TINSEL, THREAD & FABRICS, BEADS & SPANGLES

NEW YORK

NEW YORK CITY

Hirsch's G Sons, 890 Bway.....Gramrcy 1373
Wyle J J & Bros Inc, (Successors to Siegman & Weil), 18-20 E 27th.....Mad Sq 9620

TINSEL—THREAD NOVELTIES AND BRAID MNFRS.

NEW YORK

NEW YORK CITY

Gutner Simon & Bro, 18-20-22 W 20th...Chelsea 4929

TINSEL THREADS

NEW YORK

NEW YORK CITY

Frankel Wm B & Co Inc, 23-25 E 26th...Mad Sq 5669
Goldsmith H W Co, 20-26 W 22d.....Gramrcy 3940

TIRE—CARRIERS

PENNSYLVANIA

PHILADELPHIA

Horrocks Iron Works (Liberty Tire Carriers for Ford Cars) 234 N Broad .....Bell-Spruce 4178 Keystone-Race 1943

TIRE COVERS—AUTOMOBILE

NEW YORK

NEW YORK CITY

B-E Manufacturing Company, 18-22 W 18th .....Chelsea 5053

TIRE FABRIC MANUFACTURERS

RHODE ISLAND

PAWTUCKET

Jenckes Spinning Co, 335 Barton .....Pawtucket 2550

PROVIDENCE

Manhasset Mfg Co, Turks Head bldg.....Union 2710

TIRE FABRICS

MASSACHUSETTS

BOSTON

Boston Yarn Co, 60 Federal.....Fort Hill 5040

TIRE PROTECTORS—PNEUMATIC

OHIO

DAYTON

Colfield Tire Protector Co The, Reibold bldg .....Bell-Main 7341 Ohio State 2734

TIRE PUMPS, LEVER

MICHIGAN

BATTLE CREEK

Globe Manufacturing Co, 64 Grant .....Bell-Battle Creek 250-R Automatic 1246

TIRE STRAPS

PENNSYLVANIA

PHILADELPHIA

Bond Charles Company (Fabritex), 520 Arch .....Market 3249

TIRES

OHIO

CLEVELAND

Ideal Tire & Rubber Co The, Guardian bldg .....Bell-Main 1010 Ohio State-Central 4414

TIRES (AUTOMOBILE)

ILLINOIS

CHICAGO

Brunswick-Balke-Collender Co The, 623-625 S Wabash av .....Harrison 6220

KENTUCKY

LOUISVILLE

Ten Broeck Tyre Co, 26th and Courtney Bell-West 303 .....Home-Shawnee 844

NEW YORK

NEW YORK CITY

Brunswick-Balke-Collender Co of N Y The, 29 West 32d .....Madison Square 6180

TIRES—AUTOMOBILE—ALL MAKES

NEW YORK

NEW YORK CITY

Public Service Tire & Rubber Co of N Y Inc 1675 Broadway .....Circle 1004

TIRES FOR MOTOR TRUCKS

NEW JERSEY

NEW BRUNSWICK

Indian Tire & Rubber Co, 320 Commercial av .....New Brunswick 1392

TIRES, SCRAP

NEW YORK

NEW YORK CITY

Lowenthal R M & Co Inc, 51 E 42d.....Murray Hill 611

TIRES AND TUBES MANUFACTURERS

OHIO

EAST PALESTINE

East Palestine Rubber Co The .....Bell-East Palestine 60 Ohio State 174
National Tire & Rubber Co The .....Bell East Palestine 58 Ohio State 153

TOAST

MINNESOTA

MINNEAPOLIS

Excelsior Baking Co ("Butter Krust"), 912 E 24th.....South 841

TOASTERS, ELECTRIC

ILLINOIS

CHICAGO

Lincoln Electric Works, (R J Morgan) Heyworth bldg.....Randolph 4142

TOBACCO CUTTING MACHINERY

OHIO

DAYTON

Buckeye Iron & Brass Works, 324 E 3d Bell-Main 257
.....Ohio State 2257

TOBACCO LEAF

NEW YORK

NEW YORK CITY

Delmonte J & Son, 7 Burling Slip.....John 2591
See our Catalog Space, page 1017

TOBACCO MACHINERY

NEW YORK

NEW YORK CITY

Universal Tobacco Machine Co (Tobacco Stripping Machines—Factory, Newark, N J) 79, 5th av.....Stuyvsnt 4444

TOBACCO MACHINERY—FOR PRODUCTION OF PLUG TOBACCO

NEW YORK

NEW YORK CITY

McGowan John H Co The, 50 Church....Cortland 4748

OHIO

CINCINNATI

McGowan John H Co The, 54-58 Central av.Main 788

PENNSYLVANIA

PHILADELPHIA

McGowan John H Co The, Exhibition Dept, The Bourse .....Lombard 490

TOBACCO MANUFACTURERS

NEW YORK

NEW YORK CITY

Tansy Tobacco Corporation (Chewing and Smoking Brands), 19 South William...Broad 1915

TOBACCO MERCHANTS AND BROKERS

NEW YORK

NEW YORK CITY

Tansy Tobacco Corporation (Virginia, Kentucky, Tennessee Leaf in Hogsheads) 19 S Williams .....Broad 1915

TOBIN BRONZE, RODS, SHEETS, ETC

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co, se cor Lombard & South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

TOGGLE BOLTS

ILLINOIS

CHICAGO

Star Expansion Bolt Co, 120 W Lake.....Main 2649

NEW YORK

NEW YORK CITY

Star Expansion Bolt Co, 149 Cedar.....Rector 4655

TOILET ARTICLES

NEW YORK

NEW YORK CITY

Atlantic Comb Works, 10-12 E 38th....Vandrbit 4691

TOILET ARTICLES—FACE CREAM & FRECKLE OINTMENT

ILLINOIS

CHICAGO

Berry Dr C H Co ("Kremola"), 2975 S Michigan av .....Calumet 6163

TOILET ARTICLES, PERFUMES AND COSMETICS

PENNSYLVANIA

PITTSBURGH

Colonial Chemical Co, 631 Penn av.....Grant 1695

TOILET ARTICLES—PERFUMES, COSMETICS & FLAVORS

INDIANA

INDIANAPOLIS

Oldham Specialty Co, Pembroke Arcade.....Main 5375

TOILET ARTICLES AND SETS

CALIFORNIA

SAN FRANCISCO

Arlington Company, 718 Mission.....Kearney 2704

ILLINOIS

CHICAGO

Arlington Company, 14 N Franklin.....Main 1932

MASSACHUSETTS

BOSTON

Arlington Company, 84-86 Essex .....Beach 3049

MISSOURI

ST LOUIS

Arlington Company, 505 N 7th.....Olive 1054

NEW YORK

NEW YORK CITY

Arlington Company, 725 Broadway.....Spring 9900

PENNSYLVANIA

PHILADELPHIA

Arlington Company, 900 Chestnut.....Walnut 381

TOILET GOODS & DRUG SUNDRY SPECIALTIES

NEW YORK

NEW YORK CITY

Levy J W Corp, 892 Bway.....Gramercy 942

TOILET, MIRROR MANUFACTURERS

VERMONT

NORTH BENNINGTON

Payne A S Inc, Prospect st....North Bennington 136-4

TOILET PAPER

GEORGIA

ATLANTA

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

ILLINOIS

CHICAGO

Ewing H Norwood Co The ("Pickquick" Brands), Conway bldg.....Franklin 2172
Paper Sales Company, 230 W Huron....Superior 8459

NEW YORK

NEW YORK CITY

Barry D J & Co, 83 Barclay.....Barclay 5978
Ewing H Norwood Co The ("Pickquick" Brands), Woolworth bldg .....Barclay 7154
Industrial Paper Co, 59 Beekman.....Beekman 3976

OHIO

CINCINNATI

Chatfield & Woods Co The, 3d and Plum....Main 953

CLEVELAND

Union Paper & Twine Co, St Clair av N W..Main 6360

TOILET PAPER AND PAPER TOWEL MANUFACTURERS

NEW YORK

NEW YORK CITY

Linton and Scott, 110 W 40th.....Bryant 5474

TOILET PARTITIONS METAL

OHIO

CLEVELAND

Carpenter R F Mfg Co The (Sanymetal), 978-984 E 64th .....Rosedale 3902

TOILET PREPARATION PACKAGES

ILLINOIS

CHICAGO

Randolph Box & Label Co, 843W VanBuren Monroe 1677

TOILET PREPARATIONS

FLORIDA

TAMPA

United Chemical Co The, 1403 Franklin..Tampa 3151

ILLINOIS

CHICAGO

Holman Soap Co, 3104-3118 Fox.....Yards 5150

PENNSYLVANIA

PHILADELPHIA

Tetlow Henry Co, 132 N 10th.....Filbert 3835

TOILET PREPARATIONS—MEDICINES AND DISINFECTANTS

ILLINOIS

FREEPORT

Rawleigh W T Co The, Liberty.....Main 4

TOILET PREPARATIONS, PRIVATE BRANDS

ILLINOIS

CHICAGO

Holman Soap Co, 3104-3118 Fox.....Yards 5150

TOILET PREPARATIONS & SUPPLIES

NEW YORK

NEW YORK CITY

Cosin Co The, 30 E 23d st.....Gramercy 3615

TOILET PRODUCTS (COLORS FOR)

NEW YORK

NEW YORK CITY

Morgan William J, 6 Platt .....John 1625

TOILET SETS

NEW YORK

NEW YORK CITY

Schimper William & Co 33 Union sq West .....Stuyvesant 214

TOILET AND TOWEL PAPERS

NEW YORK

NEW YORK CITY

Lewis Samuel, 73 Barclay.....Barclay 5406

TOOL BOXES—WOOD SPECIAL

ILLINOIS

CHICAGO

Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

TOOL CHESTS FOR MACHINISTS, TOOL MAKERS, ETC.

NEW YORK

ROCHESTER

Ben Tool Chest Works, 14 Railroad.....Chase 4410

OHIO

DAYTON

Gerstner H & Sons, 505 Columbia.....Bell-Main 9917
.....Ohio State 2056

TOOL AND CUTTER GRINDERS

NEW YORK

NEW YORK CITY

Coates-Kendall Corporation, 50 Church..Cortland 6864
See our Adv., opposite title page Catalog Section

TOOL HOLDERS

OHIO

SPRINGFIELD

Western Tool & Mfg Co The, Burt & Pleasant .....Main 1012

PENNSYLVANIA

PHILADELPHIA

Keystone Equipment Co, 825 Walnut.....Walnut 5456

TOOL ROOM LATHES (MANUFACTURERS)

NEW YORK

SYRACUSE

Mulliner Enlund Tool Co Inc, 539-541 South Clinton .....Warren 5568

TOOL SALVAGING

MICHIGAN

DETROIT

Detroit Reamer Salvage Co, 822 Warren av West .....Walnut 3776
Gorham & Goddard Co, 39-45 Congress....Cherry 196
Peninsular Tool Salvage Co, 45 East, Fort.Cherry 4243

TOOL SPECIALTIES.

INDIANA

SOUTH BEND

Collmer Brothers, 107 Lincoln Way East .....Bell-Main 2605
.....Home 5811

TOOL STEEL

NEW YORK

NEW YORK CITY

Aborn Steel Co Inc, 22 Clarke.....Spring 6795

TOOL STEELS, ALLOY STEELS, DIE BLOCKS, GEAR BLANKS, ETC.

NEW YORK

NEW YORK CITY

Darwin & Milner Inc, 156 Broadway....Cortland 1956
Hammond Steel Company Inc (P J Ryan Rep) 30 Church.....Cortland 1809

TOOLS

ILLINOIS

CHICAGO

Duffy Mfg Co, 214-16 W Grand av.....Superior 3674
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017
Saal H G Company, 1808-1810 Montrose.Ravenswd 730
See our Catalog Space, page 941
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

MICHIGAN

DETROIT

R B-L Company, 265 Jefferson av E.....Cherry 271
Strelinger Chas A Co, 13-31 East Larned....Main 5605
Woodworth Cook Tool Co, 765 Clay.....North 5009

NEW JERSEY

CAMDEN

Wolff Wm F Co Inc, 1125-27-29 Haddon av .....Camden 454

IRVINGTON

Irvington Tool & Die Works, 16-18 Washington av .....Waverly 1048

NEWARK

Loeffler H & Co, 297 Washington.....Mulberry 1579
Western Tool Co, 217 High.....Branch Brook 4562

NEW YORK

ROCHESTER

Genesee Precision Tool & Die Co, 105 N Water .....Main 3371

OHIO

DAYTON

W B W Tool Co The, Y M C A blg.....Main 2758

TOOLS (MILLING CUTTERS RECUT WITHOUT ANNEALING)

MICHIGAN

GREENVILLE

Sutherland Tool Co Bell-Greenville 34
.....Citizens 340

TOOLS, AUTOMOBILE MECHANICS

MISSOURI

LOUISIANA

Buffum Tool Co, 4th and Tennessee...Louisiana 255
See our Catalog Space, page 1018

TOOLS—CYLINDER REBORING

MICHIGAN

DETROIT

Universal Tool Company The, 916 Beaubien.Ridge 3306

TOOLS—DIAMOND TOOLS FOR ALL PURPOSES

MICHIGAN

DETROIT

Modern Diamond Tool Co (Norton, Landis or Special Holders), Marquette bldg....Cherry 2989-J

TOOLS AND DIE MAKERS

OHIO

DAYTON

Industrial Tool, Die & Engineering Co The, rear 322 East Fifth.....Main 1664
See our Catalog Space, page 1017

TOOLS AND DIES

ILLINOIS

CHICAGO

Alcor Mfg Co, 430 S Green.....Monroe 2388
King R D, Monadnock blk.....Wabash 4897
Western Tool & Machine Works, 127 N Wells .....Franklin 1218

ROCKFORD

B-E-S Tool & Mfg Co, 1 Pine.....Main 5147

WISCONSIN

KENOSHA

K & F Mfg Co The, 6-8 Pleasant.....Kenosha 1302

TOOLS, DIES, GAUGES, SPECIAL MACHINERY

ILLINOIS

CHICAGO

Moore & Company, 301 W Grand av....Superior 1819

INDIANA

INDIANAPOLIS

Indiana Tool & Machinery Co Inc, 212 E Maryland .....Main 5983
Moore Otto N Co .....Bell-Irvington 811 Automatic 61-293

RHODE ISLAND

WOONSOCKET

Simplex Tool Co, Worral st.....Woonsocket 1235

WISCONSIN

MILWAUKEE

Wisconsin Tool & Supply Co, Enterprise bldg.Grand 3449

TOOLS, DIES & JIGS

OHIO

TOLEDO

Vossberg Geo, 619 Belmont av.....Ohio State 7920

TOOLS, DIES, JIGS & FIXTURES

IOWA

GRINNELL

Dodge Tool Company.....Grinnell 55

MICHIGAN

DETROIT

National Production Co, cor Berlin & Bellevue .....Ridge 2549

OHIO

DAYTON

Siebert Engineering Co The, 131 East Third.Main 9184

TOOLS, DIES, JIGS, FIXTURES EXPERIMENTAL WORK

OHIO

TOLEDO

Acme Tool Co, 500-2 S St Clair..Ohio State-Main 4742

TOOLS, DIES, JIGS, FIXTURES & GAUGES

OHIO

DAYTON

City Engineering Co The, Beaver Power bldg, 4th and St Clair.....Bell-Main 6231 Ohio State 5390
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

TOOLS, DIES, JIGS, FIXTURES AND SPECIAL MACHINERY

OHIO

DAYTON

Vulcan Tool Co The, 418 East First.....Main 8833

TOOLS, DIES, JIGS, FIXTURES, STAMPING & DRAWING

ILLINOIS

CHICAGO

Industrial Products Co, 334 N Irving av...West 3528

MASSACHUSETTS

EVERETT

Wilton Tool & Mfg Co, Tileston and Kelvin.Everett 1770

MINNESOTA

MINNEAPOLIS

Erickson's Machine & Tool Co, 523 S 4th .....Bell-Nicollet 7411 Tri State 36819

NEW JERSEY

JERSEY CITY

Hudson Metal Mfg Co Inc, 141 R R av cor Barrow .....Montgomery 3788

OHIO

URBANA

American Tool & Mfg Co, North Main st .....Bell-Urbana 155 Ohio State 3294

TOOLS, DIES, JIGS, MODELS, EXPERIMENTAL WORK

ILLINOIS

CHICAGO

Premier Tool Works, 3123 W Harrison.Van Buren 2288

TOOLS, DIES AND LIGHT MACHINE WORK

NEW JERSEY

NEWARK

Essex Machine Company, 71 Rutgers...Belleville 9144

TOOLS AND DIES—SPECIAL MACHINERY

ILLINOIS

CHICAGO

Cicero Tool Works, 1233 S 52d av Cicero, Ill P O .....Cicero 276

TOOLS—DRILLS, CUTTERS

MICHIGAN

DETROIT

Fisher Tool & Supply Co, 40-42 Larned E.Cherry 3980

NEW YORK

SYRACUSE

Barnes & Irving Inc, 563-5 South Clinton..Warren 7838

TOOLS, ELECTRIC DRILLS

NEW YORK

NEW YORK CITY

Electro-Magnetic Tool Co, 426 Broome...Spring 7086

TOOLS AND FACTORY SUPPLIES

INDIANA

INDIANAPOLIS

Vonnegut Hardware Co, 120 E Washington .....Bell-Main 4192 Automatic 3442-11

TOOLS AND GAUGES

WEST VIRGINIA

DUNBAR

Grayson Tool & Mfg Co.....Dunbar 1998

TOOLS, GAUGES & FIXTURES—MNFRS.

ILLINOIS

CHICAGO

Krebs Mfg Co, 341-349 E Ohio.....Superior 8611

OHIO

CLEVELAND

S-P Manufacturing Co The, 872 E 72d...Rosedale 3098

TOOLS, GAUGES, MACHINES (SPECIAL)

OHIO

CLEVELAND

Brierley Machine Co, 1736 E 22d.....Prospect 2695

TOOLS AND GAUGES OF ALL KINDS—MNFRS.

CONNECTICUT

SHELTON

Holmes Mfg Co The, Coram av.....Derby 1239-2

TOOLS—JIGS AND FIXTURES

MICHIGAN

DETROIT

Murphy Brothers, 75-85 Baltimore av W...North 6414

OHIO

CINCINNATI

Brehmer F W Machine & Tool Co The, 813-815 Broadway .....Canal 5395

WISCONSIN

MILWAUKEE

Sterling Metal Parts Co, 1464, 8th av...Hanover 2173

TOOLS—MACHINE, SHOP, FACTORY, ETC.

MASSACHUSETTS

BOSTON

Ellis A Lee, 141 Milk.....Fort Hill 1994

TOOLS, MAKERS AND REDRESSING

ILLINOIS

CHICAGO

Advance Forging & Tool Works, 735 W Monroe .....Monroe 719

TOOLS, MNFRS. & IRON WORKERS

ILLINOIS

CHICAGO

Reliance Tool & Iron Works, 633 S Clark.Wabash 8039

TOOLS, MANUFACTURERS MECHANICS TOOLS

NEW YORK

NEW YORK CITY

Wiebusch & Hilger Ltd, 106-10 Lafayette.Franklin 1535

TOOLS, PLUMBERS & TINNERS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello Av .....Kedzie 2266

TOOLS—RE-SEATING VALVE & MOTOR

ILLINOIS

CHICAGO

Skinner M B Co, 562 W Washington bl.....Main 3233

TOOLS—SMALL, TAPS, DIES, REAMERS, COUNTER BORES

OHIO

DAYTON

Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

TOOLS—SPECIAL

MICHIGAN

DETROIT

Velsmore Mfg Co, 302 E Congress.....Cherry 1992
Woodworth-Cook Tool Co, 765 Clay.....North 5009

TOOLS, STAMPING

MISSOURI

ST LOUIS

eal Machine & Tool Works, 22 S Broadway.Olive 5655

TOOLS—WOOD BORING

ILLINOIS

ROCKFORD

reat City Bit & Tool Co, 1206 Kishwaukee.Main 300
ar Bit & Tool Co The, 1016 Ninth.....Main 5802

TOOTHPICK AND CIGAR LIGHTER MFRS. & IMPORTERS (WOOD)

NEW YORK

NEW YORK CITY

tes E B & Sons, 362 Fifth av.....Greeley 4820

TOOTHPICKS

NEW YORK

NEW YORK CITY

ow Co Inc, 362 Bway.....Franklin 1414
e-Boardman J M Inc, 120 Liberty.....Rector 732

TOOTHPICKS (QUILL & WOODEN), DRINKING STRAWS

NEW YORK

NEW YORK CITY

Royal-Regal Co, 728 Lexington av.....Plaza 8205

TOOTH PICKS AND DRINKING STRAWS, INDIVIDUALLY WRAPPED

NEW YORK

NEW YORK CITY

American Toothpick Co, 138 Sumpter Brooklyn .....East N Y 5879

TOOTHPICKS (QUILL) AND HYGIENIC DRINKING STRAWS

NEW YORK

NEW YORK CITY

"Sanita" Tooth-Pick & Straw Co, 217-219 Centre .....Canal 686

TORCHES—BLOW—GAS

ILLINOIS

CHICAGO

Allen L B Co Inc, 4517 to 4529 N Lincoln .....Ravenswood 2975

TORCHES, CUTTING & WELDING

OHIO

HAMILTON

Hamilton Welding & Mfg Co, Chestnut and B & O RR.....Bell-Hamilton 600-X Ohio State 1353-X
See our Catalog Space, page 985

TORCHES, FURNACES, GASOLINE

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

TORCHES, OIL AND GAS

OHIO

CLEVELAND

Naab Mfg Co, 1384 Hird av.....Marlo 3051-W

TORCHES, RAILROAD AND FACTORY

PENNSYLVANIA

PITTSBURGH

Gem Manufacturing Co, Goebel Near Fulton.Cedar 2233

TORCHES, STOVES, FURNACES (KEROSENE OIL PRESSURE)

NEW YORK

NEW YORK CITY

General Maintenance Co, 70 Murray.....Barclay 6490

TORCHES, TAPER HOLDERS

NEW YORK

NEW YORK CITY

Columbia Wax Works, 749-751 E 137th.Melrose 2783

TOURS, CHICKAMAUGA PK. LOOKOUT MT. MISSIONARY RDG.

TENNESSEE

CHATTANOOGA

Chattanooga Sight Seeing Co, Patton Hotel.Main 3186

TOURS OF FLORIDA AND CUBA

FLORIDA

ST PETERSBURG

DuBois R B, Central av.....Bell 55

TOURS, PERSONALLY ESCORTED

ILLINOIS

CHICAGO

Sanger Tours, 17 N Lasalle.....Franklin 3985

TOW BOATS, LIGHTERAGE, WRECKERS, DIVERS

MASSACHUSETTS

BOSTON

Scott T A Inc The, 400 Border.....East Boston 830

TOW & SEA MOSS

ILLINOIS

CHICAGO

Whitney H W, 305-315 S LaSalle.. ....Wabash 8210

TOWEL CABINETS

ILLINOIS

CHICAGO

Individual Towel & Cabinet Service Co, (Individual "Locked-On" Towels and Cabinets) 2729 Quinn .....Drover 4013
Mikkelsen Edw & Co, 1725-1739 Dickson .....Haymarket 5458

TOWELS

NEW YORK

NEW YORK CITY

Schubert & Bender Inc, 200, 5th av....Gramercy 1981

TOWELS—CRASHES

NEW YORK

NEW YORK CITY

Tausend Felix, 576-578 Broadway.....Spring 2345

TOWER CLOCKS

ILLINOIS

CHICAGO

Howard E Clock Co The, 31 N State.....Central 6951

MASSACHUSETTS

BOSTON

Howard E Clock Co The, 378 Washington...Main 643

NEW YORK

NEW YORK CITY

Howard E Clock Co The, Maiden Lane and Wm .....John 3148

OREGON

PORTLAND

Howard E Clock Co The, (Butterfield Bros, Agents) Mohawk bldg.....Main 2846

WASHINGTON

SEATTLE

Howard E Clock Co The, (Jos Mayer & Bros Agts) Colman bldg.....Elliott 3856

TOWERS, STEEL

ILLINOIS

CHICAGO

Eagle Tank Co, 2426-2456 N Crawford av..Albany 6250

TOWERS STEEL (WATER TANKS, TRANSMISSION LINES, ETC.)

NEW YORK

NEW YORK CITY

Walsh & Weidner Boiler Co The, 11 Bway .....Bowling Green 8074

TENNESSEE

CHATTANOOGA

Walsh & Weidner Boiler Co The, W Main and Grove sts.....Main 694

TOWING

NEW YORK

NEW YORK CITY

Shamrock Towing Co, 680, 12th av....Columbus 4440

TOY IMPORTERS

NEW YORK

NEW YORK CITY

Haber Bros Inc, 876-78 Broadway.....Gramercy 3303

TOYS—CHESTS & BENCHES, BLOCKS, BLACKBOARDS

NEW YORK

FALCONER

American Manufacturing Concern, Work and Everett .....Jamestown 479

TOYS, MNFRS.

ILLINOIS

CHICAGO

Benjamin-Sellar Mfg Co, 557-559 W Quincy.Main 577
Flatt Machet Co The, 2526-2536 S Western av .....Canal 2451

INDIANA

LA PORTE

Outing Kumfy-Kab Co.....La Porte 39

MICHIGAN

DETROIT

Globe Specialty Co, 129 Brush.....Cadillac 4387

MISSOURI

ST LOUIS

Richardson Specialty Mfg Co, 1714-16 N Broadway .....Tyler 2406

NEW JERSEY

NEWARK

New Toy Co Inc, 143 Bleecker.....Market 8106

NEW YORK

NEW YORK CITY

Arden Manufacturing Corporation, 450-452 E 148th.....Melrose 7227

TOYS, MNFRS. AND DEALERS

ILLINOIS

CHICAGO

Makray P, 2836 Lincoln av.....Wellington 7673

TOYS MANUFACTURERS—IRON

OHIO

KENTON

Kenton Hardware Co The, W Espy.....Bell 1426

TOYS, MANUFACTURERS, METAL AND LITHOGRAPHED

NEW YORK

NEW YORK CITY

Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

TOYS, MFRS. TONGUE AND GROOVED BLOCKS

MASSACHUSETTS

MERRIMAC

Commonwealth Toy Corp (Wonderwood Toy House Builder White Pine) 8 Liberty.Merrimac 4

TOYS AND NOVELTIES—WHOLESALE

NEW YORK

NEW YORK CITY

Shulman & Sons, 109-111 Ludlow.....Orchard 5827

TOYS, STUFFED ANIMAL TOYS

NEW YORK

NEW YORK CITY

Elektra Toy & Novelty Co, 400 Lafayette..Spring 9961

TOYS—WOOD

MICHIGAN

DETROIT

Detroit Column & Mfg Co, Holden av and M C R R .....North 233

TOYS AND WOOD NOVELTIES

NEW YORK

ROCHESTER

Multikraft Inc, 39-45 State.....Bell-Main 4537
.....Home-Stone 8303

TRACK—PORTABLE—RAILROAD

NEW YORK

NEW YORK CITY

Carey Geo H, 1 Broadway.....Bowling Green 9167

TRACTOR ACCESSORIES.

ILLINOIS

CICERO

Universal Lug Company, 1401 S 55th ct..Cicero 153

TRACTOR GEARS AND TRANSMISSIONS

ILLINOIS

CHICAGO

Foote Bros Gear & Machine Co, 213 Curtis.Monroe 334

TRACTORS

ILLINOIS

CHICAGO

Austin F C Company Inc, 80 E Jackson bl .....Harrison 4668
Mercury Manufacturing Company, 4118 S Halsted .....Drover 1611

MOLINE

Velie Motors Corporation 25 Velie pl....Moline 1161

MASSACHUSETTS

BOSTON

Jewel Tractor & Truck Co The, 121 Dedham .....Beach 4275
See our Catalog Space, page 951

NEW YORK

NEW YORK CITY

Austin F C Company Inc, 30 Church st...Cortland 666

TRACTORS (FARM)

ILLINOIS

CHICAGO

Albaugh-Dover Co, 2100 Marshall bl....Rockwell 6800

MINNESOTA

MINNEAPOLIS

Liberty Tractor Co, 2113 Como av S E.Tri State 41227

NEBRASKA

NORFOLK

Albaugh-Dover Co, 11th and Benjamin...Norfolk 629

OHIO

MOUNT VERNON

Butcher Tractor Co The, West VineCitizens-Black 846

TRACTORS (GAS & OIL) ALSO TRACTOR SCHOOL

MINNESOTA

MINNEAPOLIS

Common Sense Gas Tractor Co, 622-628, 9th st S E.....East 3354

TRACTORS—KEROSENE & STEAM

WISCONSIN

RACINE

Case J I, T M Co, State and Douglas.....Racine 103
See our Catalog Space, page 918

TRACTORS, OIL

MINNESOTA

MINNEAPOLIS

Minneapolis Steel & Machinery Co, Bell-Drexel 2025
2854 Minnehaha av.....Tri State 61100

TRACTORS, ROAD ROLLERS, STEAM ENGINES, SEPARATORS

IOWA

DES MOINES

Leader Tractor Mfg Co, 9th and Vine.....Walnut 2096

TRACTORS—STEAM ENGINES, SEPARATORS, HULLERS

OHIO

MANSFIELD

Aultman & Taylor Machinery Co Bell-Mansfield 10
The .....Independent-Mansfield 10

TRADE MARK ATTORNEYS

NEW YORK

NEW YORK CITY

Mock & Blum, 220 Bway.....Cortland 3352

OHIO

CLEVELAND

Donnelly W E & J J, Cuyahoga bldg.....Main 1051

TRADE MARKS

ILLINOIS

CHICAGO

Rankin Wm H Company, 104 S Michigan
av .....Randolph 6600

NEW YORK

NEW YORK CITY

Rankin Wm H Company, 25 E 26th.....Mad Sq 7597

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NEW YORK CITY

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Ohio Valley News Service Inc, Bell-Main 1995
Starks bldg .....Home-City 1995

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CHICAGO

Shaw Publishing Co, 14 E Jackson bl....Harrison 5242

TRADE SCHOOLS

ILLINOIS

CHICAGO

Moler Trade School, 105 S Wells .....Franklin 4230

TRAILERS, MANUFACTURERS, OUTING & COMMERCIAL

MINNESOTA

MINNEAPOLIS

Curtis Trailer Co. 1411 Hennepin av.....Main 3867

TRAILERS—SEMI, MNFRS.

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

MICHIGAN

ANN ARBOR

King Trailer Co, 800 Main.....Ann Arbor 1059

TRAMRAIL SYSTEMS

CALIFORNIA

SAN FRANCISCO

Brown Hoisting Machinery Co The, (H D Wright) Monadnock bldg .....Sutter 411

ILLINOIS

CHICAGO

Brown Hoisting Machinery Co The, (J P Case) 208 S Lasalle.....Wabash 5963

OHIO

CLEVELAND

Brown Hoisting Machinery Co The, 4403 St Clair av .....Prospect 1640

NEW YORK

NEW YORK CITY

Brown Hoisting Machinery Co The, (Richard Devens) 50 Church .....Cortland 3798

OREGON

PORTLAND

Colby Engineering Co The, 70 First.....Main 6416

PENNSYLVANIA

PITTSBURGH

Brown Hoisting Machinery Co The, (H C Torrance) Oliver bldg.....Grant 2694

TRANSFER ORNAMENTS

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce...Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

NEW YORK

NEW YORK CITY

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray .....Barclay 5969

OHIO

CINCINNATI

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) Spencer av nr Cleneay, Norwood.....Ridge 1475

TRANSFER WINDOW SIGNS

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce Main 1461

TRANSFERING & TEAMING

ILLINOIS

CHICAGO

Dixon Arthur Transfer Co, 425 S Wells..Wabash 2844
Pennover Merchants Transfer Co, 742-752 W Polk.....Monroe 6792
Stockton Jos Transfer Co, Rookery bldg..Wabash 3238

WISCONSIN

MILWAUKEE

Union Transfer Co The (Authorized Transfer Agts C M & St P Ry), 19 West Water.Grand 3960

TRANSLATIONS, ALL LANGUAGES COMMERCIAL, TECHNICAL

NEW YORK

NEW YORK CITY

Osbourne A, 347 Fifth av.....Vanderbilt 5315

TRANSLATORS

ILLINOIS

CHICAGO

Foreign Languages Translation Bureau, First Nat Bank bldg.....Central 6104

NEW YORK

NEW YORK CITY

American Exporter Translation Bureau (Translations in any language by experienced native translators and technical experts. Catalog translations a specialty), 17 Battery Place .....Rector 4581
Foreign Business Corporation (Translations of Technical catalogues a specialty), 17 Battery Place .....Rector 7048
International Press, 150 Lafayette.....Canal 8934
Merchants & Lawyers Translation Bureau (All languages—Accuracy—Secrecy—Highest References) 11 Broadway.....Bowling Green 8328
Prunera Studios of the Spanish Language (Translations accurately made for 14 years), 80 Wall .....Hanover 6273

TRANSLUCENT WINDOW SIGNS

ILLINOIS

CHICAGO

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Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

NEW YORK

NEW YORK CITY

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray .....Barclay 5969

OHIO

CINCINNATI

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) Spencer av nr Cleneay, Norwood.....Ridge 1475

TRANSMISSION GEARS

ILLINOIS

ROCKFORD

Cotta Transmission Co, 2340, 11th.....Main 3208

TRANSMISSION MACHINERY, SPEED REDUCING

ILLINOIS

CHICAGO

O'Kelly Gregory, 557 W Jackson bl.....Harrison 2754

TRANSMISSION ROPE—SPECIALLY PREPARED.

NEW YORK

NEW YORK CITY

New York Cordage Co The, 123 Front.....John 2215

TRANSOM OPERATORS & STAYS

MISSOURI

ST LOUIS

Monarch Metal Weather Strip Co The, 4121 Forest Park bl....Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023

TRANSPORTATION

NEW YORK

NEW YORK CITY

Barton Edward J Lighterage Co, 59 Pearl.Broad 4613
See our Catalog Space, page 967

TRANSPORTATION COMPANIES

SOUTH CAROLINA

CHARLESTON

Motor Transport Co The, 44 Market..Charleston 2325

TRAPS (STEAM & AIR)

IOWA

MARSHALLTOWN

Fisher Governor Co The, 201-3 S 1st av .....Marshalltown 82

TRAPS, FLY

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

TRAPS—RAT, MOUSE, GOPHER AND GAME

ILLINOIS

ABINGDON

Abingdon Trap Co, 701 Jefferson.....Abingdon 66

TRAVELING BAGS, (MNFRS.)

ILLINOIS

CHICAGO

Lome Philip, 3825-31 W Lake.....Monroe 3333

NEW YORK

NEW YORK CITY

Boyle John & Co Inc, 112 Duane.....Worth 4770
Laitman S & Son, 657 Bway, Bklyn.....Stagg 5166

TRAVELING BAGS & CASES MNFRS

NEW YORK

NEW YORK CITY

Crouch & Fitzgerald, 177 Bway.....Cortland 873

TRAVELING BLOCKS

LOUISIANA

SHREVEPORT

Henderson W K Iron Works & Supply Co The, Caddo st, Spring to Commerce .....Bell-Shreveport 851 Home-Shreveport 679

TRAYS AND OVAL FRAMES

MICHIGAN

DETROIT

Schmidt Hugo W Picture Frame Co, 38 and 40 Randolph .....Main 2073

TREADS, MASON SAFETY

ILLINOIS

CHICAGO

Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg.....Lawndale 1

MASSACHUSETTS

BOSTON

American Mason Safety Tread Co, Old South bldg .....Main 1607

LOWELL

American Mason Safety Tread Co, 125 Perry .....Lowell 1490

MICHIGAN

DETROIT

Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

MISSOURI

ST LOUIS

Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500 Kinloch-Central 3645

NEW YORK

NEW YORK CITY

American Mason Safety Tread Co, 50 Church .....Cortland 2354
Ryerson Joseph T & Son, 30 Church and West Side av Jersey City.....Cortland 8650

OHIO

CLEVELAND

American Mason Safety Tread Co, 1836 Euclid av .....Prospect 2595

PENNSYLVANIA

PHILADELPHIA

American Mason Safety Tread Co, Widener bldg .....Walnut 4095

TREE NAILS—LOCUST

NEW YORK

NEW YORK CITY

Galbraith C C & Son, 90 West.....Rector 6246

TREE NAILS—LOCUST & OAK

NEW YORK

NEW YORK CITY

Atlantic Sales Co, 29 Broadway.....Whitehall 979

TREE SURGERY

OHIO

DAYTON

Poeppelmeier & Mick, Watervliet and King avs .....East 2707

SPRINGFIELD

Poeppelmeier & Mick, Mitchell bldg .....Bell-Main 3600 Ohio State 2026

TREES, ORNAMENTAL AND FRUIT, SHRUBS, ROSES

NEW YORK

NEWARK

Moore William C & Co, Commercial bldg.Newark 132

TRENCHING AND DITCHING MACHINERY

ILLINOIS

CHICAGO

Austin F C Company Inc, 80 E Jackson bl.Harrison 4668

NEW YORK

NEW YORK CITY

Austin F C Company Inc, 30 Church....Cortland 666

TRIMMINGS, SILK CORDS, FRINGES, TASSELS, NOVELTIES

NEW YORK

NEW YORK CITY

Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078

TROLLEY FROGS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY LINE SECTION INSULATOR SWITCH

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY MNFRS.

MICHIGAN

DETROIT

Hensley Trolley & Mfg Co, 870 Holden av..North 765

TROLLEY POLE HEADS & HARPS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY POLES

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY SPLICERS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY WHEEL BUSHINGS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEY WHEELS

PENNSYLVANIA

JOHNSTOWN

Flood City Manufacturing Co The, Bell-Johnstown 94
Messenger and Elder sts.....City 2164
See our Catalog Space, page 929

TROLLEYS (I BEAM SYSTEMS)

ILLINOIS

CHICAGO

Chisholm-Moore Mfg Co The, Peoples Gas bldg .....Harrison 5506

NEW YORK

NEW YORK CITY

Chisholm-Moore Mfg Co The, 30 Church.Cortland 4545

OHIO

CLEVELAND

Chisholm-Moore Mfg Co The, 5046 Lakeside av .....Rosedale 2926

PENNSYLVANIA

PITTSBURGH

Chisholm-Moore Mfg Co The, H W Oliver bldg .....Grant 1780

TROLLEYS, OVERHEAD

PENNSYLVANIA

READING

Reading Chain Block Co Bell-Reading 2838
.....Cons 171-J

TROLLEYS, SINGLE I BEAM

MISSOURI

ST LOUIS

Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

TROWELS (BRICK PLASTERING CEMENT & POINTING)

IOWA

MARSHALLTOWN

Marshalltown Trowel Co.....Marshalltown 273

TRUCK BODIES, STEEL

ILLINOIS

CHICAGO

Auto Truck Steel Body Co, 3028-46 Carroll av .....Garfield 1518

TRUCK CASTERS

OHIO

HAMILTON

Hamilton Caster & Mfg Co The (Trukaster-Kwality Kasters), Hanover st.....Hamilton 2035

TRUCK COVERS

NEW YORK

NEW YORK CITY

Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017

TRUCK MOTORS

WISCONSIN

MILWAUKEE

Wisconsin Motor Mfg Co, 44th av and Burnham Sta A.....W. Allis 337

TRUCK AND TRUCK UNIT (PARTS) FOR ASSEMBLERS

MINNESOTA

LUVERNE

Luverne Truck Gear Co, cor Maple and McKenzie .....Luverne 152

TRUCK AND WAGON LOADERS

OHIO

COLUMBUS

Jeffrey Mfg Co The, 927 North Fourth.....North 2360

TRUCKING

NEW YORK

NEW YORK CITY

Bahr H D Trucking & Warehouse Co, 285-7 E 137th .....Melrose 8616
See our Catalog Space, page 1012
Farley John, 414-416 E 20th.....Gramercy 280

TRUCKING (SAFES AND MACHINERY)

NEW YORK

NEW YORK CITY

Krasilovsky S & Bro, 218 Centre.....Canal 187

TRUCKING & HOISTING CONTRACTORS

NEW YORK

BUFFALO

Snyder Frank Trucking Co, 263-265 E Eagle .....Seneca 232

TRUCKING & WAREHOUSING

NEW YORK

NEW YORK CITY

Allison Trucking Co, 74 Cliff.....Beekman 6755

TRUCKMEN

NEW YORK

NEW YORK CITY

Atlanta Haulage Co Inc (General Auto Trucking for all purposes By hour, day, week, month or contract Also by the ton), [illegible] .....Murray Hill 846

TRUCKS

ILLINOIS

CHICAGO

Barrett-Cravens Co, (Barrett Multi Truck) Transportation bldg .....Harrison 5526
Sterling Wheelbarrow Co, 30 S Jefferson..Monroe 671
Factory, Milwaukee Wis
See our Catalog Space, page 950

MASSACHUSETTS

BOSTON

Jewel Tractor & Truck Co, 121 Dedham....Beach 4275
See our Catalog Space, page 951

OHIO

CINCINNATI

Stuebing Truck Co The (Elevating Platform Trucks, Conveying Systems), 308-14 Walnut .....Main 1027

TEXAS

WICHITA FALLS

Wichita Falls Motor Co.....Bell 371-370

WISCONSIN

MILWAUKEE

Sterling Wheelbarrow Co, West Allis....W. Allis 380
See our Catalog Space, page 950

TRUCKS, ELEVATING

CALIFORNIA

LOS ANGELES

Lewis-Shepard Company (M E Canfield Co, Agts), I N Van Nuys bldg.....Main 1016

SAN FRANCISCO

Lewis-Shepard Company (O E Falch Jr, Agt), Hearst bldg.....Kearny 3970

ILLINOIS

CHICAGO

Barrett-Cravens Co, (Barrett Multi-Truck) Transportation bldg .....Harrison 5526
Lewis-Shepard Company (E L Koenig, Agt), 136 W Lake.....Franklin 3781
National Scale Co, Kimball Hall.....Harrison 3779
Transmission Ball Bearing Co, 12 N Jefferson .....Monroe 4661
See our Catalog Space, page 920

PEORIA

Lewis-Shepard Company (Fred Chase, Agt), Lehmann bldg .....Main 4536

INDIANA

INDIANAPOLIS

Lewis-Shepard Company (Samuel Toole, Agt), 336 Burgess av.....Irvington 336

LOUISIANA

NEW ORLEANS

Lewis-Shepard Company (A L Dixon, Agt), c/o Gulf Motor Co.....Main 4081

MASSACHUSETTS

BOSTON

Lewis-Shepard Company, 44 Bismarck....Fort Hill 1368
Transmission Ball Bearing Co, 624 Main.Cambridge 252
See our Catalog Space, page 920

CHICOPEE FALLS

National Scale Co .....Chicopee Falls 744

HOLYOKE

Holyoke Truck Co, 114 Race.....Holyoke 196
See our Catalog Space, page 1019

TRUCKS, ELEVATING—CONT'D.

MICHIGAN

DETROIT

Lewis-Shepard Company (C A Marion, Agt), Union Trust bldg.....Main 5488

MISSOURI

ST LOUIS

Lewis-Shepard Company (Jas O Coleman), 4021a Shaw av .....Grand 4716-J

NEW JERSEY

NEWARK

Lewis-Shepard Company (The Fairbanks Co, Agts), 90 Academy.....Market 4982

NEW YORK

BUFFALO

Lewis-Shepard Company (Power City Supply Co, Agts), Prudential bldg.....Seneca 3029
Transmission Ball Bearing Co, 1050 Military rd .....North 4786
See our Catalog Space, page 920

NEW YORK CITY

Lewis-Shepard Company (L M Cain Co, Agts), 260 Broadway.....Barclay 8020
National Scale Co, 30 Church.....Cortland 1501
Transmission Ball Bearing Co, 30 Church.Cortland 389
See our Catalog Space, page 920

OHIO

CINCINNATI

Lewis-Shepard Company (S A Fisher & Son, Agts), Gerke bldg.....Canal 514

CLEVELAND

Lewis-Shepard Company (H S Sharpe, Agt), Swetland bldg.....Bell-Prospect 128
.....Ohio State-Central 7742-W
National Scale Co, Erie bldg.....Prospect 3434

TOLEDO

Lewis-Shepard Company (L C Whitcomb, Agt), Spitzer bldg.....Bell-Main 8480 Home-Main 5060

OREGON

PORTLAND

Lewis-Shepard Company (M D Spencer, Agt), 54 First.....Broadway 1235

PENNSYLVANIA

PHILADELPHIA

Lewis-Shepard Company (T Lynch Hubbard, Agt), Hale bldg.....Walnut 5361
National Scale Co, Pennsylvania bldg.....Spruce 973
Transmission Ball Bearing Co, Bourse bldg .....Lombard 490
See our Catalog Space, page 920

RHODE ISLAND

PROVIDENCE

Lewis-Shepard Company (Harold Crane, Agt), 96 Taylor.....Broad 1274-W

TRUCKS, FACTORY, LUMBER YD, MACH SHOP, WAREHSE, TEXTILE

OHIO

CINCINNATI

Towsley John T Mfg Co, 1037 Evans.....West 331

TRUCKS FREIGHT & WAREHOUSE

ILLINOIS

CHICAGO

Wood, Guilford S, 20 W Jackson bl.....Harrison 2942

OHIO

CINCINNATI

Zering H Mfg Co The, 528-530 Reading rd.Canal 334

WISCONSIN

MILWAUKEE

Spring Bearing Truck Co, 127 S Water...Hanover 1264

TRUCKS, INDUSTRIAL

CALIFORNIA

SAN FRANCISCO

Lansing-Company, 338-348 Brannan.....Kearny 2975

ILLINOIS

CHICAGO

Lansing-Company, 169 W Lake.....Main 3758

MASSACHUSETTS

BOSTON

Lansing-Company, 78 Cambridge.....Charlestown 1370

MICHIGAN

LANSING

Lansing-Company .....Lansing 2000

MINNESOTA

MINNEAPOLIS

Lansing-Company, 517-519 Third N Bell-Main 3723
.....Tri-State 36-711

MISSOURI

KANSAS CITY

Lansing-Company, 1413-1415 W Tenth.Home-Main 4638

NEW YORK

NEW YORK CITY

Kilbourne & Jacobs Mfg Co The, 25 Broad..Broad 4699
Lansing-Company, 288-299 West.....Canal 9073

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co The, Bell-Main 91
Lincoln & Congress.....Ohio State 8368

PENNSYLVANIA

PHILADELPHIA

Lansing-Company N American Bell-Market 1822
and Willow .....Keystone-Main 2320

TRUCKS, MNFRS—ALL STEEL FACTORY TRUCKS

OHIO

NILES

Ohio Galvanizing & Mfg Co The.....Niles 700

TRUCKS, PLATFORM, FACTORY, WAREHOUSE AND STORE

MINNESOTA

FARIBAULT

Nutting Truck Co, 1138 W Bell-Faribault 150
Division .....Tri State 1650

TRUCKS—SPECIAL FROM DRAWINGS AND SPECIFICATIONS

OHIO

CINCINNATI

Towsley John T Mfg Co, 1037 Evans.....West 331

TRUCKS, STORE, PLATFORM & WAREHOUSE

NEW YORK

NEW YORK CITY

Fowl Julius, 119 West 17th.....Chelsea 6186
Standard Scale & Supply Co The, 145 Chambers .....Worth 1352
See our Catalog Space, page 1004

TRUCKS, STORE & WAREHOUSE

NEW YORK

NEW YORK CITY

Empire Hardware Co, 85 Warren.....Barclay 5833

TRUCKS—WAREHOUSE

ILLINOIS

CHICAGO

Kelly-Derby Co, 122 S Michigan av.....Harrison 3325

TRUCKS WAREHOUSE & FACTORY

INDIANA

INDIANAPOLIS

Tucker & Dorsey Mfg Co, 310 S State av.Prospect 485

MICHIGAN

HOLLY

Michigan Truck & Lumber Co .....Holly 4

TRUCKS—WAREHOUSE AND TRAILER

ILLINOIS

CHICAGO

Schroeder H L, 3512-3544 Carroll av.....Kedzie 1138

TRUNK LOCKS AND HARDWARE

NEW JERSEY

BLOOMFIELD

Harrison Lock & Electroplating Works, Bloomfield av & Grove.....Branch Brook 437

TRUNK & SUIT CASE MNFRS

OHIO

YOUNGSTOWN

Youngstown Trunk Manufacturing Co, 66 S Prospect .....Ohio State 3221

TRUNKS

MICHIGAN

DETROIT

Corn & Zeidman, 251 Gratiot av.....Cherry 789

NEW YORK

NEW YORK CITY

Crouch & Fitzgerald, 177 Bway.....Cortland 873
Fiber Sample Trunk Mfg Co, 10 W 18th..Chelsea 1593
Vierling A P, 21 W 3d.....Spring 8508
See our Catalog Space, page 1019

PENNSYLVANIA

PITTSBURGH

Kleber Trunk Co, 1208, 5th av.....Bell-Grant 2855
.....P&A-Forbes 2071

TRUNKS, CASES, ETC.

ILLINOIS

CHICAGO

Fleig L L & Co, 216 W Austin av.....Franklin 2637

TRUNKS—FIBRE SAMPLE TRUNKS, WARDROBE & CASES

NEW YORK

NEW YORK CITY

Standard Trunk Manufacturing Co, 535 Bway.....Spring 8072

TRUSS HOOPS & BUNG PICKS (MANUFACTURERS)

OHIO

CINCINNATI

Frelinger J G Iron Works, 115-17 W 2d....Main 2067

TRUSS MANUFACTURERS & FITTERS

NEW YORK

NEW YORK CITY

Bunker John W Inc, 110 W 34th.....Greeley 6547

TRUSSES

ILLINOIS

CHICAGO

Seeley I B Truss Establishment, 117 N Dearborn.....Central 4732
Sharp & Smith, 155-157 N Michigan bl.....Randolph 3421

NEW YORK

NEW YORK CITY

Acret Co, 326 Livingston, Bklyn.....Main 519
Becker Augustin (Mnfr and fitter, Men's, Women's Children's Trusses, supporting-belts, elastic stockings, arch supporters, orthopedic and other surgical appliances) 202 W 23d nr 7th av.....Chelsea 3943
Ditman A J, 2 Barclay.....Barclay 7045
Eisen Wm M Co, 412, 8th av nr Penn Depot.....Chelsea 3372

OHIO

CINCINNATI

Uprite Mfg Co, 7th & Main.....Canal 657

PENNSYLVANIA

PHILADELPHIA

Philadelphia Orthopedic Co, 49 N 13th...Walnut 294
Seeley I B, 1027 Walnut.....Filbert 4497

TRUST COMPANIES

MASSACHUSETTS

CAMBRIDGE

Cambridge Trust Co, 1336 Massachusetts av.....Cambridge 57

NEWTON

Newton Trust Company (Capital $400,000-Surplus $400,000), 282 Washington....Newton North 2640

TUBE MANUFACTURERS

OHIO

PAINESVILLE

Perfection Tube Company The,.....Main 36

TUBES, BOILER

ILLINOIS

CHICAGO

Chicago Tube & Iron Co, 1409 S Jefferson.Canal 3167

TUBES, BRASS AND COPPER

ILLINOIS

CHICAGO

Dallas A C & Son Inc, 228 N Jefferson..Franklin 5320

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th.Erie 1295-M

TUBES COLLAPSIBLE

PENNSYLVANIA

NEW BRIGHTON

Standard Specialty & Tube Co.Bell-New Brighton 1076
.....Beaver County 1076

TUBES, PAPER

MASSACHUSETTS

LOWELL

Lowell Paper Tube Corporation, 42WarrenLowell 3873-W

TUBING

NEW YORK

NEW YORK CITY

Titeflex Metal Hose Corp, 120 Bway.....Rector 8024

TUBING, ALL KINDS

OHIO

CINCINNATI

Morris E K & Co, 311-17 W 2d.....Main 1525

TUBING SEAMLESS & BRAZED BRASS COPPER & BRONZE

MARYLAND

BALTIMORE

Hungerford U T Brass & Copper Co, se cor Lombard & South.....St Paul 7777

MASSACHUSETTS

BOSTON

Hungerford U T Brass & Copper Co, of Boston, 95 Broad.....Fort Hill 4415

NEW YORK

NEW YORK CITY

Hungerford U T Brass & Copper Co, 80 Lafayette.....Franklin 5700

TUBING, SEAMLESS STEEL

ILLINOIS

CHICAGO

Dearborn Steel & Iron Co, 122 S Michigan av.....Harrison 1251
Steel Sales Corp, 129 S Jefferson.....Franklin 4280

OHIO

CLEVELAND

Elyria Iron & Steel Co The, 232 East 131st.Eddy 3700
Standard Parts Company The, Hickox bldg..Main 6933

PENNSYLVANIA

ERIE

Erie Metal Products Co, 644-648 W 12th.Erie 1295-M

TUBULAR GOODS, OIL COUNTRY IRON & STEEL

ILLINOIS

CHICAGO

Spang Chalfant & Co Inc, McCormick bldg.....Harrison 5230

MISSOURI

ST LOUIS

Spang Chalfant & Co, Bentmen Bank bldg.Olive 3340

PENNSYLVANIA

PITTSBURGH

Spang, Chalfant & Co Inc, Union Bank bldg.Court 770

TUBULAR PARTS, STEEL

OHIO

CLEVELAND

Standard Parts Company The, Hickox bldg.....Main 6933

TUNGSTEN

NEW YORK

NEW YORK CITY

Leaf E B Co, 50 Church.....Cortland 2656
Wenger Paul & Co, 100 Broadway.....Rector 5083

TURBINES (WATER) FRANCIS AND PELTON TYPES

NEW YORK

NEW YORK CITY

Pelton Water Wheel Co The, 90 West.....Rector 543

TURNERS

NEW YORK

NEW YORK CITY

New York Wood Working Corporation 506 E 19th.....Gramercy 3239
See our Catalog Space, page 1026

TURNERS, WOOD

NEW YORK

NEW YORK CITY

Schutz Bros Inc, 71 West Broadway.....Barclay 9727

TURNERS—WOOD (AUTOMATIC AND HAND TURNING)

NEW YORK

NEW YORK CITY

Estes E R & Sons, 302, 5th av.....Greeley 4820

TURNSTILES—EXIT ONLY

PENNSYLVANIA

PITTSBURGH

Moore Frazer M & Co, Farmers Bank bldg.Grant 1516
See our Catalog Space, page 976

TURNSTILES, REGISTERING & AUTOMATIC LOCKING

NEW YORK

NEW YORK CITY

Perey Mfg Co Inc, 30 Church.....Cortland 2895

TURNTABLE MFRS. INDUSTRIAL AND AUTOMOBILE

OHIO

CANTON

Canton Foundry & Machine Co Inc The, 3d S E & Savannah av ..... Bell-Main 222, Ohio State 222

TURNTABLES AUTOMOBILE & DISPLAY

CONNECTICUT

DANBURY

Turner Machine Co, 28-40 Maple av ..... Danbury 17

TURPENTINE

GEORGIA

SAVANNAH

London-Savannah Naval Stores Co, Germania Bank bldg ..... Savannah 697

ILLINOIS

CHICAGO

London-Savannah Naval Stores Co, 140 N Dearborn ..... Majestic 7311

NEW YORK

NEW YORK CITY

Independent Products Co ("Superba" Turpentine, Paints, Varnishes, Linseed Oil, Lubricating Oils and Greases for Export), 116 Broad ..... Bowling Green 9570

TURPENTINE & ROSIN

GEORGIA

SAVANNAH

Antwerp Naval Stores Co, Savannah Bank & Trust bldg ..... Savannah 4877

ILLINOIS

CHICAGO

Central Commercial Co, 111 N Market ..... Main 733
General Naval Stores Co, 332 S Michigan av ..... Harrison 6587

LOUISIANA

NEW ORLEANS

Peabody D D (Sales Agent), Hibernia Bank bldg ..... Main 3490

NEW YORK

NEW YORK CITY

Antwerp Naval Stores Company, 90 West ... Rector 3173
General Naval Stores Co, 90 West ..... Rector 7660

PENNSYLVANIA

PHILADELPHIA

Antwerp Naval Stores Company, Drexel bldg ..... Bell-Lombard 2700, Keystone-Main 2184

TURPENTINE, ROSIN, PINE OILS, TAR & OIL TAR

ILLINOIS

CHICAGO

Adams Fred C Co The, 234 S LaSalle .... Wabash 6829

TURPENTINE SUBSTITUTES

PENNSYLVANIA

PHILADELPHIA

Terabentine Co The Inc, Commercial Trust bldg ..... Spruce 4266

TURRET LATHES

INDIANA

INDIANAPOLIS

Millholland W K Machine Co, 10th & Canal ..... Bell-Main 4072, Automatic 28-246

TURRET LATHES—HEAVY DUTY

INDIANA

INDIANAPOLIS

International Machine Tool Co, 21st & Belt Railway ..... Bell-North 2486, Automatic 23-486

TWINE (PAPER)

NEW YORK

NEW YORK CITY

Hayner George M Company, 541 W 56th. Columbus 4375

TWINE, COTTON, JUTE & HEMP

GEORGIA

ATLANTA

National Paper Co, Simpson Elliott & Tyler & Sou Ry ..... Main 1163

TWINE COTTON SEINE CORDAGE CABLE CORDS, ETC

CONNECTICUT

MOODUS

Brownell & Co, ... E Hampton 41-3

TWINE FOR BROOM, MATTRESS, ETC

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water. Beekman 3579

TWINE, HEMP, JUTE, FLAX & COTTON

PENNSYLVANIA

PHILADELPHIA

Morice Twine Mills, Water and Tasker .. Dickinson 71

TWINES

ILLINOIS

CHICAGO

Daily Bros, 20 W Austin av ..... Central 5149
Iden Wm A Co, 564 Washington bl ..... Main 1586

NEW YORK

NEW YORK CITY

Grady M J Co, 110-112 Reade ..... Worth 4690
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PENNSYLVANIA

PHILADELPHIA

Bailey John T Co, Water and Tasker. Dickinson 1520

TWINES, ALL KINDS

NEW YORK

NEW YORK CITY

Auer & Twitchell, 14-16 Waverly pl ..... Spring 4777

PENNSYLVANIA

PHILADELPHIA

Auer & Twitchell, 841 Chestnut ..... Bell-Walnut 918, Keystone-Main 1691

TWINES AND CORDAGE

ILLINOIS

CHICAGO

Curtis & Co Mnfg Co, 215 N Desplaines .. Monroe 3441
Schermerhorn Bros Co, 5 N Lasalle ..... Main 4460

NEW YORK

NEW YORK CITY

Kelley Henry C Company ("Economy Quality"), 35 Worth ..... Franklin 2700
New York Cordage Co The, 123 Front ..... John 2215

OHIO

CINCINNATI

Chatfield & Woods Co The, Third and Plum ..... Main 953

CLEVELAND

Union Paper & Twine Co, St Clair av N W ... Main 6360

TWINES & CORDAGE (BINDER, FLAX, HEMP)

NEW YORK

NEW YORK CITY

Disbrow Cordage Co, 149 Church ..... Barclay 5868

TWINES (JUTE) FOR FLOUR MILLERS & DEALERS

OHIO

CINCINNATI

Chatfield & Woods Sack Co The, 3rd & Plum. Main 953

TWIST DRILLS

CALIFORNIA

STOCKTON

Whitman & Barnes Mfg Co The (C H Klieves, Rep) ..... Stockton 2798

ILLINOIS

CHICAGO

Cleveland Twist Drill Co The, (A L Beardsley Agent) 9 N Jefferson ..... Main 2866
Whitman & Barnes Mfg Co The (J C Scanlon, Agt), 565 Washington ..... Franklin 2210

MICHIGAN

DETROIT

Detroit Twist Drill Co, 634-46 W Fort ..... West 375
Whitman & Barnes Mfg Co The (C D Eno, Agt), 600 Moore pl ..... Walnut 2631-M

MISSOURI

KANSAS CITY

Whitman & Barnes Mfg Co The (The Carr Manufacturing Co, Agts) Bell-Main 360, Independent-Main 360

NEW YORK

NEW YORK CITY

Cleveland Twist Drill Co The, (Edward Jung Agent) 30 Reade ..... Worth 122
Detroit Twist Drill Co, 30 Warren ..... Barclay 4702
Whitman & Barnes Mfg Co, The, (Ralph Templeton, Mgr) 64 Reade .... Worth 3270

OHIO

AKRON

Whitman & Barnes Mfg Co The, 114 East Buchtel av ..... Bell-Main 5080, Ohio State 2148

CINCINNATI

Whitman & Barnes Mfg Co The (H Z Callendar, Agt), First National Bank bldg. Main 825

CLEVELAND
Cleveland Twist Drill Co The, E 49th and Lakeside ..... Rosedale 3120

PENNSYLVANIA

PHILADELPHIA
Whitman & Barnes Mfg Co The (The Tracy, E W Haine, Rep) ..... Keystone 4301-D

PITTSBURGH
Whitman & Barnes Mfg Co The (R S Carter, Rep), 416 Eight Oakmont .. Oakmont 161

TWIST DRILLS, HIGH SPEED

ILLINOIS

CHICAGO
Rich Tool Co, 80 E Jackson bl ..... Harrison 3537

MICHIGAN

DETROIT
Fisher Tool & Supply Co, 40-42 Larned E. Cherry 3980

TWO-WAY PLUG

ILLINOIS

CHICAGO
Benjamin Electric Mfg Co, 120-128 S Sangamon ..... Monroe 6161

TYPE EMBOSSING PRESSES

NEW YORK

NEW YORK CITY
Roovers Bros, 100 Schermerhorn, Bklyn ..... Main 3780

TYPE FOUNDERS

NEW YORK

NEW YORK CITY
American Type Founders Co, 200 William. Beekman 3885
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TYPE FOUNDERS, PRINTERS' MACHINERY AND SUPPLIES

CALIFORNIA

LOS ANGELES
American Type Founders Co, 121 N Bway .. Main 372
See our Catalog Space, page 1019

SAN FRANCISCO
American Type Founders Co, 820-822 Mission ..... Sutter 1950
See our Catalog Space, page 1019
Monotype Company of California, Rialto bldg ..... Sutter 6275
See our Catalog Space, page 999

CANADA

TORONTO, ONTARIO
Lanston Monotype Machine Co, Lumsden bldg ..... Main 3251
See our Catalog Space, page 999

COLORADO

DENVER
American Type Founders Co, 1621 Blake .... Main 1764
See our Catalog Space, page 1019

ILLINOIS

CHICAGO
American Type Founders Co, 517-519 W Monroe ..... Franklin 1188
See our Catalog Space, page 1019
Lanston Monotype Machine Co, 417 S Dearborn ..... Wabash 1652
See our Catalog Space, page 999

MARYLAND

BALTIMORE
American Type Founders Co, 218-215-217 North ..... St Paul 3092
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MASSACHUSETTS

BOSTON
American Type Founders Co, 270 Congress. Main 236
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Lanston Monotype Machine Co, 170 Summer. Main 4840
See our Catalog Space, page 999

MICHIGAN

DETROIT
American Type Founders Co, 43-45 W Congress ..... Cadillac 600
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MINNESOTA

MINNEAPOLIS
American Type Founders Co, 419-423 Fourth South ..... Main 7156
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MISSOURI

KANSAS CITY
American Type Founders Co, cor 10th and Wyandotte ..... Main 1664
See our Catalog Space, page 1019

ST LOUIS
American Type Founders Co, Ninth and Walnut ..... Main 2059
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NEW YORK

BUFFALO
American Type Founders Co, 45 N Division. Seneca 1447
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NEW YORK CITY
American Type Founders Co, 200 William. Beekman 3885
See our Catalog Space, page 1019
Conner Fendler & Co, 96 Beekman ..... Beekman 3970
See our Catalog Space, page 1019
Lanston Monotype Machine Co, World bldg ..... Beekman 3155
See our Catalog Space, page 999

OHIO

CINCINNATI
American Type Founders Co, 646 Main .... Canal 2037
See our Catalog Space, page 1019

CLEVELAND
American Type Founders Co, 15 St Clair av N E ..... Main 1787
See our Catalog Space, page 1019

OREGON

PORTLAND
American Type Founders Co, 47 Fourth ..... Pacific-Broadway 890 Home-A 2264
See our Catalog Space, page 1019

PENNSYLVANIA

PHILADELPHIA
American Type Founders Co, 17-19 South 6th ..... Lombrd 378
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Lanston Monotype Machine Co, Locust & 24th ..... Spruce 4471
See our Catalog Space, page 999

PITTSBURGH
American Type Founders Co, 323 Third av .. Court 548
See our Catalog Space, page 1019

VIRGINIA

RICHMOND
American Type Founders Co, Inc, 1320 E Franklin ..... Randolph 3157
See our Catalog Space, page 1019

WASHINGTON

SPOKANE
American Type Founders Co, Sprague av and Browne st ..... Main 413
See our Catalog Space, page 1019

WISCONSIN

MILWAUKEE
Milwaukee Printers Supply House, 125, 2d .. Grand 352
See our Catalog Space, page 1019

TYPE FOUNDRIES, BRASS

MISSOURI

ST LOUIS
Missouri Brass Type Foundry Co, 1621 N 23d ..... Kinloch-Central 6217-R

TYPE METALS

ILLINOIS

CHICAGO
Murphy Metals Co, 114-116 W Vanburen. Harrison 964
Staplin & Smith, 126 Orleans ..... Main 2244

MARYLAND

BALTIMORE
Union Smelting & Refining Co Inc, se cor Howard and Ostend ..... South 1230
See our Catalog Space, page 1008

MASSACHUSETTS

BOSTON
Richards & Co Inc, 200 Causeway ..... Richmond 357

MICHIGAN

DETROIT
Union Smelting & Refining Co Inc, Campau bldg ..... Cadillac 4691
See our Catalog Space, page 1008

MISSOURI

ST LOUIS
Hoyt Metal Co, Boatmen's Bank bldg ..... Main 5150

NEW JERSEY

NEWARK
Union Smelting & Refining Co Inc, St Charles and Ave L ..... Market 828
See our Catalog Space, page 1008

NEW YORK

NEW YORK CITY
Union Smelting & Refining Co Inc, 604-608 E 19th ..... Gramercy 6699
See our Catalog Space, page 1008

OHIO

COLUMBUS
Ohio Metal Co The, 1131 N 4th ..... Bell-North 4559 Ohio State 16260

TYPE METALS, STEREO, LINO, MONO, ELECTRO

MISSOURI

ST LOUIS
Hiertz Theo Metal Co, 8009 Alaska av ..... Bell-Riverside 134 Kinloch-Laclede 17

TYPEWRITER RIBBONS—MANUFACTURERS

NEW JERSEY

NEW BRUNSWICK
Pen Carbon Manifold Co, 65 Mine .. New Brunswick 546

TYPEWRITER RIBBONS & MARKING CRAYONS

ILLINOIS

CHICAGO
Backus Mfg Co The, 621 S Kedvale av .... Kedzie 5698

TYPEWRITER SUPPLIES

ILLINOIS

AURORA

Miller, Bryant Pierce Co.....Aurora 790

TYPEWRITERS

NEW YORK

NEW YORK CITY

Vibroplex Co The Inc, 253 Bway.....Barclay 6895
See our Catalog Space, page 1020

TYPEWRITERS & ADDING MACHINES

OHIO

CINCINNATI

Typewriter Sales & Repair Co (Barrett Adding Machine), 531 Main.....Canal 3671

TYPEWRITERS—ALL MAKES

NEW YORK

NEW YORK CITY

Brown-Typewriter Co, Inc, The, 245 Bway.Barclay 7010
See our Catalog Space, page 1021

TYPEWRITERS, ALL MAKES, REBUILT

NEW JERSEY

JERSEY CITY

Dobke Typewriter Exchange, 40 Montgomery .....Montgomery 785

NEW YORK

NEW YORK CITY

Broadway Typewriter Exchange, 929 Broadway .....Gramercy 6501

TYPEWRITERS, BOUGHT, SOLD AND RENTED

NEW YORK

NEW YORK CITY

Bean Typewriter Renting Co, 561 Gates av, Brooklyn .....Bedford 3436

TYPEWRITERS—FACTORY REBUILTS

MINNESOTA

ST PAUL

St Paul Typewriter Exchange Inc, 127 E 5th .....Bell-Cedar 8100 Tri State 22000

PENNSYLVANIA

PITTSBURGH

Pittsburgh Typewriter & Supply Co, (Underwood and Portable Blickensderfers our Specialty) 339, 5th av.....Grant 2668

TYPEWRITERS—PORTABLE

CALIFORNIA

LOS ANGELES

Corona Typewriter Company Inc, 609 S Spring .....Broadway 8109

SAN FRANCISCO

Corona Typewriter Company Inc, 546 Market.Sutter 3038

COLORADO

DENVER

Corona Typewriter Company Inc, 1627 Champa .....Main 5585

DISTRICT OF COLUMBIA

WASHINGTON

Corona Typewriter Company Inc, Southern bldg .....Main 9550

GEORGIA

ATLANTA

Corona Typewriter Company Inc, Trust Co of Ga bldg.....Ivy 7855

ILLINOIS

CHICAGO

Corona Typewriter Company Inc, 12 S La-salle .....Franklin 4992
National Portable Dept Rex Typewriter Co, 180 N Wabash.....Majestic 7365

INDIANA

INDIANAPOLIS

Corona Typewriter Company Inc, 32 Monument pl .....Main 2890

KENTUCKY

LOUISVILLE

Corona Typewriter Company Inc, 104 S Fourth .....Home-City 1075

LOUISIANA

NEW ORLEANS

Corona Typewriter Company Inc, 616 Commercial pl .....Main 3185

MARYLAND

BALTIMORE

Corona Typewriter Company Inc, 118 W Fayette .....St Paul 274

MASSACHUSETTS

BOSTON

Corona Typewriter Company Inc, 164 Devonshire .....Main 3927

MICHIGAN

DETROIT

Corona Typewriter Company Inc, 27 Lafayette bl .....Cadillac 6715

GRAND RAPIDS

Corona Typewriter Company Inc, 115 Lyon N W.....Citizens 1613

MINNESOTA

MINNEAPOLIS

Corona Typewriter Company Inc, 218 S 4th.Main 2514

MISSOURI

KANSAS CITY

Corona Typewriter Company Inc, 220 E 12th.Grand 277

ST LOUIS

Corona Typewriter Company Inc, 408 W 7th.Olive 3505

NEBRASKA

OMAHA

Corona Typewriter Company Inc, 1905 Farnam .....Douglas 4121

NEW YORK

BUFFALO

Corona Typewriter Company Inc, Franklin and Swan .....Seneca 4548

GROTON

Corona Typewriter Company Inc, General Office and Works .....Groton 9

NEW YORK CITY

Corona Typewriter Company Inc, 129 W 42d .....Bryant 7150

ROCHESTER

Corona Typewriter Company Inc, 271 Main E.Main 2369

SYRACUSE

Corona Typewriter Company Inc, 320 S Salina .....Warren 144

OHIO

CINCINNATI

Corona Typewriter Company Inc, 235 E 4th..Main 2889

CLEVELAND

Corona Typewriter Company Inc, 25 Euclid Arcade .....Main 2067-J

COLUMBUS

Corona Typewriter Company Inc, 71 E State.Main 2725

YOUNGSTOWN

Corona Typewriter Company Inc, 41 W Phelps.Main 7566

OREGON

PORTLAND

Corona Typewriter Company Inc, 110 Sixth..Main 2285

PENNSYLVANIA

PHILADELPHIA

Corona Typewriter Company Inc, 911 Walnut .....Walnut 1744

PITTSBURGH

Corona Typewriter Company Inc, 129 Fifth av .....Court 343

RHODE ISLAND

PROVIDENCE

Corona Typewriter Company Inc, 43 Weybosset .....Union 3661

TEXAS

DALLAS

Corona Typewriter Company Inc, 1612 Main.Main 280

HOUSTON

Corona Typewriter Company Inc, 408 Fannin .....Preston 980

UTAH

SALT LAKE CITY

Corona Typewriter Company Inc, 36 W 2d.Wasatch 4836

WASHINGTON

SEATTLE

Corona Typewriter Company Inc, 720 Second av .....Ellicott 5447

SPOKANE

Corona Typewriter Company Inc, 14 Howard.Main 3562

WISCONSIN

MILWAUKEE

Corona Typewriter Company Inc, 442 E Water .....Main 339

TYPEWRITERS SOLD—REBUILT MACHINES—ALL MAKES

ILLINOIS

CHICAGO

All Makes Typewriter Co, 193 N Dearborn.Central 6034

NEW YORK

NEW YORK CITY

Graves Typewriter Co, 6 Church .....Cortland 1586

TYPEWRITING

NEW JERSEY

EAST ORANGE

Doremus R H, 9 Washington.....Orange 1062

TYPEWRITTEN FAC-SIMILE LETTERS

NEW YORK

NEW YORK CITY

A A Multigraphing Co, 80 Fifth av.....Chelsea 3227

OHIO

CINCINNATI

Circle R J Letter Co, 540 Main.....Canal 1154
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UMBRELLA & PARASOL MFRS.

NEW YORK

NEW YORK CITY

Isaacsohn Jos Co, 114 Court Bklyn.....Main 4027

UMBRELLAS, PARASOLS & BROAD SILKS

NEW YORK

NEW YORK CITY

Follmer Clogg Co, 114 Fifth av.....Chelsea 3390

UMBRELLAS, WAGON, PLAIN AND ADVERTISING

MISSOURI

ST LOUIS

Zittlosen Manufacturing Co, Park and Dolman Dept D.....Sidney 3700

UNDERGROUND EQUIPMENT AND SUPPLIES

PENNSYLVANIA

PHILADELPHIA

Cope T J, 1620 Chancellor.....Spruce 4703

UNDERGROUND GASOLINE STORAGE TANKS

ILLINOIS

CHICAGO

Chicago Steel Tank Co, 733 S Halsted stHaymarket 4081

UNDERTAKERS

ILLINOIS

CHICAGO

llen R A Co, 859 N Clark.....Superior 615
laner Fred, 1253 N Clark.....Superior 913
Western Casket & Undertaking Co, 90 E Randolph.....Central 368
Williamson Ernest H, 5030 S State.....Kenwood 455

KENTUCKY

LOUISVILLE

eman Thos, 1529 West Market
.....Bell-West 365
.....Home-City 365
arson L D & Son, se cor 3d and Chestnut.....Bell-Main 170
.....Home-City 170
nith's Gran W Sons, se cor 6th and Zane.....Bell-South 788
.....Home-City 810

NEW YORK

NEW YORK CITY

nnell C Holmes (Nephew of originator of embalming in U S Undertaker for seven churches. Shipping cases a Specialty. Own Auto Service), 4187 Broadway.....St Nicholas 248
pper J M, (Willis E Stafford & Son) 120-122 Livingston, Bklyn.....Main 180
nterbottom James E (The Funeral Home), 936, 6th av.....Circle 104

PENNSYLVANIA

PHILADELPHIA

Bair Oliver H, 1820 Chestnut.....Locust 1581

UNDERTAKERS (PRIVATE AMBULANCE)

ILLINOIS

CHICAGO

Arntzen Inc, 810 N Clark.....Superior 56

UNDERTAKERS' DRY GOODS

NEW YORK

NEW YORK CITY

Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

UNDERTAKERS' SUPPLIES

ILLINOIS

CHICAGO

Frigid Fluid Co, 215-217 S Western av.....West 937

LOUISIANA

NEW ORLEANS

Frigid Fluid Co, (M B Higgins Agt) 1308 Moss.....Hemlock 2949-W

NEW YORK

NEW YORK CITY

Frigid Fluid Co, (E S Alwyn Agt) 489 Manhattan av.....Morngsde 5127

OHIO

CINCINNATI

Frigid Fluid Co (James F Sipe Agt), 1226 W 9th.....West 512-Y

PENNSYLVANIA

PHILADELPHIA

Frigid Fluid Co, (O J Haabestad Agt) 5803 Master.....Belmont 1975-M
Philadelphia Casket Hardware Co, 2137 E Firth.....Kensington 936

UNDERWEAR

NEW YORK

NEW YORK CITY

Lax & Burgheimer Inc, 34 W 23d.....Gramercy 5210

UNDERWEAR (LADIES & MISSES) MFRS.

NEW JERSEY

BEVERLY

Beverly Underwear Co.....Beverly 38

UNDERWRITERS LABELED FIRE DOORS

ILLINOIS

CHICAGO

Ross R J Manufacturing Co, Ogden and Kildare avs.....Lawndale 3910

UNIFORM MNFRS.

NEW YORK

NEW YORK CITY

Ford Uniform Co (Uniforms, Caps, Equipment, Army, Navy, Police, Hotels, Clubs, Bands, Department Stores, Banks, Theatrical, Liveries, Leather Aviation Outfits, etc), 245 B West 47th.....Bryant 2186

UNIFORM MANUFACTURERS & EQUIPMENT

DISTRICT OF COLUMBIA

WASHINGTON

Reed's Jacob Sons Inc, 611, 14th N W.....Main 3909

MASSACHUSETTS

BOSTON

Batchelder Fred M Co, 68 Harrison av.....Beach 1618

NEW YORK

NEW YORK CITY

Brooks Uniform Co, 143 W 40th.....Bryant 7140
Reed's Jacob Sons Inc, 1328 Broadway..Greeley 4664

OHIO

CINCINNATI

Fechheimer Bros Co The, 4th and Pike....Canal 1971

CLEVELAND

Bloch Company The, East 4th and Prospect.....Bell-Main 4251
.....Ohio State-Central 3170-W

PENNSYLVANIA

PHILADELPHIA

Reed's Jacob Sons, Inc, 1424-26 Chestnut.Spruce 5600

UNIFORMS

NEW YORK

NEW YORK CITY

Riker Robert & Co, 779 Bway.....Stuyvsnt 3357
See our Catalog Space, page 1021
Smith Caleb V, 118 Flatbush av Bklyn.....Main 5475
Smith-Gray Inc, 729-731 Broadway.....Spring 3024
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OHIO

CLEVELAND

Cleveland Uniform Co, 2063 E 4th.....Ohio State-Central 4344-R

UNIFORMS (ARMY & NAVY)

MASSACHUSETTS

AYER

Harding Uniform & Regalia Co The.....Ayer 153

BOSTON

Harding Uniform & Regalia Co The, 22 School.....Main 7490

UNIFORMS & CAPS

ILLINOIS

CHICAGO

Gleason T C & Co, 173 W Madison.....Main 60
Lauterer Geo Co, 222 W Madison.....Main 4728

UNIFORMS FOR WOMEN

NEW YORK

NEW YORK CITY

Nurses' Outfitting Assn Inc (Official Red Cross Apparel, Theatre Ushers', Elevator Girls', Nurses' Maids, Complete Outfits), 425, 5th av.....Vanderbilt 4641

UNIFORMS, LODGE REGALIA

OHIO

CINCINNATI

Cincinnati Regalia Co The, 4th and Elm...Main 2165

UNIONS—BRASS

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

UNIVERSAL CAST IRON PIPE

ALABAMA

ANNISTON

Central Foundry Co The, 10th and Montrose .....Anniston 58
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BESSEMER

Central Foundry Co The, 730-22d.....Bessemer 44
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HOLT

Central Foundry Co The,.....Tuscaloosa 932
See our Advertisement Outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Co The, Rialto bldg....Kearney 1954
See our Advertisement Outside Back Cover

GEORGIA

ATLANTA

Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
See our Advertisement Outside Back Cover

ILLINOIS

CHICAGO

Central Foundry Co The, 332 S Michigan av .....Harrison 2181
See our Advertisement Outside Back Cover

INDIANA

VINCENNES

Central Foundry Co The, 1719 N 2nd.....Main 566
See our Advertisement Outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Co The, Dundalk.....Wolfe 73
See our Advertisement Outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Co The, 105 Cummings..Roxbury 1310
See our Advertisement Outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Co The, Commerce bldg...Main 4653
See our Advertisement Outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Co The, Ft of Lockwood.Market 6510
See our Advertisement Outside Back Cover

NEW YORK

MEDINA

Central Foundry Co The, Glenwood av..Medina 277-W
See our Advertisement Outside Back Cover

NEW YORK CITY

Central Foundry Co The, 90 West st.....Rector 1860
See our Advertisement Outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Co The,.....Lansdale 56
See our Advertisement Outside Back Cover

TEXAS

DALLAS

Central Foundry Co The, Praetorian bldg..Main 4431
See our Advertisement Outside Back Cover

UNLOADERS—CAR, UNLOADING SAND, GRAVEL, BULK MATERIALS

OHIO

WARREN

Heltzel Steel Form & Iron Co The, Thomas rd.Bell 2247

UNLOADING MACHINERY, CLAM-SHELL AND DERRICK

OHIO

RAVENNA

Byers John F Machine Co, 288 Sycamore .....Ravenna 261

UPHOLSTERERS INTERIOR DECORATORS—WOODWORKERS

NEW YORK

NEW YORK CITY

Schleich & Smeraldi, 213 E 38th.....Vanderbilt 923

UPHOLSTERERS SUPPLIES

ILLINOIS

CHICAGO

Whitney H W, 305-315 S Lasalle.....Wabash 8210

UPHOLSTERING & AUTOMOBILE TRIMMING SUPPLIES

INDIANA

INDIANAPOLIS

Paetz Geo L & Sons, 317 So Alabama Bell-Main 5462
.....Automatic 23-577

UPHOLSTERING BATTS, MANUFACTURERS

WISCONSIN

MILWAUKEE

Seeboth Albert G Co, 230 Mineral.....Hanover 532

UPHOLSTERING SPRINGS, MNFRS.

ILLINOIS

CHICAGO

Advance Spring & Wire Co, 1749 Carroll av.West 3895

UPHOLSTERINGS FOR AUTOMOBILES AND CARRIAGES

ILLINOIS

CHICAGO

Hoof Bros Co, 232 W Randolph.....Franklin 4748

UPHOLSTERY BUTTON COVERING MACHINES, BUTTON PARTS

NEW YORK

NEW YORK CITY

Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

UPHOLSTERY AND DRAPERY FABRICS

CALIFORNIA

SAN FRANCISCO

Rogers M H, 239 Geary.....Kearney 5045

NEW YORK

NEW YORK CITY

Rogers M H, 912-920 Broadway.....Gramercy 3760
Witcombe McGeachin & Co 20-24 W 37th.Greeley 236

UPHOLSTERY FABRICS

NEW YORK

NEW YORK CITY

Maag Edward (Taffetas, Satins, Repps in plain colors, fancy stripes and printed warp effects 32-46 W 23d .....Gramercy 5234

UPHOLSTERY MATERIAL—FURNITURE CARRIAGE AUTOMOBILE

DELAWARE

WILMINGTON

Du Pont Fabrikoid Company, Du Pont bldg, 120 Bway .....Rector 5720

MICHIGAN

DETROIT

Du Pont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

NEW YORK

NEW YORK CITY

Du Pont Fabrikoid Company, Equitable bldg 120 Bway.....Rector 5720

UPHOLSTERY MATERIALS

NEW YORK

NEW YORK CITY

O'Bannon Corporation, 200, 5th av.....Gramercy 5241

UPHOLSTERY TRIMMINGS

NEW YORK

NEW YORK CITY

Maag Edward (Fringes, cords, tassels, gimps, etc), 32-46 W 23d .....Gramercy 5234

VACUUM BOTTLES & THERMOS TEMP. RETAINING VESSELS

NEW YORK

NEW YORK CITY

American Thermos Bottle Co (Originators of Genuine "Thermos" temperature retaining vessels. Motor restaurants, lunch kits, etc) 35-37 W 31st ..... Mad Sq 8922

VACUUM CLEANER REPAIRS

ILLINOIS

CHICAGO

General Repair & Sales Co (We repair, over-haul, sell all makes vacuum cleaners. Write for free estimate), 56 W Washington.....Central 5344
Vacuum Cleaner Repairs Co, 1123 S Wabash av .....Harrison 5833

VACUUM CLEANERS

ILLINOIS

CHICAGO

Birtman Electric Co, 1426 W Randolph. Monroe 6457
Clements Mfg Co (Cadillac Little Ben, Big Ben Reliable) 609 Fulton. . Monroe 6606
Duntley Co The, 732 S Michigan av. . . . Harrison 7350
Verbeek Harry Co, 175 W Jackson bl. . . . Harrison 217

MICHIGAN

DETROIT

Eureka Vacuum Cleaner Co, David Whitney bldg . . . . . Main 3084

NEW YORK

NEW YORK CITY

Duntley Co The, 295, 5th av. . . . . Madison Square 2296

OHIO

CANTON

United Electric Co, 8th N E. . . . . Main 3535
. . . . . Ohio State 311

CLEVELAND

Apex Electrical Distributing Co, The, 1111 Power av. . . . . Prospect 2750

VACUUM CLEANERS, STATIONARY—MANUFACTURERS

ILLINOIS

ROCKFORD

Atwood Vacuum Cleaner Co, 9 Church. . . . . Main 1224

VACUUM DRYERS

NEW YORK

BUFFALO

Buffalo Foundry & Machine Co, 25 Winchester av . . . . . Oxford 40

VACUUM PANS

ILLINOIS

CHICAGO

tlas Copper & Brass Mfg Co, 2734-2738 High . . . . . Lincoln 4017

OHIO

CLEVELAND

ilby Manufacturing Co The, 4623 Lakeside av N E . . . . . Rosedale 6301

ACUUM PANS, COPPER & IRON

MASSACHUSETTS

BOSTON

dger E B & Sons Co, 75 Pitts. . . . . Haymarket 2152

NEW YORK

NEW YORK CITY

dger E B & Sons Co, 101 Park av. . Vanderbilt 1719

ACUUM PUMPS

LOUISIANA

SHREVEPORT

nderson W K Iron Works & Supply Co The, Caddo st Spring to Bell-Shreveport 851
Commerce . . . . . Home-Shreveport 679

VACUUM RECORDERS

NEW YORK

NEW YORK CITY

Uehling Instrument Co, Empire bldg. . . . . Rector 9638

VALANCES—GLASS CRAFT

ILLINOIS

CHICAGO

Schuler Art Glass Co, 617-31 W Jackson bl . . . . . Haymarket 3672

VALVE BOXES

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose . . . . . Anniston 58
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BESSEMER

Central Foundry Company The, 730, 22d. Bessemer 44
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HOLT

Central Foundry Company The, ... Tuscaloosa 932
See our Advertisement Outside Back Cover

CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg. Kearney 1954
See our Advertisement Outside Back Cover

GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg . . . . . Ivy 4747
See our Advertisement Outside Back Cover

ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av . . . . . Harrison 2181
See our Advertisement Outside Back Cover

INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2d. Main 566
See our Advertisement Outside Back Cover

MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk. . Wolfe 73
See our Advertisement Outside Back Cover

MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings . . . . . Roxbury 1310
See our Advertisement Outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg . . . . . Main 4653
See our Advertisement Outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Company The, Ft of Lockwood . . . . . Market 6510
See our Advertisement Outside Back Cover

NEW YORK

MEDINA

Central Foundry Company The, Glenwood av . . . . . Medina 277-W
See our Advertisement Outside Back Cover

NEW YORK CITY

Central Foundry Company The, 90 West st. Rector 1860
See our Advertisement Outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Company The, ... Lansdale 58
See our Advertisement Outside Back Cover

TEXAS

DALLAS

Central Foundry Company The, Praetorian bldg . . . . . Main 4431
See our Advertisement Outside Back Cover

VALVE RESEATING MACHINES

NEW YORK

NEW YORK CITY

American Bureau of Foreign Trade Inc. 44 Whitehall . . . . . Bowling Green 9640

VALVES

CALIFORNIA

SAN FRANCISCO

California Steam & Plumbing Supply Co, 671-79 Fifth st. . . . . Sutter 737

ILLINOIS

CHICAGO

Chicago Tube & Iron Co, 1469 S Jefferson. . Canal 3167
Kelly & Jones Co, 157 N Clark. . . . . Central 1327

MICHIGAN

DETROIT

Penberthy Injector Co, 862 Holden av. . . . . North 904

NEW YORK

NEW YORK CITY

Kelly & Jones Co, Park Row bldg. . . . . Barclay 8360

OHIO

CINCINNATI

Powell Wm Co The, 2521-2531 Spring Grove av . . . . . West 1965

CLEVELAND

Ideal Bronze Co The (Smolensky Rotary Check) 1261 East 55th. . . . . Rosedale 640
Smolensky M Mfg Co The, 2108 Superior av N W. . . . . Main 1505

PENNSYLVANIA

PITTSBURGH

Homestead Valve Mfg Co, Bell-Homestead 121
134, 6th av Homestead Pa. . P & A-Homestead 127
Kelly & Jones Co, 135 Water. . . . . Court 203

WILLIAMSPORT

Darling Pump & Mfg Co The Ltd. . . . Williamsport 1150
. . . . . United 593-X

VALVES (AUTOMATIC CUT-OFF FOR GAS)

CONNECTICUT

NEW HAVEN

Oven Equipment & Mfg Co The, 973 Dixwell av . . . . . Liberty 1281

VALVES (BLOW OFF)

PENNSYLVANIA

PITTSBURGH

Homestead Valve Mfg Co, Bell-Homestead 121
134, 6th av, Homestead, Pa. P & A-Homestead 127

VALVES—AUTOMATIC CYLINDER RELIEF AND DRAIN

OHIO

MANSFIELD

Triump Valve Mfg Co. . . . . Mansfield 2063

VALVES—BACK PRESSURE AND ATMOSPHERIC RELIEF

NEW YORK

NEW YORK CITY

McGowan John H Co The, 50 Church....Cortland 4748

OHIO

CINCINNATI

McGowan John H Co, The, 54-58 Central av.Main 788

PENNSYLVANIA

PHILADELPHIA

McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

VALVES BALL CHECK

PENNSYLVANIA

WILLIAMSPORT

Darling Pump & Mfg Co The Ltd ..... Bell-Williamsport 1150 United 593-X

VALVES—BRASS

WISCONSIN

MILWAUKEE

Milwaukee Valve Co, 140 Burrell.....Hanover 118

VALVES, CHRONOMETER REGULATING

MASSACHUSETTS

WORCESTER

Union Water Meter Co, 33 Hermon.....Park 2117

NEW YORK

NEW YORK CITY

Union Water Meter Co (E W Jacobs) 574B Macon Bklyn .....Bedford 5876

OHIO

TOLEDO

Union Water Meter Co, (A S Otis) 240B Erie .....Home-Main 2841

VALVES AND FITTINGS

ILLINOIS

CHICAGO

Rath Mfg Co, 118-121 S Clinton .....Main 630

VALVES FITTINGS, ACCUMULATORS PRESSES, PUMPS HYDRLC

NEW YORK

NEW YORK CITY

Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

OHIO

MT GILEAD

Hydraulic Press Mfg Co The.....Independent 35

VALVES AND FITTINGS, HIGH PRESSURE

ILLINOIS

CHICAGO

Elmes Charles F Engineering Works, 120 S Morgan .....Haymarket 696

VALVES & FITTINGS, STEAM & HYDRAULIC

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
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VALVES HIGH PRESSURE

NEW YORK

NEW YORK CITY

Welding Supply Co, 132 Nassau.....Beekman 4460
See our Catalog Space, page 1014

VALVES & HYDRANTS

PENNSYLVANIA

PHILADELPHIA

Wood R D Co, 400 Chestnut.....Lombard 1020

VALVES IRON AND STEEL

GEORGIA

ATLANTA

National Valve & Mfg Co (Earl F Scott, Agt) Candler bldg .....Ivy 6937

ILLINOIS

CHICAGO

National Valve & Mfg Co (E J Ward, Agt) Westminster bldg.....Randolph 1961

NEW YORK

NEW YORK CITY

National Valve & Mfg Co (F W Richardson, Agt) 39 Cortlandt.....Cortland 7268

OHIO

CLEVELAND

National Valve & Mfg Co (L S Garrett, Agt) Guardian bldg .....Main 3991

PENNSYLVANIA

PHILADELPHIA

National Valve & Mfg Co (National Supply & Equipment Co, Agts) Bulletin bldg.Walnut 4086

PITTSBURGH

National Valve & Mfg Co, 31st and Liberty.Grant 6730

VALVES MNFRS.—VACUUM

ILLINOIS

CHICAGO

McAlear Mfg Co The, 223 W Erie.....Superior 7746

VALVES—MODULATING

NEW YORK

NEW YORK CITY

Bergin Edward J, 5 W 16th.....Chelsea 1049

VALVES—MULTIPLATE

ILLINOIS

CHICAGO

O'Malley Beare Valve Co, 80 E Jackson bl.Harrison 6368

VALVES, PACKINGLESS—ACID

NEW JERSEY

PERTH AMBOY

Chemical Pump & Valve Co The, 327 Gifford .....Perth Amboy 1583

VALVES—PACKINGLESS FOR EVERY PURPOSE

INDIANA

INDIANAPOLIS

M T R Mfg Co The, 1118 W Washington .....Belmont 3910

VALVES POP SAFETY

INDIANA

FT WAYNE

Kunkle Valve Co, 817 Barr.....Ft Wayne 423

VALVES, PRESSURE REGULATING

IOWA

MARSHALLTOWN

Fisher Governor Co The, 201-3 S 1st av .....Marshalltown 82

VALVES—PRESSURE AND TEMPERATURE CONTROL

ILLINOIS

CHICAGO

Hornung J C, 343 S Dearborn.....Harrison 5919

VALVES, STEAM & HYDRAULIC

PENNSYLVANIA

PITTSBURGH

Konold M J Co, Bessemer bldg.....Court 3654
See our Catalog Space, page 1021

VALVES-VAPOR TIGHT, BALANCED

MINNESOTA

MINNEAPOLIS

Baker Valve Co, 1865 E 28th.....Bell-Drexel 1323
.....Tri State 52-578

VANILLA BEANS

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

VAPOR HEATING

NEW YORK

NEW YORK CITY

Vapor Heating Co (Broomell System of Vapor Heating) 597, 5th av....Murry Hill 8525

VARNISH (MANUFACTURERS)

ILLINOIS

CHICAGO

Barrett Varnish Co, 233 W Lake.....Main 11
Goldschmidt Chas, 11-15 E South Water..Central 5635

MICHIGAN

DETROIT

Trus Con Laboratories The, Caniff and G T R R .....Hemlock 2727

FLINT

Flint Varnish & Color Works.....Flint 1250

GRAND RAPIDS

Grand Rapids Varnish Co, 565 Godfrey av .....Bell-Main 3058 Citizens 31-144

MINNESOTA

MINNEAPOLIS

North Star Varnish Co, 608-622 Bell-Mioway 686
Vandalia ..... Tri State 81655

MISSOURI

ST LOUIS

Robbins A Varnish Co, 1531-39 N 8th..Bell-Tyler 246
.....Kinloch-Central 2734

NEW YORK

NEW YORK CITY

Thibaut & Walker Co, 72, 9th Long Island City .....Hunters Pt 400

OHIO

CINCINNATI

United States Varnish Co The, 2616-18 Colerain av .....West 359

CLEVELAND

Wright Varnish Co The, 7937 Bell-Broadway 607
Kinsman av .....Ohio State-Princeton 2482-R

PENNSYLVANIA

PHILADELPHIA

Nice Eugene E, 268-74 S 2d.....Bell-Lombard 1877
.....Keystone-Main 4577

PITTSBURGH

Impervious Metal Corporation, 421 Wood...Court 1007

VARNISH CANS

NEW YORK

NEW YORK CITY

Pelletier Napoleon, 2d st nr Broad Maspeth Brooklyn .....Newtown 1760

VARNISH, ENAMELS, JAPANS

ILLINOIS

CHICAGO

Nubian Paint & Varnish Co, 1856 LeClaire. Albany 4214

VARNISH & JAPAN MANUFACTURERS

INDIANA

VALPARAISO

Parker C H Co, Poplar and Locust....Valparaiso 116

PENNSYLVANIA

PHILADELPHIA

Watrous Varnish Co The, 20th and Tasker ..... Dickinson 460

VARNISH STAINS, (COLORS FOR)

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

VARNISHERS, GUMMERS AND CIGARS, BAND CUTTERS

NEW YORK

NEW YORK CITY

Viener Bros (Special Die Machines for Large Editions) 692-94 Bway cor 4th st.....Spring 8625

VARNISHES

ILLINOIS

CHICAGO

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co) 3001 Mendell .....Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co) 918, 4th .....Nicollet 567

MISSOURI

KANSAS CITY

Seidlitz Varnish Co, 18th and Garfield av. Bell-East 344
.....Home-East 4150

NEW JERSEY

HOBOKEN

Hotopp Varnish Co, 110-112 Marshall...Hoboken 171

JERSEY CITY

Woolsey C A Paint & Color Co, 500 Grand .....Montgomery 1766

NEW YORK

NEW YORK CITY

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co) 80 Maiden La .....John 6444
Montauk Paint Mfg Co, 170-2, 2d av Bklyn. South 5076

PENNSYLVANIA

PHILADELPHIA

Harrison Works (Owned and operated by E I Du Pont de Nemours & Co) 35th and Gray's Ferry rd.....Dickman 50

VARNISHES—ARCHITECTURAL & INDUSTRIAL

NEW JERSEY

PERTH AMBOY

New Jersey Wood Finishing Co, Lehigh av .....Perth Amboy 294

VARNISHING, GUMMING AND STIFFLING, LABELS & PAPERS

ILLINOIS

CHICAGO

U S Finishing & Mfg Co, 216 N Clinton....Main 2503

VAULT LIGHTS

NEW YORK

NEW YORK CITY

American Bar-Lock Co, Borden av and Hayward L I C..... Hunters Point 1400
Keppler Glass Constructions Inc, 101 Park av .....Murray Hill 7156

VAULT AND SAFE MNFRS.

ILLINOIS

CHICAGO

Mosler Safe Co The, First Natl Bank bldg .....Randolph 1900

VEGETABLE BUTTER

ILLINOIS

CHICAGO

Brown Company (Kream Krisp) 110 S Dearborn .....Central 6494

MAINE

PORTLAND

Brown Company (Kream Krisp) 404 Commercial ..... Portland 1228

NEW YORK

NEW YORK CITY

Brown Company (Kream Krisp) Woolworth bldg ..... Barclay 6185

VEGETABLE FAT FOR CANDY—MAKERS

ILLINOIS

CHICAGO

Brown Company (Kay Kay) 110 S Dearborn .....Central 6494

MAINE

PORTLAND

Brown Company (Kay Kay) 404 Commercial .....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company (Kay Kay) Woolworth bldg .....Barclay 6185

VEGETABLE PARING MACHINES

PENNSYLVANIA

PHILADELPHIA

American Machinery Co Inc, Cor 12th and Callowhill .....Locust 3892

VEGETABLE PEELERS

ILLINOIS

CHICAGO

Maxim Manufacturing Co, 700 W 22d.....Canal 4499

VEGETABLE SEED AND NUT OILS

NEW YORK

NEW YORK CITY

Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

VEIL AND VEILING MNFRS. AND IMPORTERS

NEW YORK

NEW YORK CITY

Ideal Veiling Co, 27 E 21st.....Gramercy 3721

VEILING, EMBROIDERED, BRIDAL & CONFIRMATION WREATH MFRS

NEW YORK

NEW YORK CITY

Dorros Bros (We manufacture all our materials) 98, 33 ave .....Stuyvesnt 2190
Gladstone H Co, 684 Bway.....Spring 6924

VEILINGS, NETTINGS, CHIFFONS, MALINES

NEW YORK

NEW YORK CITY

Gottscholk, Gartman & Co, 118-120 Fifth av ..... Farragut 4175

VELVETEEN IMPORTERS

NEW YORK

NEW YORK CITY

Hedeman W A, 229 Fourth av.....Stuyvesant 7550

VELVETEENS

NEW YORK

NEW YORK CITY

Nathan Weiner & Co Inc, 257, 4th av...Gramercy 3867

VELVETS

NEW YORK

NEW YORK CITY

Nathan Weiner & Co Inc, 257, 4th av...Gramercy 3867

VELVETS, VELVETEENS, ETC.

NEW YORK

NEW YORK CITY

Frankel Wm B & Co Inc, (Chiffon velvet, hatters plush, plushes, corduroys) 23-25 E 26th.Mad Sq 5669

VENDING MACHINES

ILLINOIS

CHICAGO

Industry Novelty Co, 2901-3-5-7 Indiana av ..... Calumet 4
Keeney & Sons Co, 2901-3-5-7 Indiana av .....Calumet 440
Watling Mfg Co, 1029-1035 W Adams....Monroe 465

VENEER

INDIANA

EVANSVILLE

Evansville Veneer Co The (Sawed, Sliced, Rotary) Kentucky av and Division .....Evansville 876

VENEER PANELS—3 OR MORE PLY BUILT UP WOOD

GEORGIA

MACON

Flora-American Plywood Co Ltd, 950 Division .....Macon 2796

VENEERED PANELS

ILLINOIS

CHICAGO

Ross Charles F & Son, 426 Milwaukeeav.Haymarket 2527

VENEERS AND HARDWOOD LUMBER

INDIANA

FT WAYNE

Hoffman Brokers Co, 804 N Main ....Ft Wayne 61

VENEERS AND MAHOGANY

OHIO

CINCINNATI

Acme Veneer & Lumber Co, 8th and Harriet.West 1079

VENEERS AND PANELS

ILLINOIS

CHICAGO

Nartzik J J, 1966-1974 Maud av.....Lincoln 3968

MICHIGAN

GRAND RAPIDS

Clark Walter Veneer Co.....Bell-Main 428
.....Citizens 5933

TENNESSEE

MEMPHIS

Anderson-Tully Co, N Second and I C R R.....Main 511

WISCONSIN

MILWAUKEE

Waetjen Geo L & Co, 110-120 Reed.....Hanover 1484

VENEERS, AND PANELS 3 AND 5 PLY BUILT UP WOOD

MICHIGAN

CADILLAC

Cadillac Veneer Co The, Bell-Cadillac 157
.....City-Cadillac 157

VENTILATING

ILLINOIS

CHICAGO

Garner Ventilating Co, 701 Fulton....Haymarket 1714

NEW YORK

NEW YORK CITY

Wagner J H (Systems designed, installed complete; air purification) 191 Spencer, Bklyn. .....Williamsburg 1804

VENTILATING & AIR CONDITIONAL DEVICES INSTALLED

ILLINOIS

CHICAGO

Haines Co The, 1933 W Lake.....Seeley 4023

VENTILATING APPARATUS, BLOWER & FAN MNFRS.

ILLINOIS

CHICAGO

Batterman, Truitt Co, 18-20 E Kinzie..Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting.Sunerior 3433

INDIANA

INDIANAPOLIS

Ilg Electric Ventilating Co, Bd of Trade bldg .....Main 1077

MASSACHUSETTS

BOSTON

Ilg Electric Ventilating Co, 136 Federal...Fort Hill 6454

MICHIGAN

DETROIT

Ilg Electric Ventilating Co, 25 Montcalm av W .....Cherry 5231

MINNESOTA

MINNEAPOLIS

Ilg Electric Ventilating Co, 17 S Sixth.....Main 1269

MISSOURI

ST LOUIS

Ilg Electric Ventilating Co, Syndicate Trust bldg .....Oliver 1515

NEW YORK

NEW YORK CITY

Batterman, Truitt Co, (C O Hall) 147-149 W 35th .....Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row.Cortland 8739

OHIO

CLEVELAND

Ilg Electric Ventilating Co, Schofield bldg .....Main 776

PENNSYLVANIA

PHILADELPHIA

Ilg Electric Ventilating Co, Commercial Trust bldg .....Spruce 2099

PITTSBURGH

Ilg Electric Ventilating Co, 559 UnionArcade.Grant 4325

VENTILATING CONTRACTORS

ILLINOIS

CHICAGO

Haines Co The, 1933 W Lake.....Seeley 4023

NEW YORK

BUFFALO

Goergen-Mackwirth Co Inc, 815 Sycamore. .....Howard 2918-W
Schoepflin & Tepas, 505 Ellicott Sq.....Seneca 5350

VENTILATING CONTRACTORS—GENERAL SHEET METAL WORK

ILLINOIS

CHICAGO

Baker Edw J & Co, 10 S LaSalle.....Main 758

VENTILATING ENGINEERS

ILLINOIS

CHICAGO

Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

VENTILATING ENGINEERS AND SHEET METAL CONSTRUCTORS

NEW YORK

NEW YORK CITY

Mandel-McIver Co (Heating, Cooling, Drying, Systems for Factories) 1805, 1st av .....Lenox 5735

VENTILATING FAN MNFRS. ELECTRIC & POWER DRIVEN

NEW YORK

NEW YORK CITY

Wing L J Mfg Co, 352-62 W 13th.....Chelsea 7465

VENTILATING AND FANS, SYSTEMS INSTALLED

MINNESOTA

ST PAUL

Hackney Ventilating Co, University and Prior av.....N W Midway 2011
Tri State 82951

NEW YORK

BUFFALO

Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

VENTILATING—PORTABLE WARM AIR & MECHANICAL

ILLINOIS

CHICAGO

Gillespie-Dwyer Co, 117 N Dearborn...Randolph 7229

VENTILATOR MFRS.—METAL ALL KINDS

OHIO

CANTON

Kanneberg Roofing & Ceiling Co The, Bell-Main 264
935 Robin Court S E.....Ohio State 43

VENTILATORS—ELECTRIC WINDOW

NEW YORK

NEW YORK CITY

Gerdes R N, (Positive inflow of fresh air with regulating valve) 128 Liberty..Cortland 4719

VENTILATORS AND EXHAUST FANS

RHODE ISLAND

PROVIDENCE

New England Ventilating & Heating Co (Richardson's revolving ventilators, send for booklet) 926 Manton av.....West 7

VENTILATORS, ROOF

ILLINOIS

CHICAGO

Arex Company, 1857 Conway bldg.....Franklin 5453
Kernchen Company, McCormick bldg....Harrison 3072
Kernchen J C, 1588 Conway bldg.....Franklin 5454

MINNESOTA

MINNEAPOLIS

Arex Company, 609, 5th av South..Bell-Nicollet 3541
.....Tri State 35190
Kernchen J C, 609, 5th av South Bell-Nicollet 3541
.....Tri State 35190

NEW YORK

NEW YORK CITY

Arex Company, 132 Nassau.....Beekman 3448
Kernchen Company, 1265 Broadway.....Mad Sq 2769
Kernchen J C, 132 Nassau.....Beekman 3448

VENTILATORS ROOF FANS GRAVITY (MANUFD INSTALLED)

NEW YORK

BUFFALO

Bicalky Fan Co, 866 Prospect av.....Tupper 5614-J

VENTILATORS AND VENTILATION

ILLINOIS

CHICAGO

Kernchen Company, McCormick bldg....Harrison 3072

NEW YORK

NEW YORK CITY

Kernchen Company, 1265 Broadway.....Mad Sq 2769

VENTILATORS, WINDOW

ILLINOIS

CHICAGO

Ideal Ventilator Co, Insurance Exch.....Wabash 2020

MASSACHUSETTS

BOSTON

Ideal Ventilator Co, 90 Canal.....Haymarket 50548

NEW YORK

BUFFALO

Ideal Ventilator Co, Prudential bldg.....Seneca 4974

NEW YORK CITY

Boreal Ventilator Co, 101 Court Bklyn .....Main 1380
Ideal Ventilator Co, 120 Liberty.....Rector 1339

RHODE ISLAND

PROVIDENCE

Ideal Ventilator Co, 99 Stewart.....Union 1512

VERMIN EXTERMINATOR, MANUFACTURERS

NEW JERSEY

BLOOMFIELD

Morisrite Mfg Co, 167-169 Bloomfield avBloomfield 2831
See our Catalog Space, page 1022

VERMIN EXTERMINATORS

ILLINOIS

CHICAGO

McCloud W B & Co, 1012 N Wells.....Superior 568

NEW YORK

NEW YORK CITY

Brown's Insecticide Co, 204 E 44th....Murry Hill 2271
Eureka Vermin Exterminating Co, 358 W 42d .....Bryant 5820
Ortner Charles, 310 W 125th.....Morngside 6904
Virus Limited Inc, 72 Front.....Hanover 960
Wright Charles S, 868 Broadway.....Stuyvesant 2050

VETERINARY REMEDIES

NEW YORK

NEW YORK CITY

American Veterinary Medicine & Supply Co, 97 Broadway Bklyn.....Wmsburg 2262

VIBROPLEX

NEW YORK

NEW YORK CITY

Vibroplex Co Inc The (Martin) 253 Bway .....Barclay 6895
See our Catalog Space, page 1020

VINEGAR AND CIDER MNFRS.

GEORGIA

SAVANNAH

Wallace Vinegar Co of Ga, 402 E Bay...Savannah 1804

VINEGAR MFRS.

ILLINOIS

CHICAGO

Callahan A P & Company, 2409 S Lasalle.Calumet 410

VINEGAR & PEANUT BUTTER MNFRS.

IOWA

DUBUQUE

Jackson Vinegar Co, S Main.....Dubuque 958

VIOLIN DEALERS, MAKERS, IMPORTERS & REPAIRERS

ILLINOIS

CHICAGO

Lewis Wm & Son, 225 S Wabash av....Harrison 1019

VISE MANUFACTURERS

ILLINOIS

CHICAGO

Massey Vise Co, 547 Washington bl.... Franklin 3891

VISES

OHIO

SPRINGFIELD

Western Tool & Mfg Co The, Burt and Pleasant .....Main 1012

VISES & ANVIL TOOL MNFRS. BLACKSMITHS

OHIO

WARREN

Warren Tool & Forge Co The, P O Box 410Warren 1162

VISES—DRILL PRESS

ILLINOIS

CHICAGO

Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004

VISIBLE CARD INDEXES

NEW YORK

TONAWANDA

American Kardex Company, Main Wheeler and Franklin .....Tonawanda 869
See our Catalog Space, page 928

VOLTMETERS AND AMMETERS

ILLINOIS

CHICAGO

Reliance Instrument Co, 1135 W Van Buren Monroe 6092

VULCANIZERS FOR RUBBER STAMPS

MARYLAND

BALTIMORE

Dorman J F W Co The, 526 N Calvert..Mt Vernon 6012

WAGON AND AUTO BODY MFRS.

PENNSYLVANIA

COLUMBIA

Columbia Wagon Co The, Plum Bell-Columbia 21-R-3
and Manor .....Independent Columbia 180

WAGON COVERS

ILLINOIS

CHICAGO

Iden Wm A Co, 564 Washington bl.....Main 1586

WAGON LOADERS

NEW JERSEY

PASSAIC

Portable Machinery Co Inc, 25 Park Place.Passaic 3192

WAGON LOADERS, COAL & SAND SCREENS

NEW YORK

NEW YORK CITY

Haiss George Mfg Co, 141st and Rider av.Melrose 241

WAGON SEAT SHADES MNFRS, SUN AND STORM TOPS

ILLINOIS

CHICAGO

Iden Wm A Co, 564 Washington bl.....Main 1586

WAGON UMBRELLAS (PLAIN AND ADVERTISING)

MISSOURI

ST LOUIS

Zittlosen Mfg Co, Park and Dolman, Dept D .....Sidney 3700

WAGON WOOD MATERIAL

ILLINOIS

CHICAGO

Spear William H Company, First Nat Bank bldg .....Central 778

WAGONS (MNFRS.)

ILLINOIS

CHICAGO

Press' Jacob Sons, 300 N Halsted.....Monroe 797

NEW YORK

NEW ROCHELLE

Tierney P J Sons .....New Rochelle 2378

WAGONS—BUSINESS

ILLINOIS

DE KALB

De Kalb Wagon Co, 229 Garden.....Main 8

WAGONS—SPRING

COLORADO

DENVER

Woeber Car & Manufacturing Co, 1846 Eleventh .....Main 941

WAISTS, COTTON AND SILK

NEW YORK

NEW YORK CITY

American Lady Waist Co The, 516 Broadway .....Spring 4791

WALL BEDS

ILLINOIS

CHICAGO

Murphy Door Bed Co, 22 W Monroe....Randolph 2219

WALL BOARD

ALABAMA

MOBILE

Turner F C & Co, 164 N Water.....Mobile 1020

ILLINOIS

CHICAGO

Bestwall Mfg Co, 25 N Dearborn.....Randolph 3886
Cornell Wood Products Co, 175 W Jackson bl .....Harrison 2634

NEW YORK

LOCKPORT

Upson Co The, Upson Point.....Lockport 236

OHIO

CINCINNATI

Hardware & Roofing Supply Co (Neponset) 618 Elm .....Canal 306

WALL BOARD—FOR CEILINGS, PARTITIONS AND WALLS

ILLINOIS

CHICAGO

Cottage Grove Mfg Co, 3912 Langley av.Douglas 799

WALL BOXES, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th.....Bell-Rosedale 3036 Ohio State-Princeton 222

WALL PAPER

ILLINOIS

CHICAGO

American Wall Paper Co, 825 S Wabash av .....Harrison 8140
Maxwell S A & Co, 74 E Randolph....Randolph 5220

WALL PAPER (MFRS.)

ILLINOIS

CHICAGO

Audebert Wall Paper Mill, (Send for Samples) Foster and Ravenswd avs.Edgewater 4233

OHIO

STEUBENVILLE

Chicago Wall Paper Mill.....Steubenville 451

WALL PAPER (WHOLESALE)

OHIO

CINCINNATI

Bacheberle Chas, 108 E 13th.....Canal 2492

WALL PAPER CLEANER

OHIO

CLEVELAND

Climax Cleaner Mfg Co The, (Climax) Berea rd and W 110th .....Bell-Edgewater 2573 Ohio State-Lorain 647-W

WALL PAPER & LINCRUSTA MFRS.

NEW YORK

HUDSON FALLS

Standard Wall Paper Co, 31 Allen...Hudson Falls 96

WALL PLASTER & BUILDING SUPPLIES

KENTUCKY

LOUISVILLE

Kentucky Wall Plaster Co, Brook and River.Main 2267

WALL PLATES, STEEL

OHIO

CLEVELAND

Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

WALL PLUGS

OHIO

CLEVELAND

Van Dorn Iron Works Co The (Van Dorn Grip-Tite) 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

WALL POCKETS

NEW YORK

BUFFALO

American Wall Pocket Mfg Co, 1021 Main.Tupper 5473

WAREHOUSE DOORS

INDIANA

RICHMOND

Richmond Safety Gate Co, N 15th and Penn R R.....Richmond 1809

WAREHOUSE & VAN SUPPLIES, LOADING PADS & EQUIPMENT

ILLINOIS

CHICAGO

Iden Wm A Co, 564 Washington bl.....Main 1586

WAREHOUSES

ILLINOIS

CHICAGO

Chicago Storage & Transfer Co (Exceptional facilities for the Re-shipping of car-load and less than car-load), 5817-65 W 65th....Prospect 415
Continental Warehouse Co, 418-434 W 12th pl .....Canal 6680
Currier-Lee Warehouse Co, 427-443 W Erie .....Superior 9066
Griswold & Walker Inc, 113 E Austin av.Central 4347
Mahin Shipping & Storage Warehouse, 2201-19 Ford av .....Canal 7171
Soo Terminal Warehouse Co, 519 W 12th...Canal 5740
Union Terminal Warehouse Co, 619-621 S Canal .....Wabash 1756

LOUISIANA

NEW ORLEANS

Importers Bonded Warehouse, 400 N Peters .....Main 3879

MINNESOTA

ST PAUL

Central Warehouse Co, Cor Pillsbury and Territorial rd.....Bell-Midway 5000 Tri State 81635

NEW YORK

NEW YORK CITY

Bahr H D Trucking & Warehouse Co, 285-7 E 187th .....Melrose 8816
See our Catalog Space, page 1012
Hanover Warehouse & Trucking Co, 231 Water .....Beekman 2160

WAREHOUSES DISTRIBUTING FORWARDING

CALIFORNIA

SAN FRANCISCO

Haslett Warehouse Co The, 310 California .....Kearney 2522
San Francisco Warehouse Co, 625 Third...Sutter 3461
South End Warehouse Co, 631 Second...Kearney 2200

WAREHOUSES—MERCHANDISE

ILLINOIS

CHICAGO

Wakem & McLaughlin Inc, 225 E Illinois..Central 6241

MINNESOTA

MINNEAPOLIS

Security Warehouse Co, 334 N 1st Bell-Nicollet 7121
.....Tri State 38634

WASH BOARD MANUFACTURERS

OHIO

BASCOM

Monarch Mfg Co, Bascom Ohio.....Bascom 20

WASHERS

NEW YORK

PORT CHESTER

Russell Burdsall & Ward Bolt & Nut Co, ...Port Chester 201

PENNSYLVANIA

PHILADELPHIA

Basket Supply Co, 1729 Ludlow.....Spruce 2280
See our Catalog Space, page 957

WASHERS, BRASS & STEEL

ILLINOIS

CHICAGO

Chicago Nut Company, 2513-39 W 20th.Lawndale 3314
Scholl Manufacturing Co, 5702 W 12th.Columbus 300

WASHERS & BURRS

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

WASHERS, CAST IRON

MISSOURI

ST LOUIS

Western Foundry & Sash Weight Co, ..Bell-Main 2654
Second and Miller.....Kinloch-Central 2221

WASHERS, CLINCH BUTTON

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce N W cor.....Main 1704

WASHERS—FELT OR CARD BOARD

NEW YORK

NEW YORK CITY

Braunsdorf Geo W Inc, 480 E 53d.....Plaza 1386
Brawley T R, Adams and York, Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams and York, Bklyn .....Main 488
See our Catalog Space, page 952

WASHERS IN SPECIAL SIZES, METAL, LEATHER & FIBRE

ILLINOIS

CHICAGO

Quadriga Mfg Co The, 213-221 W Grand av .....Superior 560

WASHERS—LEATHER

ILLINOIS

ROCKFORD

Excelsior Leather Washer Mfg Co, 323 Cedar.Main 1204
Rockford Leather Washer Co, 100 Forbes...Main 1324

WASHERS, LEATHER PACKINGS & SPECIALTIES

MASSACHUSETTS

WORCESTER

Field R B & Co, 10 Clarence.....Park 952-R

WASHERS (RUBBER) LEATHER FIBRE, ALL MAKES & SIZES

NEW YORK

NEW YORK CITY

Broadway Bicycle & Auto Supply Co, 60 Vesey .....Cortland 1308

WASHERS, SPECIAL TO ORDER

ILLINOIS

CHICAGO

Bersted Forming Tool Co, 763-711 Mather.Monroe 4675

WASHERS, WROUGHT

PENNSYLVANIA

PHILADELPHIA

Nicetown Plate Washer Co, Juniata & Clarissa .....Wyoming 540

WASHING COMPOUND

MINNESOTA

MINNEAPOLIS

Royal Lemon Products Co, Security bldg..Nicollet 5815

WASHING MACHINE DRAIN FAUCETS

MICHIGAN

DETROIT

Lincoln Brass Works, 291, 12th.....Glendale 1886

WASHING MACHINES, ELECTRIC

ILLINOIS

CHICAGO

Chicago Dryer Co, 624 630 S Wabash av.Harrison 5774
Geyser Electric Co, 821-823 N Sheldon.Haymarket 7647

WASHING MACHINES, ELECTRIC ENGINE, WATER & HAND POWER

INDIANA

FT WAYNE

Horton Mfg Co, 10 Fry.....Ft Wayne 273

WASHING MACHINES—ELECTRIC, HAND & WATER POWER

KANSAS

LEAVENWORTH

Victor Mfg Co The, Pennsylvania and Lawrence av .....Main 82

WASHING MACHINES FOR HOME USE

NEW YORK

NEW YORK CITY

Home Devices Corpn, (Modern Home Washers—Electric or Hand Power, The Clothes Washers that Fit and Operate in Your Stationary Tubs) 33, 35th st Bklyn.....Sunset 5093

WASHING MACHINES—MANUFACTURERS

ILLINOIS

BELVIDERE

National Sewing Machine Co, cor State and Meadow .....Main 25

CHICAGO

National Sewing Machine Co, 320 W Mad.Franklin 4420

STERLING

Superior Machine Co, 300 W 1st av.....Main 206-W

INDIANA

INDIANAPOLIS

Maytag Company The, 315 W Maryland.....Main 1743

IOWA

NEWTON

Maytag Company The, 200 North .....Newton 700
One Minute Mfg Co, N Race.....Newton 225

MINNESOTA

MINNEAPOLIS

Maytag Company The, 515 Washington av N .....Bell-Main 3548
.....Tri State 34196

MISSOURI

KANSAS CITY

Maytag Company The, 11th and Mulberry....Main 57

NEBRASKA

LINCOLN

Maytag Company The, 816 Q st.....Lincoln B-1315

NEW YORK

NEW YORK CITY

Maytag Company The, 18 Murray .....Barclay 4532

NORTH DAKOTA

FARGO

Maytag Company The, 806-10 Northern Pacific av .....Fargo 578

WASHING MACHINES—MANUFACTURERS—CONTINUED

OREGON

PORTLAND

Maytag Company The, 312 E Madison.....East 139

PENNSYLVANIA

PHILADELPHIA

Maytag Company The, 23d and Arch.....Spruce 240

WISCONSIN

MADISON

Maytag Company The, 513 Williamson...Madison 438

WASHING MACHINES—MNFRS. ELECTRIC & HAND

ILLINOIS

CHICAGO

Apex Appliance Co, 3223-35 W 30th....Rockwell 2284
Thistle Mfg Co The, 325 N Curtis.....Monroe 2744

WASHING MACHINES—POWER

ILLINOIS

PONTIAC

Meadows Mfg Co .....Pontiac 43

WASHING MACHINES—WATER MOTOR

OHIO

DAYTON

Dayton Water Motor Co, 408 Ray.....East 23

WASTE

NEW YORK

NEW YORK CITY

Kilice John Co The, 189 Washington....Cortland 3463

WASTE—ALL GRADES OF SANITARY WIPERS, REMNANTS

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540
Gross E & Co, 200, 5th av.....Gramercy 4037

WASTE—ALL NEW-CHEESE CLOTH, ETC. FOR CLEANING

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond .....Spring 5830
See our Catalog Space, page 937

WASTE—COTTON, WOOL AND PACKING

CALIFORNIA

SAN FRANCISCO

Royal Manufacturing Co (T H Speedy & Company, Rep) 85, 2d.....Kearny 2393

ILLINOIS

CHICAGO

Royal Manufacturing Co (T P Strauss, Rep) 122 S Michigan av..... Harrison 3718

MISSOURI

ST LOUIS

Royal Manufacturing Co (S U Busch, Rep) Pontiac bldg.....Olive 3971

NEW JERSEY

RAHWAY

Royal Manufacturing Co (G H Adler, Rep) 30 East Grand.....Rahway 355

NEW YORK

NEW YORK CITY

Royal Manufacturing Co (J C Madden, Rep) 2 Rector.....Rector 1500

PENNSYLVANIA

PITTSBURGH

Royal Manufacturing Co (J B Peddle and W G McGuire, Reps), Oliver bldg.....Grant 4892

WASTE COTTON AND WOOLENS

PENNSYLVANIA

PHILADELPHIA

Denenberg I & Co, 215-17-19 Snyder av .....Keystone-Main 1193

WASTE AND EXCELSIOR CANS

ILLINOIS

CHICAGO

Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

WASTE AND PACKING

NEW YORK

NEW YORK CITY

New York Cordage Co The, 123 Front.....John 2215

WASTE PAPER

ILLINOIS

CHICAGO

Mendelson Bros Paper Stock Co, 910 S Michigan av .....Harrison 2840

MASSACHUSETTS

BOSTON

Graham Jas J Paper Co, 25-29 Otis...Cambridge 7305

MISSOURI

ST LOUIS

Missouri Paper Stock Co, 22d and Scott.Bomont 3206

WASTE—WIPING RAGS & PAPER STOCK (ALL GRADES)

OHIO

HAMILTON

Leshner Paper Stock Co The, Bell-Hamilton 1204
1230 Central av .....Ohio State 1003-M

WATCH CASE MANUFACTURERS

OHIO

MANSFIELD

North American Watch Co, Bell-Main 25
Spring .....Independent-Mansfield 787

WATCH MANUFACTURERS

OHIO

CINCINNATI

Gruen D Watch Co, McMillan and Iowa.Woodburn 2043

WATCHES, WHOLESALE

ILLINOIS

CHICAGO

Shure N Co, 237-241 W Madison.....Main 3482

WATCHMAN'S CLOCK MNFRS.

ILLINOIS

CHICAGO

Chicago Watchman's Clock Works, 56 E Randolph .....Central 1720
Hardinge Bros Inc, 1765 Berteau av.....Lkview 371
Howard E Clock Co The, 31 N State...Central 6951

MASSACHUSETTS

BOSTON

Howard E Clock Co, 373 Washington.....Main 643

MINNESOTA

MINNEAPOLIS

Cincinnati Time Recorder Co The (W B Reesburg, N W Reprensentative) Bell-Main 1268
Builders Exchange .....Tri State 34311

NEW YORK

NEW YORK CITY

Howard E Clock Co The, Maiden Lane and Wm .....John 3148

OREGON

PORTLAND

Howard E Clock Co The, (Butterfield Bros Agts) Mohawk bldg .....Main 2846

WASHINGTON

SEATTLE

Howard E Clock Co The, (Jos Mayer & Bros Agts) Colman bldg.....Elliott 3856

WATCHMAN'S CLOCKS

ILLINOIS

CHICAGO

Simplex Time Recorder Co, 30 N Dearborn .....Randolph 1839

MASSACHUSETTS

BOSTON

Simplex Time Recorder Co, 8 Winter.....Beach 386

NEW YORK

NEW YORK CITY

Imhauser E Co (All kinds of clock repairing done perfectly. Dials for all kinds of clocks) 212 Bway .....Cortland 1426
Simplex Time Recorder Co, 135 Fifth.Gramercy 5592

PENNSYLVANIA

PHILADELPHIA

Simplex Time Recorder Co, 307 Bell-Lombard 4316
Walnut .....Keystone-Main 2916

WATCHMAN'S CLOCKS ELECTRIC & PORTABLE

NEW YORK

NEW YORK CITY

American Watchman's Clock Co, 150 Nassau .....Beekman 4659

WATER CLOSET COMBINATIONS—FACTORY

DELAWARE

WILMINGTON

Vogel Joseph A Co, 1209 Lombard...Wilmington 579

WATER CLOSET COMBINATIONS—FROST PROOF

DELAWARE

WILMINGTON

Vogel Joseph A Co, 1209 Lombard...Wilmington 5790

WATER CLOSETS—AUTOMATIC

OHIO

SPRINGFIELD

Bowlus Mfg Co The, Cor Center and Main..Main 1215

WATER CLOSETS—SCHOOLS AND COMFORT STATIONS

DELAWARE

WILMINGTON

Vogel Joseph A Co, 1209 Lombard...Wilmington 5790

WATER CLOSETS—SHIP AND YACHT

DELAWARE

WILMINGTON

Vogel Joseph A Co, 1209 Lombard...Wilmington 5790

WATER COLORS—ARTISTS', SCHOOL CHILDRENS'

OHIO

SANDUSKY

Chroma Color Co The, 426 E Market.....Main 94

WATER COOLERS (MNFRS)

MINNESOTA

ST PAUL

Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

WATER COOLERS—FOUNTAINS WITH COOLING FACILITIES

ILLINOIS

CHICAGO

Allen Filter Service, The, 359 N State.Randolph 835

WATER FILTERS

ILLINOIS

CHICAGO

Allen Filter Service The, 359 N State...Randolph 835
Anderson Filter Co, 70 W Lake.....Central 6737
Beaver Wm Tank Works, 28 E Jackson bl .....Wabash 2070
See our Catalog Space, page 1013

INDIANA

EAST CHICAGO

Beaver Wm Tank Works, 4801 Tod av.East Chicago 204
See our Catalog Space, page 1013

OHIO

DAYTON

Pasteur-Chamberland Filter Co (Pasteur), 408 Ray .....East 23

WATER FILTERS & PURIFYING APPARATUS

PENNSYLVANIA

PITTSBURGH

Scaife Wm B & Sons Co, 1st Nat'l Bk bldg .....Oakmont 9
See our Catalog Space, page 1014

WATER GAGES

MICHIGAN

DETROIT

Penberthy Injector Co, 362 Holden av.....North 904

WATER HEATERS

ILLINOIS

CHICAGO

Peerless Boiler Co Not Inc, 6 and 8 W Lake .....Randolph 910

OHIO

COLUMBUS

Rolf Heater Mfg Co The, 222 N 4th.....Main 3996

WATER HEATERS—STORAGE TYPE

PENNSYLVANIA

ERIE

Sims Co The, 19th and Whitley av.....Bell-Erie 2542
.....Mutual 2607

WATER MAINS

ALABAMA

ANNISTON

Central Foundry Company The, 10th and Montrose .....Anniston 58
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BESSEMER

Central Foundry Company, 730, 22d...Bessemer 44
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HOLT

Central Foundry Company The.....Tuscaloosa 932
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CALIFORNIA

SAN FRANCISCO

Central Foundry Company The, Rialto bldg.Kearney 1954
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GEORGIA

ATLANTA

Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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ILLINOIS

CHICAGO

Central Foundry Company The, 332 S Michigan av.....Harrison 2181
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INDIANA

VINCENNES

Central Foundry Company The, 1719 N 2d...Main 566
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MARYLAND

BALTIMORE

Central Foundry Company The, Dundalk...Wolfe 73
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MASSACHUSETTS

BOSTON

Central Foundry Company The, 105 Cummings .....Roxbury 1310
See our Adv. Outside Back Cover

MISSOURI

KANSAS CITY

Central Foundry Company The, Commerce bldg .....Main 4653
See our Adv. Outside Back Cover

NEW JERSEY

NEWARK

Central Foundry Company The, Ft of Lockwood .....Market 6510
See our Adv. Outside Back Cover

NEW YORK

MEDINA

Central Foundry Company The, Glenwood av .....Medina 277-W
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NEW YORK CITY

Central Foundry Company The, 90 West..Rector 1860
See our Adv. Outside Back Cover

PENNSYLVANIA

LANSDALE

Central Foundry Company The, ...Lansdale 56
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TEXAS

DALLAS

Central Foundry Company The, Praetorian bldgMain 4431
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WATER MOTORS WASHING MACHINES

OHIO

CINCINNATI

Irwin H R Mfg Co, Front and Pike.....Canal 4158

WATER MOTORS, WATER MOTOR WASHING MACHINES, MNFRS.

OHIO

SPRINGFIELD

Yost Gearless Motor Co The, Shuey Factories bldg .....Main 982

WATER POWER PLANT EQUIPMENT

MINNESOTA

MINNEAPOLIS

Lunt R L, McKnight bldg.....Tri State 35298

WATER PURIFIERS AND STERILIZERS

ILLINOIS

CHICAGO

Electric Ozone Sterilizer Co, Monadnock blk .....Harrison 8243
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WATER PURIFYING APPARATUS—WATER STILLS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545
See our Catalog Space, page 1022

WATER SCREENS, TRAVELING

WISCONSIN

MILWAUKEE

Chain Belt Company, 762 Park.....Hanover 3000

WATER SOFTENERS

ILLINOIS

CHICAGO

Graver Wm Tank Works, 28 E Jackson bl ..... Wabash 2070
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INDIANA

EAST CHICAGO

Graver Wm Tank Works, 4801 Tod av. East Chicago 204
See our Catalog Space, page 1013

WATER SOFTENERS AND WATER PURIFICATION

NEW JERSEY

NUTLEY

Booth L M Company, 118 E Center ..... Nutley 1173

WATER STILLS

ILLINOIS

CHICAGO

Jewell Polar Co, 24 to 30 S Clinton .. Franklin 5545
See our Catalog Space, page 1022

INDIANA

SOUTH BEND

Sparta Mfg Co, 115 S Hill ..... Main 4223

WATER SUPPLY SYSTEMS

CANADA

WINDSOR, ONTARIO

Wing J F & Co Ltd (Leader Iron Wks) 79-85 Pitt East ..... Windsor 902

COLORADO

DENVER

Hedges-Atkins Supply Co (Leader Iron Wks) 1834-36 Blake ..... Main 1606

DELAWARE

WILMINGTON

Speakman Supply & Pipe Co (Leader Iron Wks), 816-822 Tatnall ..... Wilmington 89

FLORIDA

JACKSONVILLE

Cameron & Barkley Co The (Leader Iron Wks), 338 E Bay ..... Jacksonville 3394

GEORGIA

ATLANTA

Crane Co (Leader Iron Wks), 31 Garnett .... Main 2062

ILLINOIS

BUSHNELL

Bushnell Pump Co, South Dean .... Bell-Bushnell 25
..... Home-Main 13

CHICAGO

Cameron Schroth Co (Leader Iron Wks), Rush st Bridge ..... Randolph 2575
Davies Supply Co (Leader Iron Wks) 400-14 W Ontario ..... Superior 5560
Hoelscher Bros (Leader Iron Wks) 1301 W Division ..... Monroe 1422
Kellogg Mackay Co The (Leader Iron Wks) 419 W 18th ..... Canal 4950
Wise Royal C, 53 W Jackson bl ..... Wabash 7452

DECATUR

Field & Shorb Co The (Leader Iron Wks) ..... Main 76

PEORIA

Kusey & Mahler Co (Leader Iron Wks) 400 S Adams ..... Main 68

QUINCY

Best L Plumbing & Heating Supply Co (Leader Iron Wks), 621-25 Main .. Main 58

INDIANA

FORT WAYNE

Natl Mill Supply Co The (Leader Iron Wks) 209-11 Columbia ..... Bell-Ft Wayne 496
..... Home 2332

TERRE HAUTE

Crane Co (Leader Iron Wks) 209 Ninth ..... Bell-Main 16
..... Independent 16

IOWA

DAVENPORT

Crane Co (Leader Iron Wks), 600-622 E 4th ..... Davenport 1010

DES MOINES

Dempster Mfg & Supply Co (Leader Iron Wks) 201-11 E Court av ..... Maple 431

KENTUCKY

LOUISVILLE

Laib Co (Leader Iron Wks), 18th and Magnolia ..... Bell-West 44
..... Home-City 1758

MASSACHUSETTS

BOSTON

Beaudette & Graham Eng Co (Leader Iron Wks) 10 Lincoln ..... Beach 4052

MICHIGAN

DETROIT

Kerr Machy & Supply Co (Leader Iron Wks), Ken Bld cor Fort and Beaubien ..... Cadillac 593

MISSOURI

KANSAS CITY

Kansas City Pump Co (Leader Iron Wks) 1308-22 W 10th ..... Main 4342

ST LOUIS

Standard Sanitary Mfg Co (Leader Iron Wks), 810 N 2nd ..... Main 300

NEW YORK

BINGHAMTON

Millar Chas & Son Co (Leader Iron Wks) 36 Susquehama ..... Binghamton 3366

BUFFALO

Crane Co (Leader Iron Wks) 81 Broadway ..... Bell-Seneca 4525
..... Federal 23683

ROCHESTER

Sloan Samuel & Co (Leader Iron Wks) 67-71 Exchange ..... Bell-Main 168
..... Rochester-Stone 168

SYRACUSE

Pierce Butler & Pierce Mfg Corp (Leader Iron Wks) 282 James ..... James 1100

UTICA

Millar Chas & Son Co (Leader Iron Wks) 501 Main ..... Utica 4000

WATERTOWN

Weekes John & Son Co (Leader Iron Wks) 224 Factory ..... Watertown 1960

OHIO

CINCINNATI

Merkel Bros Co The (Leader Iron Wks), Canal and Jackson ..... Canal 2780

TOLEDO

National Supply Co The (Leader Iron Wks) 1-9 St Clair ..... Bell-Main 1932
..... Home 7373

PENNSYLVANIA

LANCASTER

Sheet Metal & Supply Co (Leader Iron Wks), Christian and Marion ..... Bell-Lancaster 219
..... Indep.-Lancaster, 219

PHILADELPHIA

Keystone Supply & Mfg Co (Leader Iron Wks) 911-49 N Ninth .... Bell-Market 4135
..... Keystone-Park 1120

PITTSBURGH

Reineke Wagner Pump & Supply Co (Leader Iron Wks) 416 First av ..... Bell-Court 420
..... P. & A.-Main 2176

SOUTH CAROLINA

CHARLESTON

Cameron & Barkley Co (Leader Iron Wks) ..... Charleston 3660

WASHINGTON

SEATTLE

Crane Co (Leader Iron Wks) 419 Second av South ..... Elliott 5540

SPOKANE

Hughes & Co (Leader Iron Wks) 119 S Howard ..... Main 698

WISCONSIN

MILWAUKEE

Milwaukee Air Power Pump Co, 886, 3d .. Lincoln 4800

WATER SUPPLY SYSTEMS, PNEUMATIC, FOR COUNTRY HOMES

MISSOURI

ST LOUIS

Southern Auto & Machinery Co, 126 Robert av ..... Riverside 610

WATER SYSTEMS FOR COUNTRY HOMES

ILLINOIS

CHICAGO

Leader Iron Wks, 327 S LaSalle ..... Harrison 2391

DECATUR

Leader Iron Wks ..... Main 1127

NEW YORK

NEW YORK CITY

Leader Iron Wks, 21 E 40th ..... Murry Hill 330

WATER TOWERS

NEW YORK

NEW YORK CITY

Aetna Steel Products Co Inc, 30 Church . Cortland 6424

WATER TUBE BOILER RETUBING

NEW YORK

NEW YORK CITY

Fogarty Michael Inc, 531 W 33d ..... Greeley 3463

WATER WELL STRAINERS AND SUPPLIES

TEXAS

HOUSTON

McEvoy J H & Co, 307-9-11 Washington av ..... Preston 1439

WATER WHEEL MNFRS.

OHIO

SPRINGFIELD

Trump Mfg Co The, Greenmount av and CCC & St L Ry ..... Springfield 283

PENNSYLVANIA

HANOVER

Fitz Water Wheel Co (Steel Overshoot and Turbine Water Wheels of Highest Efficiency Water Power Equipment) ..... Bell-Hanover 83-R
..... Independent 13-Y

WATER WHEELS, CENTRIFUGAL PUMPS & HYDRAULIC MACHRY

NEW YORK

NEW YORK CITY

Pelton Water Wheel Co The, 90 West....Rector 543

WATER WHEELS, ENGINES & BOILERS

OHIO

SPRINGFIELD

Leffel James & Co The, Lagonda av.....Main 59

WATER WORKS

NEW YORK

NEW YORK CITY

Phillips & Worthington, 90 West.....Rector 3017

WATER WORKS PLANTS

MARYLAND

BALTIMORE

Baltimore Cooperage Co The, 1223 Leadenhall .....South 889

WATER WORKS SUPPLIES

NEW JERSEY

EAST ORANGE

Smith A P Mfg Co, The, Norman and Lawrence .....Orange 6000

WATERPROOF CANVAS

NEW YORK

NEW YORK CITY

Bendus J V, 39 Cortland.....Cortland 8416
Boyle John & Co Inc, 112 Duane.....Worth 4770

WATERPROOF CANVAS COVERS

NEW YORK

NEW YORK CITY

Cottger Bros & Co (Sails, Awnings, Tarpaulins, Rope, Canvas, Slings) Marine Basin Ft Hubbard Bklyn.....Bath Beach 2084
Smith Arthur F, 261-267 Canal..Telephone Connection
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WATERPROOF CANVAS MANUFACTURERS

NEW YORK

NEW YORK CITY

Bendus J V (Bendus Star Brand) 39 Cortland .....Cortland 8416

WATERPROOF COVERS

NEW YORK

NEW YORK CITY

Hart Waterproof Mfg Co Inc Woodhaven L I .....Richmond Hill 4478

WATERPROOF—DUCK, CANVAS COVERS & TARPAULINS

NEW YORK

NEW YORK CITY

Bailey W W, 50 Church.....Cortland 5119

WATERPROOF WRAPPING PAPER

MASSACHUSETTS

BOSTON

Safepack Paper Mills 727 Atlantic av.....Beach 3366

PENNSYLVANIA

PHILADELPHIA

National Waterproofing Co, Drexel bldg..Lombard 169

WATERPROOFERS—ENGINEERS—MANUFACTURERS

NEW YORK

NEW YORK CITY

Horn A C Co, Hancock and Bodine L I C.....Hunters Point 3671

WATERPROOFERS OF CANVAS GOODS

NEW YORK

NEW YORK CITY

Bendus J V (Of every description), 39 Cortland .....Cortland 8416

WATERPROOFERS OF FABRICS

CANADA

MONTREAL, QUEBEC

Tate Electrolytic Waterproofing Process Ltd, Jacobs bldg.....Uptown 8128

NEW YORK

NEW YORK CITY

Tate Electro Waterproofing Corpn, 318 W 39th .....Greeley 726

WATERPROOFING

ILLINOIS

CHICAGO

Biegler E N Inc, 2730 N Rockwell.....Humboldt 135
Ceresit Waterproofing Co, 110 S Dearborn .....Randolph 1332
Vitrifyx Company The, Chamber of Com .....Main 1065

IOWA

DES MOINES

Elaterite Paint & Mfg Co The, W 11th and Market .....Walnut 1442

MICHIGAN

DETROIT

Trus-Con Laboratories The, Caniff and G T R R .....Hemlock 2727

WATERPROOFING & CONCRETE HARDENERS

INDIANA

INDIANAPOLIS

Baker Hugh J & Company, Majestic bldg .....Bell-Main 1728 Automatic 25-913

NEW YORK

BUFFALO

Hercules Waterproof Cement Co, Mutual Life bldg.....Seneca 313

WATERPROOFING FABRIC

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600

WATERPROOFING AND PRESERVATIVES

MICHIGAN

PORT HURON

Robeson Preservo Products Co, Suite 25, White blk.....Port Huron 128

WATERS, MEDICINAL AND MINERAL

CALIFORNIA

LOS ANGELES

Manitou Mineral Water Company The (E D McCombs) Citizens Nat'l Bank bldg .....
See our Adv. on Backbone and Catalog Space, page 980

COLORADO

MANITOU

Manitou Mineral Water Company The.....Hyland 12
See our Adv. on Backbone and Catalog Space, page 980

DISTRICT OF COLUMBIA

WASHINGTON

Manitou Mineral Water Company The (W A Callanan), 2021 H st N W.....West 1626
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ILLINOIS

CHICAGO

Manitou Mineral Water Company The (B G Earl, Rep) 36 S State.....Central 8750
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MISSOURI

ST LOUIS

Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d .....Bell-Olive 904 Kinloch-Central 1627
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NEW YORK

NEW YORK CITY

Manitou Mineral Water Company The 225, 5th av.....Mad Sq 903
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WAX

ILLINOIS

CHICAGO

Barrett M L & Co, 233 W Lake.....Main 11

NEW YORK

NEW YORK CITY

Edgertyn Aniline Corporation, 118 William .....Beekman 964
U S Chemical Exchange, 59 Pearl.....Broad 7250

WAX (IRONING, HOUSEHOLD, LAUNDRY AND BEESWAX)

ILLINOIS

CHICAGO

Brown Mfg Co "Brownie" 54 W Lake....Central 6922

WAX (MINERAL & VEGETABLE)

ILLINOIS

CHICAGO

Candy & Co Inc, 401-411 N Paulina.....Monroe 135
Clark Frank C, 316 W Kinzie.....Main 690

WAX (SEALING)

ILLINOIS

PRINCETON

Princeton Sealing Wax Co.....Princeton 2234

WAX ENGRAVERS

ILLINOIS

CHICAGO

Fitzner Ben, 422 S Dearborn.....Harrison 2307
Laue Chas F, 542 S Dearborn.....Harrison 7559

MISSOURI

ST LOUIS

Morgan Engraving Co, 411 Olive.....Olive 3758

WAX FIGURE REPAIRING OR REFINISHING

ILLINOIS

CHICAGO

Blumenthal Julius, 166 N State.....Central 3962

WAX FIGURES & PAPIER MACHE SHOW FORMS

NEW YORK

NEW YORK CITY

Spieles Joseph (Manufacturer of High Grade Wax Figures and Papier Mache Show Forms. Special department for repairing and remodeling) 133 W 14th .....Chelsea 7692

WISCONSIN

MILWAUKEE

French Wax Figure Co, 265 W Water.....Grand 1978

WAX FIGURES & SHOW FORMS, MFRS. AND REFINISHERS

ILLINOIS

CHICAGO

American Wax Figure & Display Fixture Co, 1669 Milwaukee av...Armitage 7400

WAX PAPER MANUFACTURERS

NEW YORK

NEW YORK CITY

Newark Paraffine & Parchment Paper Co, 90 West .....Rector 3812

WAX PAPER MFRS.—PRINTED AND PLAIN

OHIO

CINCINNATI

Diem & Wing Paper Co, The, Gilbert av Viaduct .....Canal 2163

WAXED AND OILED PAPERS

ILLINOIS

CHICAGO

Duffin John V, 35 N Dearborn.....Randolph 6674
Smith H P Paper Co, 1130-38 W 37th..Drover 8207

VERMONT

BELLOWS FALLS

Robertson Paper Company .....Bellows Falls 83-W

WAXED PAPER—BREAD WRAPPERS A SPECIALTY

NEW YORK

BUFFALO

Niagara Wax Paper Co, 1392 Niagara....North 2285-W

WAXED PAPER MNFRS—LUNCH ROLLS—SPECIALTIES

NEW YORK

NEW YORK CITY

National Wax & Paper Mfg Co, Bush Terminal ft of 37th, Bklyn.....Sunset 5217

WEATHER STRIPS

ALABAMA

BIRMINGHAM

Monarch Metal Weather Strip Co The (A H Moore, Distributor) 1724 First av. Main 3425
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ARKANSAS

LITTLE ROCK

Monarch Metal Weather Strip Co The (Clippard B S Co, Distributors) 121 Louisiana .....Main 5233
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CALIFORNIA

LOS ANGELES

Monarch Metal Weather Strip Co The (Monarch Supply Co, Distributors) Metropolitan bldg.....Manual-Broadway 502 Automatic-6 0871
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Niagara M tal Weather Strin Co, (Niagara Supply Co), 2507 E 1st.....Home 41121

SAN FRANCISCO

Monarch Metal Weather Strip Co The (Richard Spencer, Distributor) Hearst bldg .....Kearny 2915
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DISTRICT OF COLUMBIA

WASHINGTON

Monarch Metal Weather Strip Co The (Jas B Henderson Co, Distributors) 2028 W 14th N W.....North 6714
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Niagara Metal Weather Strip Co, (H T Morsell) Woodward bldg.....Main 1902

GEORGIA

ATLANTA

Monarch Metal Weather Strip Co The (Beaullieu & Applewhite, Distributors) 3d Nat'l Bank bldg.....Ivy 1754
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Niagara Metal Weather Strip Co (Boyt & Brocklesby Co) Grant bldg.....Ivy 492

SAVANNAH

Monarch Metal Weather Strip Co The (Meldrim Thomson, Distributor) 104 Artillery Hall .....Savannah 457
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Niagara Metal Weather Strip Co (E M Hopkins) 30 East Bryant.....Savannah 345

ILLINOIS

BLOOMINGTON

Niagara Metal Weather Strip Co, (Minter Mfg Co) 929 E Grove.....Kinloch 776-J

CHICAGO

Allmetal Weatherstrip Co, 228 W Madison.Franklin 5170
Athey Co, 124 W 24th .....Calumet 4550
Monarch Metal Weather Strip Co The (W L Van Dame Co, Distributors) 58 E Washington .....Randolph 1753
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Robbins Mfg Co, 1815 N Central Park av. Albany 2600
Shogren Weatherstrip Co, 706 Townsend. Superior 9739

DECATUR

Niagara Metal Weather Strip Co, (Decatur Metal Weather Strip Co) Wait bldg....Main 3908

MOLINE

Monarch Metal Weather Strip Co The (W Geo Heider, Distributor) 1205, 15th .....Moline 2975
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PEORIA

Monarch Metal Weather Strip Co The (Thompson & Wood, Distributors) 113 Machin .....Bluffs 2640
.....Bluffs 1636
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PERU

Niagara Metal Weather Strip Co (Stangel & Boeckling) 810 Schuyler.....Main 510-W

INDIANA

EVANSVILLE

Monarch Metal Weather Strip Co The (Jacob Bippus & Son, Distributors) 411 Sycamore .....Evansville 1314
See our Catalog Space, page 1023

FT WAYNE

Monarch Metal Weather Strip Co The Fort Wayne S & S Co, Distributors) 2804 Holton av.....Home 7095
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INDIANAPOLIS

Diamond Metal Weather Strip Co The (Spray Hiatt) 2915 N New Jersey.....North 3596

TERRE HAUTE

Monarch Metal Weather Strip Co The (Theo Burkhardt, Distributor) 74 S 17th .....
See our Catalog Space, page 1023

IOWA

DES MOINES

Monarch Metal Weather Strip Co The (John C Wilke, Distributor) Utica bldg .....Walnut 2007
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FT. DODGE

Diamond Metal Weather Strip Co The (J E Dunmire) Tobin College.....Ft Dodge 572

FORT MADISON

Niagara Metal Weather Strip Co (Elmer E Sovern) 730, 3d.....Fort Madison 518

KANSAS

SALINA

Diamond Metal Weather Strip Co The (W H Van Petten) 1106 South Santa Fe.....Salina 2118

WICHITA

Niagara Metal Weather Strip Co, (United Metal Weather Strip Co) Beacon bldg.Market 2462

KENTUCKY

LOUISVILLE

Monarch Metal Weather Strip Co The (Hegan-Magruder Co, Distributors Bell-Main 177
316 W Market.....Home-City 177
See our Catalog Space, page 1023

PADUCAH

Monarch Metal Weather Strip Co The (Langstaff-Orm Mfg Co, Distributors) 438 S Second.....Paducah 20
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MARYLAND

BALTIMORE

Monarch Metal Weather Strip Co The (C L Cunningham Co, Distributors) 30 Garrison Lane.....Gilmore 1283
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MASSACHUSETTS

BOSTON

Monarch Metal Weather Strip Co The (H E Holbrook Co, Distributors) John Hancock bldg.....Main 34
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MICHIGAN

DETROIT

Diamond Metal Weather Strip Co The, (F J Bresee) 604 Hurlbut av.....Hickory 1614
Monarch Metal Weather Strip Co The (G E Sherman, Distributor) Palmer bldg.Main 38
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, (F A Barron & Co) Penobscot bldg.....Cherry 5040

LANSING

Diamond Metal Weather Strip Co The, (M L Stearns) 611 N Butler.....Citizens 9622

MINNESOTA

DULUTH

Monarch Metal Weather Strip Co The (Clyde T Fenton Distributor) Fargusson bldg .....Melrose 1493
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MINNEAPOLIS

Monarch Metal Weather Strip Co The (O F Symons & Co, Distributors) Plymouth bldg .....Main 3755
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Niagara Metal Wheather Strip Co (John B Harker & Co) Lumber Exchange...Nicollet 1397

ROCHESTER

Monarch Metal Weather Strip Co The (S V Ballou, Distributors) 1221 E College .....Rochester 1043-J
See our Catalog Space, page 1023

MISSOURI

JOPLIN

Monarch Metal Weather Strip Co The (F W McKinley, Distributors) 2127 Joplin .....Home 3421
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KANSAS CITY

Monarch Metal Weather Strip Co The (Sam Fletcher, Distributor) 107 W Eight .....Main 8733
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ST LOUIS

Kuhlmann Metal Weather Strip Co, Bell-Lindell 6118
3828 Olive .....Kinloch-Delmar 204
Monarch Metal Weather Strip Co Bell-Lindell 5420
The, 4121 Forest Park bl....Kinloch-Delmar 485
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, (Kuhlmann Metal Weather Strip Bell-Lindell 6118
Co) 3828 Olive .....Kinloch Delmar 204
Voxtex Mfg Co, 3828 Olive.....Bell-Lindell 6118
.....Kinloch-Delmar 204

NEBRASKA

OMAHA

Monarch Metal Weather Strip Co The (F H Turney & Co, Distributors) Brandeis bldg .....Douglas 4596
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NEW YORK

ALBANY

Monarch Metal Weather Strip Co The (W L Fitts Co, Distributors) Humphrey bldg .....Main 4072
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BINGHAMTON

Niagara Metal Weather Strip Co (J R Garrett) Security bldg .....Binghamton 2764-J

BUFFALO

Monarch Metal Weather Strip Co The (B S Broughton, Distributor) 112 Roesch av..... North 2454-W
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, 33 W Tupper .....Tupper 991-J

NEW YORK CITY

Prime Metal Weather Strip Co. 210 E 26th. Mad Sq 3136
See our Catalog Space, page 1023
Miller All Metal Weather Strip Co, 496 Flatbush av Bklyn.....Flatbush 6463
Mahey Co, Marbridge bldg, 34th and Broadway .....Greeley 2933
Diamond Metal Weather Strip Co The, 503 Fifth av.....Vanderbilt 4958
Eagle Weather Strip & Screen Co, Inc, 1010 Fulton, Bklyn .....Prospect 8789
Miller Chas F Metal Weather Strip Co, (We can keep out dust, winds and storms of the worst kinds) 798 Knickerbocker av Bklyn..Bushwick 1323
Monarch Metal Weather Strip Co The (Watson Mfg Co, Distributors) 101 Park av.....Murray Hill 8157
See our Catalog Space, page 1023
Robbins Mfg Co, 117 Chambers.....Worth 2063

ROCHESTER

Diamond Metal Weather Strip Co The, (Building Specialties Co) 176.....Bell-Main 653
Clinton av S.....Rochester-Stone 704
Monarch Metal Weather Strip Co The (Abner-Adams Co, Distributors) 47 East av .....Main 284
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co (Wm J Schiffhauer) R F D Spencerport.....Main 3975-R

SYRACUSE

Monarch Metal Weather Strip Co The (Abner-Adams Co, Distributors) New Rosenbloom bldg.....Warren 5506
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NORTH CAROLINA

CHARLOTTE

Niagara Metal Weather Strip Co (James H Bost) Realty bldg.....Charlotte 2383-J
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GREENSBORO

Monarch Metal Weather Strip Co The (D E Harllee Co Inc, Distributors) 109 E Sycamore.....Greensboro 2432
See our Catalog Space, page 1023

RALEIGH

Niagara Metal Weather Strip Co (McDonald & Thomas) 313 S Wilmington.....Raleigh 1349

OHIO

AKRON

Monarch Metal Weather Strip Co The (C W Kempel, Distributor) 111 Beck av .....Main 2396
See our Catalog Space, page 1023

CANTON

Niagara Metal Weather Strip Co (Henry Anthony) 715 Shorb av.....Canton 870

CINCINNATI

Baker W J Co, 1029 Saratoga Newport Ky. South 482
Monarch Metal Weather Strip Co The (D W Brown, Distributor) 3003 Fairfield av .....Woodburn 438-R
See our Catalog Space, page 1023

CLEVELAND

Diamond Metal Weather Strip Co The, (Federal Screen Co) 10522 Norman av. Garfield 981
Monarch Metal Weather Strip Co The (Burr-Avey Company, Distributors) Leader News bldg..... Bell-Main 2970 Central 2151-R
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, (W H Taylor) Hippodrome bldg.....Main 2910

COLUMBUS

Diamond Metal Weather Strip Co The, 626 Kerr .....Ohio State 7175

DAYTON

Monarch Metal Weather Strip Co The (G W McFarland, Distributor) 631 S Summit.....Main 6264
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KENTON

Niagara Metal Weather Strip Co (J N Kilgore) 203½ W Franklin.....Kenton 1134

TOLEDO

Niagara Metal Weather Strip Co (H D Hart) Nicholas bldg...Ohio State-Main 6360

OKLAHOMA

OKLAHOMA CITY

Monarch Metal Weather Strip Co The, 227 W First.....Maple 253
See our Catalog Space, page 1023

TULSA

Monarch Metal Weather Strip Co The (Standard M W S Co, Distributors) Robinson bldg .....Osage 6329
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co (G W Strawn) 110 W Golden.....Osage 4751

OREGON

PORTLAND

Monarch Metal Weather Strip Co The (H M Fairfowl, Distributor) Lumber Exchange .....Main 7376
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PENNSYLVANIA

PHILADELPHIA

Diamond Metal Weather Strip Co The, (G R O Johnston) Drexel bldg.....Lombard 3693
Monarch Metal Weather Strip Co The (A L Otto Co, Distributors) Land Title bldg.....Locust 248
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, (Strawbridge & Clothier) Market, 8th and Filbert.....Filbert 100
Robbins Mfg Co, Land Title bldg.....Locust 1730

PITTSBURGH

Monarch Metal Weather Strip Co The (Hubert Moore, Distributor) 245 Fourth av .....Court 1946
See our Catalog Space, page 1023
Robbins Mfg Co, Jenkins Arcade bldg.....Grant 6769

WILKES BARRE

Diamond Metal Weather Strip Co The, (Harry W Poust) Welles bldg..Wilkes Barre 2199

WILLIAMSPORT

Monarch Metal Weather Strip Co The (Frank L Kerr, Distributor) 137, 5th ..... Williamsport 1816-R
See our Catalog Space, page 1023

SOUTH DAKOTA

WATERTOWN

Monarch Metal Weather Strip Co The (Geo Hauenstein, Distributor) 311 Fifth av N W.....Auto 2338
See our Catalog Space, page 1023

TENNESSEE

KNOXVILLE

Monarch Metal Weather Strip Co The (W B Martin, Distributor) Holston Bank bldg.....Independent 2487
See our Catalog Space, page 1023

MEMPHIS

Monarch Metal Weather Strip Co The (Geo Mahan, Distributor) 83 S Front...Main 1743
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NASHVILLE

Niagara Metal Weather Strip Co, (J L Webb Screen Co) 214 Shelby av.....Main 2761

TEXAS

FORT WORTH

Monarch Metal Weather Strip Co The (Lem A Nichols Co, Distributors) Dan Waggoner bldg.....Lomar 2727
See our Catalog Space, page 1023

UTAH

SALT LAKE CITY

Monarch Metal Weather Strip Co The (Murphy Wall Bed Co, Distributors) 1482 Edison.....Hyland 2740
See our Catalog Space, page 1023

VIRGINIA

LYNCHBURG

Diamond Metal Weather Strip Co The, (J R Clark Co) Peoples Bank bldg. Lynchburg 1646

RICHMOND

Diamond Metal Weather Strip Co The, (C W Montgomery) 1708 W Cary. Randolph 2029-J
Monarch Metal Weather Strip Co The (Lee-Harrison Co Inc, Distributors) Time Dispatch bldg.....Madison 561
See our Catalog Space, page 1023

WASHINGTON

SEATTLE

Monarch Metal Weather Strip Co The (H S Drake, Distributor) 861 Empire bldg .....Main 7998
See our Catalog Space, page 1023

SPOKANE

Monarch Metal Weather Strip Co The (C E Curtis, Distributor) 120 Browne .....Main 1757
See our Catalog Space, page 1023

WEST VIRGINIA

HUNTINGTON

Monarch Metal Weather Strip Co (J J Weiler, Distributor) P I Box 648 .....Huntington 1299
See our Catalog Space, page 1023

WISCONSIN

MILWAUKEE

Monarch Metal Weather Strip Co (E T Ver Halen, Distributor) 445 Milwaukee .....Main 856
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WEATHER VANES

NEW YORK

NEW YORK CITY

Washburne E G & Co, 207 Fulton.....Cortland 3125

WEATHER VANES—COPPER

NEW YORK

NEW YORK CITY

Jones Thomas W, 153 Maiden Lane.....John 1668

WEAVERS

ILLINOIS

CHICAGO

American Textile Weaving Co, (We re-weave all kinds of damages in garments) 234 S Lasalle .....Wabash 7191

WEBBING

NEW YORK

NEW YORK CITY

Bliss Wm B Jr & Co (Elastic, non Elastic, All Widths & Qualities) 114, 5th av..Chelsea 8283
Boyle John & Co Inc, 112 Duane.....Worth 4770
Engel A, (Dress Beltings and Surgical Webbing) 396 Broadway .....Franklin 1868
Gates Thos B M, (Silk, mercerized and cotton dress beltings) 315, 4th av cor 24th.....Gramercy 4629

WEBBING, SHOE LACES, TAPES AND BELTING

NEW YORK

NEW YORK CITY

American Cord & Webbing Co, 105 Hudson .....Franklin 4109

WEIGHING MACHINES (AUTOMATIC)

MASSACHUSETTS

BOSTON

National Packaging Machinery Co, 172-180 Green Jamaica Plain .....Jamaica 420

WEIGHTS

NEW YORK

NEW ROCHELLE

Voland & Sons.....New Rochelle 1192

WEIGHTS, SASH

MISSOURI

ST LOUIS

Western Foundry & Sash Weight Co, 2d & Miller .....Bell-Main 2654 Kinloch-Central 2221

WELDERS

CALIFORNIA

LOS ANGELES

Southwest Welding & Mfg Co, 625-27 N Main .....Main 1158

SAN FRANCISCO

Wood John Mfg Co, 268 Market.....Garfield 1787

CONNECTICUT

BRIDGEPORT

Cave Welding & Mfg Co, 303 Center.....Barnum 1383
Other Shops Holyoke, Springfield, Hartford, Norwich

ILLINOIS

CHICAGO

Acme Boiler & Tank Co, 48th and Aberdeen.Yards 7409
Torchweld Equipment Co, Fulton & Carpenter .....Haymarket 7131
Wood John Mfg Co, 321 E Grand av.....Superior 4111

PEORIA

Superior Welding Co, 331 Knoxville av.....Main 5707

INDIANA

RICHMOND

Weldex Company, 12th and North E...Automatic 1494

MARYLAND

BALTIMORE

Milburn Alexander Co The, 1420-26 W Baltimore .....Gilmor 3640
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MASSACHUSETTS

BOSTON

American Electric Welding Co Inc, 42 Maverick Square.....East Boston 387
Wood John Mfg Co, 32 Dorchester av...So Boston 480

SPRINGFIELD

Cave Welding & Mfg Co, 32 Liberty.....River 3983
Other Shops Holyoke, Bridgeport, Hartford, Norwich

MICHIGAN

DETROIT

Advance Welding Co, 747 Woodbridge E...East 2171
Cottingham Welding Co, 637 Cass av...Glendale 2868
Detroit Saw & Brazing Works, 12 Atwater W .....Cadillac 2338
Detroit Welding Specialty Co, 96 Beaubien.Cherry 5351
Eclipse Welding & Cutting Wks, 88 Adams Av W.....Cadillac 1664
Smith-Hamburg-Scott Welding Co, 690 John R .....Glendale 635
Walker Joseph A, 253-5 Lafayette bl W...Cherry 5899

NEW YORK

NEW YORK CITY

K G Welding & Cutting Co Inc, 556 W 34th .....Greeley 6358
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Mecca Machinery Co, 85-87 Adams Bklyn .....Main 7065
Wood John Mfg Co, Bush Terminal, Bklyn .....Sunset 5483

OHIO

CINCINNATI

Cincinnati Welding & Repair Co, 412 Richmond .....Canal 1707

COLUMBUS

Columbus Welding Shop, 783 N 4th...Bell-North 3600
.....Ohio State 5223

OKLAHOMA

TULSA

Dubler Welding Co, Admiral & Owassa.....Tulsa 4475

PENNSYLVANIA

PHILADELPHIA

Wood John Mfg Co, 1225 Hamilton.....Poplar 7638

PITTSBURGH

Liberty Brazing Welding Co, 140-142 S Beatty .....Hiland 670
Pittsburgh Reinforced Brazing & Machine Co, 2525 Liberty av .....Grant 4473

TEXAS

BEAUMONT

Gulf Welding Co, 357-59 Pine.....Beaumont 346

WELDERS, ALL KINDS GEAR CUTTING CYLINDER GRINDING

IOWA

SIOUX CITY

Sioux City Welding & Machine Works .....Bell-Sioux City 836 Auto 1867

WELDERS, AUTOMOBILE REPAIRERS

ILLINOIS

CHICAGO

Lundgreen R G, 2439 N Halsted.....Diversey 8639

WELDERS & BRAZERS

PENNSYLVANIA

CHESTER

Berry James (All Kinds of Castings & Machinery) 128 W 2d.....Chester 1819-J

WELDERS, BROKEN METAL PARTS OF ALL KINDS

NEBRASKA

OMAHA

Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

WELDERS, ELECTRIC

ILLINOIS

CHICAGO

E C Mfg Co, 522 S Clinton.....Harrison 8669

WELDERS ELECTRIC AND OXY-GEN ACETYLENE

ILLINOIS

CHICAGO

Corbett Geo E, Boiler & Tank Co, 1332-1336 Cortland .....Lincoln 4533

WELDERS, OXY-ACETYLENE

ILLINOIS

CHICAGO

Austin Welding Works, 319 S Jefferson..Wabash 1762

WELDERS—OXY—ACETYLENE & CUTTING

MICHIGAN

DETROIT

National Welding Co, 128 Selden av....Glendale 4910

MISSOURI

ST LOUIS

American Welding Co, 23d & Olive .....Bell-Bomont 1895 Kinloch-Central 5201

OHIO

CINCINNATI

Queen City Welding & Cutting Co, 1420-22 Plum .....Canal 1683

WELDERS, OXY-ACETYLENE ELECT THERMIT PORTBLE PLTS

RHODE ISLAND

PROVIDENCE

R I Welding Co, 25 Bath.....Union 115

WELDERS—SCORED CYLINDERS WELDED WITHOUT REGRINDING

NEW YORK

NEW YORK CITY

Bizzarri Welding Works (Highest class workmanship. All work guaranteed) 162 West 56th.....Circle 3222

OHIO

CINCINNATI

Ideal Welding Co, 328 E 8th.....Canal 4876

WELDING APPARATUS

CALIFORNIA

SAN FRANCISCO

Davis-Bournonville Co, 602 Mission.....Sutter 4977
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DISTRICT OF COLUMBIA

WASHINGTON

Davis-Bournonville Company, Colorado bldg..Main 9178
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ILLINOIS

CHICAGO

Burdett Mfg Co, 809-319 St Johns ct....Monroe 4486
Davis-Bournonville Co, 143 W Austin av..Franklin 5877
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Imperial Brass Mfg Co, 1200WHarrison.Haymarket 741

MASSACHUSETTS

BOSTON

Davis-Bournonville Co, 141 Milk.....Fort Hill 4763
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Teneco Sales Corp, 201 Devonshire....Fort Hill 1887

MICHIGAN

DETROIT

Davis-Bournonville Co, 427 Grand River av .....Glendale 3426
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MISSOURI

ST LOUIS

avis-Bournonville Co, 1005 Pine.....Olive 883
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NEW JERSEY

JERSEY CITY

avis-Bournonville Co, Van Wagenan av...Bergen 1586
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NEW YORK

NEW YORK CITY

vis-Bournonville Co, Van Wagenan av Jersey City .....Rector 3428
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OHIO

CINCINNATI

vis-Bournonville Co, Union Central Life Ins bldg .....Main 3894
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CLEVELAND

vis-Bournonville Co, Engineers bldg.....Main 2230
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OKLAHOMA

OKLAHOMA CITY

dett Oxygen Co, 406 N Hudson.....Maple 763

PENNSYLVANIA

CHESTER

ett Oxygen Co, 6th and Lloyd.....Chester 304

PHILADELPHIA

ett Oxygen Co, Witherspoon bldg....Walnut 462
s-Bournonville Co, N Stock Ex bldg...Spruce 693
See our Catalog Space, page 1023

PITTSBURGH

s-Bournonville Co, 316 Penn .....Court 2683
See our Catalog Space, page 1023

TENNESSEE

CHATTANOOGA

ett Oxygen Co, 410 N Market.....Main 294

WASHINGTON

SEATTLE

-Bournonville Co, 6 Colman Dock....Elliot 1088
See our Catalog Space, page 1023

WELDING APPARATUS (ELECTRIC) FOR SPOT & BUTT WORK

ILLINOIS

CHICAGO

Federal Machine & Welder Co The, 15 S Clinton .....Franklin 3834

MICHIGAN

DETROIT

Federal Machine & Welder Co The (Rep A B Sonneborn) Ford bldg .....Cherry 3182

MINNESOTA

MINNEAPOLIS

Electric Welder & Specialty Co The (F G Smith, Mngr) Builders Exchange bldg .....Bell-Main 1268 Tri State 34311

NEW YORK

NEW YORK CITY

Electric Machine Tool Co, 50 Church ...Cortland 251
Federal Machine & Welder Co The (Rep D W Barnes) 90 West .....Rector 1360

OHIO

WARREN

Federal Machine & Welder Co The, Dana av.Main 2251

PENNSYLVANIA

PHILADELPHIA

Federal Machine & Welder Co The (Rep A E Meyer) Lincoln bldg .....Bell-Walnut 4422 Keystone-Race 1918

WELDING APPARATUS AND SUPPLIES

MASSACHUSETTS

BOSTON

Suffolk Castings & Supply Co Inc, 110 A Broad .....Fort Hill 1724

OHIO

CLEVELAND

Ideal Bronze Co The, 1261 E 55th.....Rosedale 640

WELDING COMPOUND MANUFACTURERS

NEW YORK

CORTLAND

Cortland Specialty Co The, 174 Railroad .....Cortland 155

WELDING & CUTTING APPARATUS

DISTRICT OF COLUMBIA

WASHINGTON

Milburn, Alexander Co The, 711, 13th st N W .....Main 3934
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ILLINOIS

CHICAGO

Milburn, Alexander Co The, Kimball bldg.Harrison 1809
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Torchweld Equipment Co, Fulton & Carpenter .....Haymarket 7131

CHICAGO HEIGHTS

The Thermalene Co.....Chicago Heights 262

MARYLAND

BALTIMORE

Milburn Alexander Co The, 1420 W Baltimore .....Gilmor 3640
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NEBRASKA

OMAHA

Bertschy Manufacturing & Engineering Co, 1915-23 Harney .....Douglas 2552

NEW YORK

NEW YORK CITY

Milburn Alexander Co The, 51 E 42d .....Murray Hill 2287
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Welding Supply Co, 182 Nassau.....Beekman 4460
See our Catalog Space, page 1014

PENNSYLVANIA

PITTSBURGH

Milburn, Alexander Co The, Bessemer bldg.Court 891
See our Catalog Space, page 1024

WELDING & CUTTING MACHINES ALSO WELDING REPAIRS

NEW JERSEY

HOBOKEN

General Welding Co, 369, 14th.....Hoboken 1304

WELDING DEVICES AND SUPPLIES

MISSOURI

KANSAS CITY

Economy Welding Machine Company, Southwest bl and Central.....Bell-Grand 2272 Home-Main 4389

WELDING, HEAVY PARTS, THERMIT WELDING APPARATUS

CALIFORNIA

SAN FRANCISCO

Goldschmidt Thermit Co, 329-333 Folsom..Kearny 3635

ILLINOIS

CHICAGO

Goldschmidt Thermit Co, 7300 South Chicago av .....Midway 6490

NEW JERSEY

JERSEY CITY

Goldschmidt Thermit Co, 92 Bishop.....Bergen 5100

NEW YORK

NEW YORK CITY

Goldschmidt Thermit Co, 120 Broadway...Rector 7422

PENNSYLVANIA

PITTSBURGH

Goldschmidt Thermit Co, 1427-1429 Western av .....Cedar 98

WELDING MATERIALS & SUPPLIES

ILLINOIS

CHICAGO

Torchweld Equipment Co, Fulton & Carpenter .....Haymarket 7131

WELDING RODS—IRON, BRASS, ALUMINUM

ILLINOIS

NORTH CHICAGO

Chicago Foundry & Hardware Co, Ft Commonwealth av .....North Chicago 577

WELDING STICKS—ALUMINUM

CONNECTICUT

NEW HAVEN

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce ..... Liberty 4320
See our Adv., page 32, first page opposite Section 1

ILLINOIS

CHICAGO

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Monadnock blk ..... Harrison 6628
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MICHIGAN

DETROIT

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 74-76-78 Fort st E ..... Cadillac 2828
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NEW YORK

NEW YORK CITY

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg 233 Broadway ..... Barclay 8215
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WELL CONTRACTORS

ILLINOIS

CHICAGO

Gray F M Jr, 14 E Jackson bl ..... Harrison 1147

MASSACHUSETTS

BOSTON

Artesian Well & Supply Co, 170 Summer .. Main 1255

MINNESOTA

ST PAUL

McCarthy Well Co (Deep & Shallow Wells of every description) 670 Eustis ..... Bell-Midway 6590, Tri State 82554

NEW YORK

NEW YORK CITY

Artesian Well & Supply Co, 103 Park av ..... Murry Hill 4730

RHODE ISLAND

PROVIDENCE

Artesian Well & Supply Co, Providence ... E Prov 198

WISCONSIN

MILWAUKEE

Gray F M Jr, M & M Bank bldg ..... Grand 3762

WELL CONTRACTORS, DRILLING, TEST AND BLAST HOLES

MINNESOTA

ST PAUL

Keys G W, 413 Lexington av ..... Bell-Dale 413, Tri State 84418

WELL CONTRACTORS—PUMPS & CISTERNS

OHIO

DAYTON

Boone's Daniel Son, 312 S Wayne av ..... Main 2087

WELL DRILLING MACHINERY

NEW YORK

NEW YORK CITY

Whinery S B, 95 Liberty ..... Cortlandt 5326

PENNSYLVANIA

BEAVER FALLS

Keystone Driller Co, Eighth av and 20th ..... Beaver Falls 70

WELL POINTS (DRIVE)

MINNESOTA

ST PAUL

Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022, Tri State 82293

WELL SCREENS

MINNESOTA

ST PAUL

Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022, Tri State 82293

TEXAS

HOUSTON

Stancliff Well Screen & Mfg Co, 811 Walnut ..... Preston 131

WELLS DRILLED AND DRIVEN

NEW YORK

NEW YORK CITY

Phillips & Worthington, 90 West ..... Rector 3017

WHEEL GOODS, CHILDREN'S VEHICLES

OHIO

CLEVELAND

Kirk Latty Mfg Co The, W 84th and Madison ..... Edgewater 782

WHEELBARROWS

CALIFORNIA

SAN FRANCISCO

Lansing-Company, 338-348 Brannan ..... Kearny 2975

ILLINOIS

CHICAGO

Lansing-Company, 169 W Lake ..... Main 3758
Sterling Wheelbarrow Co 30 S Jefferson .. Monroe 671
Factory, Milwaukee Wis
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MASSACHUSETTS

BOSTON

Lansing-Company, 78 Cambridge ... Charlestown 1370

MICHIGAN

LANSING

Lansing-Company ..... Lansing 2000

MINNESOTA

MINNEAPOLIS

Lansing-Company, 517-519 Third N ..... Bell-Main 3723, Tri State 36-711

MISSOURI

KANSAS CITY

Lansing-Company, 1413-1415 W Tenth ..... Home-Main 4638

NEW YORK

NEW YORK CITY

Kilbourne & Jacobs Mfg Co The, 25 Broad ..... Broad 4699
Lansing-Company, 288-289 West St ..... Canal 9073

OHIO

COLUMBUS

Kilbourne & Jacobs Mfg Co The, Lincoln & Congress ..... Bell-Main 91, Ohio State 8368

PENNSYLVANIA

PHILADELPHIA

Lansing-Company, N American and Willow ..... Market 1822, Keystone Main 2320

WISCONSIN

MILWAUKEE

Sterling Wheelbarrow Co, West Allis .... W. Allis 380
Sales Office 80 S Jefferson, Chicago
See our Catalog Space, page 956

WHEELBARROWS, SCRAPERS AND ROAD PLOWS

OHIO

SIDNEY

Sidney Steel Scraper Co The, Poplar & Walnut ..... Sidney 153

WHEELS—AUTOMOBILE & AEROPLANE

OHIO

CLEVELAND

Ackerman Wheel Co The, Rockefeller bldg . Main 7080

WHEELS—AUTO AND AUTO TRUCK (MANUFACTURERS)

INDIANA

TERRE HAUTE

Standard Wheel Co, 13th & Plum ..... Bell-Terre Haute 397, Citizens 3235

PENNSYLVANIA

PHILADELPHIA

Schwarz Wheel Co The, Margaret st & Pa R R ..... Bell-Frankford 1890, Keystone East 152

WHEELS, AUTOMOBILE, PRESSED STEEL

MICHIGAN

DETROIT

Detroit Pressed Steel Co, 1800 Mt Elliott av ..... Ridge 4100

WHEELS—AUTOMOBILE AND WAGON

PENNSYLVANIA

WEST CHESTER

Hoopes Bro & Darlington Inc, East Market st ..... West Chester 215

WHEELS, BABY CARRIAGES, WAGONS, BICYCLES, ALL SIZES

NEW YORK

NEW YORK CITY

Broadway Bicycle & Auto Supply Co, 60 Vesey ..... Cortlandt 1308

WHEELS: CAR (FREIGHT, PASSENGER, STREET)

ILLINOIS

CHICAGO

American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

MISSOURI

ST LOUIS

American Car & Foundry Co, 915 Olive.....Olive 2600

NEW YORK

NEW YORK CITY

American Car & Foundry Co, 165 Bway..Cortland 8110

WHEELS—CARRIAGE AND WAGON (MANUFACTURERS)

INDIANA

TERRE HAUTE

Standard Wheel Co, 13th & Plum ..... Bell-Terre Haute 397 .....Citizens 3235

WHEELS AND CASTERS—PRESSED STEEL

OHIO

SALEM

Clark W J Co The, 190 Depot.....Salem 352

WHEELS (RESILIENT) FOR AUTOMOBILES AND TRUCKS

WISCONSIN

MILWAUKEE

unz Wheel Company, 26th and Vliet.....West 310

WHEELS, IRON, STEEL, RUBBER AND CANVAS CUSHION

NEW YORK

NEW YORK CITY

wl Julius, 119 West 17th.....Chelsea 6186

WHEELS, MOTOR TRUCK WOOD

MICHIGAN

ST JOHNS

es Motor Truck Wheel Co.....St Johns 8

WHEELS, PASSENGER, CAR AND TRUCK

MICHIGAN

LANSING

Iden Wheel Co.....Bell-Lansing 1084 .....Citizens 2415

WHEELS—SPECIAL WOOD

ILLINOIS

CHICAGO

erre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

WHEELS—STEEL (TRUCK)

OHIO

DAYTON

Dayton Steel Foundry Co The ("The Dayton") S Broadway.....Main 2076

WHEELS—STEEL FOR PORTABLE OUTFITS OF ALL KINDS

OHIO

GENEVA

Geneva Metal Wheel Co The.....Peoples-Main 106

WHEELS AND WHEEL MATERIAL, AUTOMOBILE AND VEHICLE

ILLINOIS

CHICAGO

Hoof John C & Co, 157 W Illinois.....Main 1430

WHEELS—WIRE AUTOMOBILE

NEW YORK

BUFFALO

Houk Manufacturing Co, 1700 Elmwood av.North 4380

WHITE COTTON BELTING

OHIO

AKRON

Akron Belting Co The, 70-74 Canal....Bell-Main 240 .....Ohio State 1240

WHITE LEAD

ILLINOIS

CHICAGO

Harrison Works (Owned and operated by E I DuPont de Nemours & Co) 2001 Mendell .....Monroe 3286

MINNESOTA

MINNEAPOLIS

Harrison Works (Owned and operated by E I DuPont de Nemours & Co) 918, 4th .....Nicollet 567

NEW YORK

NEW YORK CITY

Harrison Works (Owned and operated by E I DuPont de Nemours & Co) 80 Maiden Lane.....John 6444

PENNSYLVANIA

PHILADELPHIA

Harrison Works (Owned and operated by E I DuPont de Nemours & Co) 35th st and Gray's Ferry rd.....Dickinson 50

WHITE METAL

ILLINOIS

CHICAGO

Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615

WHITE METALS ALLOYS

NEW YORK

NEW YORK CITY

Lissberger Marks & Son Inc, 281 Borden av L I C.....Hunters Point 1497

WHITE PAPERS

NEW YORK

WATERFORD

Gilbert Frank Paper Co, Kings Canal....Waterford 183
See our Catalog Space, page 952

WHITE SAND

ILLINOIS

CHICAGO

Three Products Company, 328 W 37th ..Drover 2884

WHITEWASHING

NEW YORK

NEW YORK CITY

Fleck F J & Co, 74-76 Ninth av.....Chelsea 99
See our Catalog Space, page 986

WHITEWASHING AND PAINTING MACHINES

ILLINOIS

CHICAGO

Star Brass Works The, 3114 to 3122 Carroll av .....Kedzie 9551
See our Catalog Space, page 1000

WHITEWASHING AND WATER PAINTING

PENNSYLVANIA

PHILADELPHIA

Southern William B, N W cor 12th & Spruce sts..... Bell-Walnut 135 .....Keystone Race 3073

WHITEWASHING & WATERPROOFING (SPRAYING METHOD)

MICHIGAN

DETROIT

Johnson William B Co, 238 Larned.....Cadillac 4505

WICKS, FELT

NEW YORK

NEW YORK CITY

Brawley T R, Adams & York sts Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams & York sts Bklyn .....Main 488
See our Catalog Space, page 952

WIGS AND TOUPEES

ILLINOIS

CHICAGO

Crest Jules Wig Co, 25 W Madison.....Central 2113
Kettler Company The, (Carl Kettler Pres, Former Mgr of Wm Hepner Wig Co. We lead the world in Wigs and Toupees) 56 W Washington .....Central 4621
Klinghammer Jos, 115 S Dearborn.....Central 6611
Seerup John M, Consumers bldg, 220 S State .....Harrison 5505
Strehl William R, 5 S Wabash av .....Central 3327

WIGS, TOUPEES FOR STREET WEAR

NEW YORK

NEW YORK CITY

Maison Antoine (High Class Wigs, Toupees Lowest Prices) 649, 3d av.....Murray Hill 9039

WILLOW FURNITURE & BASKETS

MICHIGAN

DETROIT

Szwed Lawrence, 1147 Gratiot av.....Ridge 619

WILLOW FURNITURE MANUFACTURERS

NEW JERSEY

WEST HOBOKEN

Giordano P & Co, (P Giordano, pres) 600 Paterson av .....Union 1930

WILLOW FURNITURE MNFRS. AND WILLOW NOVELTIES

NEW JERSEY

HOBOKEN

U S Willow Furniture Co, 13th and Grand .....Hoboken 2345

WILLOW AND REED FURNITURE MFRS. ALSO NOVELTIES

NEW YORK

NEW YORK CITY

Pahlow Reed & Willow Mfg Co The, 132 W 27th.....Chelsea 5471

WIND SHIELD GLASS & FRAMELESS WINDOWS FOR BODIES

NEW YORK

NEW YORK CITY

Rawle M Co Inc, 796, 7th av.....Circle 2090

WIND SHIELDS

ILLINOIS

CHICAGO

Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545

WINDLASS MANUFACTURERS

NEW YORK

NEW YORK CITY

Stimmel Samuel, 4 Bedford.....Spring 7829

OHIO

BUCYRUS

American Clay Machinery Co The, Walnut and Warren.....Bucyrus 399

PENNSYLVANIA

PHILADELPHIA

American Clay Machinery Co The (Headquarters, Bucyrus, Ohio) Liberty bldg .....Filbert 5366

WINDMILLS WITHOUT A PITMAN

TEXAS

WICHITA FALLS

Atlas Windmill Co, Factory District.Wichita Falls 2578

WINDMILLS—WOOD AND STEEL

ILLINOIS

BATAVIA

U S Wind Eng & Pump Co, 20 Water.... Batavia 2

WINDOW CALKING

ILLINOIS

CHICAGO

Advance Calking Co, 180 N Dearborn....Central 1802

WINDOW CARDS

ILLINOIS

CHICAGO

McAleer Show Card Service, 64 W Washington .....Central 6760

WINDOW CLEANERS

NEW YORK

NEW YORK CITY

Standard House & Window Cleaning Co, 134-136 Broadway Bklyn...Williamsburg 5398

WINDOW CLEANERS SUPPLIES

ILLINOIS

CHICAGO

Wilson-Ludwig Brush & Supply Co, 455 S Clark.....Harrison 6337

WINDOW DISPLAY BACKGROUNDS, DESIGNERS & MNFRS.

ILLINOIS

CHICAGO

Bodine-Spanjer Co The, 1160 Chatham ct.Diversey 2585

WINDOW DISPLAY FIXTURES

OHIO

CINCINNATI

Great Central Novelty Co The, 240 Main....Main 2095
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

WINDOW DISPLAY FIXTURES, FORMS, WAX FIGURES

NEW YORK

NEW YORK CITY

National Hanger & Fixture Mfg Co Inc, "Faultless" 496-498 E 134th.....Melrose 4555

WINDOW DISPLAY FIXTURES, MNFRS.

ILLINOIS

CHICAGO

Polay Fixture Service Inc, 515-523 N Halsted .....Haymarket 6860

WINDOW DISPLAY FIXTURES AND WAX FIGURES

ILLINOIS

CHICAGO

Great Western Fixture Works, 178 W Jackson bl .....Wabash 6974

WINDOW DISPLAY—GLASS CRAFT VALANCES

ILLINOIS

CHICAGO

Schuler Art Glass Co, 617-631 W Jackson bl .....Haymarket 3672

WINDOW DISPLAY AND STORE DISPLAY FIXTURES

MINNESOTA

MINNEAPOLIS

Northern Fixture Co, 25 Main S E.....Bell-East 4942
.....Tri State 41252

WINDOW DISPLAYS

ILLINOIS

CHICAGO

Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505

WINDOW DISPLAYS—ARTISTIC NOVELTIES

NEW YORK

NEW YORK CITY

Doty & Scrimgeour Sales Co, 74 Duane ..Worth 5395

WINDOW DISPLAYS FOR NATIONAL ADVERTISERS

NEW YORK

NEW YORK CITY

Edgell A J, 1358 Bway.....Greeley 3453

WINDOW FRAMES—METAL

NEW YORK

NEW YORK CITY

Gerdes & Company Inc, (Also Iron Stairs, Railings, Grilles, Marquees) 28 ChurchCortland 7673

WINDOW GLASS

PENNSYLVANIA

PITTSBURGH

Johnston Brokerage Co, First National Bank bldg .....Court 468

WINDOW SCREENS

NEW YORK

NEW YORK CITY

Eagle Weather Strip & Screen Co, Inc, 1010 Fulton, Bklyn .....Prospect 8789

WINDOW SCREENS AND DOOR SCREENS

ILLINOIS

CHICAGO

Schuckmell Company The, 3757-59 W North av .....Albany 3150

WINDOW SHADE ADJUSTER & SHADE MNFRS.

ILLINOIS

CHICAGO

Hover Mfg Adjuster Shade & Cleaning Co, 445 W Chicago av.....Superior 2750

WINDOW SHADES

MINNESOTA

MINNEAPOLIS

Hoigaard C J Co, 30 Washington av Bell-Nicollet 2320
.....Tri State 31883

NEW YORK

NEW YORK CITY

Interstate Shade Cloth Co, 8th and Madison
Hoboken N J.....Cortland 6874

WINDOW SHADES, (WHOL.) CLOTH, STOCK & ROLLERS

ILLINOIS

CHICAGO

American Shade Cloth Co, 210 E 47th...Oakland 3508

WINDOW SHADES—GLASS CRAFT VALANCES

ILLINOIS

CHICAGO

Schuler Art Glass Co, 617-631 W
Jackson bl .....Haymarket 3672

WINDOW SHADES & SHOW WINDOW VALANCES

ILLINOIS

CHICAGO

Weinberg Julius, 1459-1461 Milwaukee
av .....Humboldt 1083

WINDOW SIGNS

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce..Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description)
20 W Jackson bl.....Harrison 6878

NEW YORK

NEW YORK CITY

Palm Brothers Company The (Manufacturers of Decalcomania Transfers of Every Description)
71-73 Murray .....Barclay 5969

OHIO

CINCINNATI

Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description)
Spencer av nr Cleneay Norwood.....Ridge 1475

WINDOW SIGNS GENUINE DECALCOMANIA

ILLINOIS

CHICAGO

Meyercord Co The, Chamber of Commerce..Main 1461

WINDOWS, CASEMENT & PIVOT, OPERATORS & STAYS

MISSOURI

ST LOUIS

Church Metal Weather Strip Co Bell-Lindell 5420
The, 4121 Forest Park bl....Kinloch-Delmar 485
See our Catalog Space, page 1028

WINDOWS—FIRE PROOF

MINNESOTA

ST PAUL

St Paul Roofing, Cornice & Ornament Bell-Robie 800
Co, S Wabasha and Water.....Tri State 25855

WINE BOTTLE RACKS

NEW YORK

NEW YORK CITY

Hopkins & Co, 199 Franklin.....Franklin 3782

WINE GLASS

ILLINOIS

STREATOR

Western Glass Co The, 610 S Vermillion.Streator 479

WIPERS (WASHED)—ALL KINDS OF REMNANTS

NEW YORK

NEW YORK CITY

Economy Wiping Materials Co Inc,
453-455 W 16th .....Chelsea 8540

PENNSYLVANIA

PHILADELPHIA

Oil & Waste Saving Machine Co The,
Real Estate Trust bldg.....Walnut 3995

WIPERS (WHITE AND COLORED) ALL KINDS

NEW YORK

NEW YORK CITY

National Wiping Material & Supply Co, 525-
527 Broome .....Spring 112

WIPERS, CHEESE CLOTH & MUSLIN REMNANTS (SANITARY)

IOWA

COUNCIL BLUFFS

Friedman-Yudelson Co, 1216 18-20 S Main....Red 743

WIPING CLOTHS

NEW YORK

NEW YORK CITY

Ellice John Co The, 189 Washington....Cortland 3463

WIPING CLOTHS—ALL NEW—REMNANTS CLEANING CLOTHS

NEW YORK

NEW YORK CITY

Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

WIPING CLOTHS, CHEESE CLOTHS, NEW MILL ENDS

KENTUCKY

LOUISVILLE

Louisville Sanitary Wipers Co Inc, Bell-South 1422
765 South Preston.....Home-City 1422

NEW YORK

NEW YORK CITY

N Y Sanitary Wiping Rag Co, 11 Waverly pl.Spring 4360

WIPING CLOTHS, CHEESE CLOTHS—SANITARY RAGS

MICHIGAN

DETROIT

Ferrer Sanitary Wiping Cloth Co,
1193-97 Rivard .....Market 5353

WIPING CLOTHS, MILL ENDS, MACHINERY TOWELS

MICHIGAN

DETROIT

Detroit Manufacturing Supply Co, East
Grand bl and Hastings.....North 6136

WIPING RAGS, CHEESE CLOTH & MILL ENDS

OHIO

CLEVELAND

Goodman M & J, 1733 East 12th Bell-Prospect 2615
.....Ohio State-Central 6905-W

WIPING RAGS, CHEESE CLOTH AND MUSLIN REMNANTS

OHIO

CLEVELAND

Standard Waste Mfg Co, 3067 Bell-Broadway 1122-J
East 61st .....Ohio State-Union 656-W

WIPING RAGS, MILL ENDS OF CHEESE CLOTH, TOWELS, ETC.

MICHIGAN

DETROIT

American Mill Ends Co, 27 Woodward
av .....Main 2268

WIPING RAGS (SANITARY) SPECIALISTS

NEW YORK

NEW YORK CITY

Bernstein S & Son, 525-527 Broome.....Spring 112

WIPING RAGS, SANITARY WASHED

WISCONSIN

MILWAUKEE

Seeboth Albert G Co, 280 Mineral.....Hanover 532

WIPING RAGS, WASHED & SANITARY—REMNANTS

PENNSYLVANIA

PHILADELPHIA

Hagy J Milton Waste Wks The. Bell-Lombard 677
836 Swanson .....Keystone-Main 1448

WIRE

ILLINOIS

CHICAGO

Fischer & Hayes Rope Co, 602 W Lake...Monroe 76

WIRE—CONTINUED

NEW YORK

NEW YORK CITY

Leygrand & Company (Aluminum and Fine Steel Wire) 120 Broadway.....Rector 4794
See our Catalog Space, page 978

WIRE (BALING & BINDING)

ILLINOIS

CHICAGO

Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

WIRE (BARBED)

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

WIRE (BRONZE PHOSPHOR)

PENNSYLVANIA

PHILADELPHIA

Phosphor Bronze Smelting Co The, 2200 Washington av .....Dickinson 870
See our Catalog Space, page 929

WIRE (COPPER AND BRASS)

ILLINOIS

CHICAGO

Metal Products Co, 100 South Jefferson.Haymarket 7166

WIRE (FINE DRAWN)

ILLINOIS

CHICAGO

Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

WIRE (FOR BROOMS, MATTRESSES & BELT LACING)

NEW YORK

NEW YORK CITY

Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

WIRE (INSULATED)

ILLINOIS

CHICAGO

Illinois Wire & Cable Co, Harris Trust bldg .....Randolph 312

DE KALB

Nehring Electrical Works, 6th and E Lincoln Highway .....Main 633

SYCAMORE

Illinois Wire & Cable Co, 327 Edward..Sycamore 69

MISSOURI

ST LOUIS

Illinois Wire & Cable Co, 915 Olive st....Olive 368

NEW YORK

NEW YORK CITY

Acorn Insulated Wire Co Inc, 77 Richards Bklyn .....Hamilton 1275

WIRE (MANUFACTURERS)

ALABAMA

BIRMINGHAM

American Steel & Wire Co, Brown-Marx bldg .....Main 2016

CALIFORNIA

LOS ANGELES

United States Steel Products Co, 156 N Central.....Manual-Main 9360 Automatic A-2190

SAN FRANCISCO

United States Steel Products Co, Rialto bldg.Sutter 2500

COLORADO

DENVER

American Steel & Wire Co, First National Bank bldg .....Main 1217

ILLINOIS

CHICAGO

American Steel & Wire Co, 208 S Lasalle.Wabash 4020
Holyoke Covered Wire Co (L E Kaplow mngr), 137 N Wabash av.....Central 3340 Randolph 2869
See our Catalog Space, page 1025
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

MARYLAND

BALTIMORE

American Steel & Wire Co, 32 S Charles .....St Paul 944

MASSACHUSETTS

BOSTON

American Steel & Wire Co, 120 Franklin...Main 7600

WORCESTER

American Steel & Wire Co, 94 Grove..Grove Park 2590

MICHIGAN

DETROIT

American Steel & Wire Co, Foot of 1st....Main 220

MINNESOTA

ST PAUL

American Steel & Wire Co, Pioneer bldg .....Bell-Cedar 793 Tri State 22-153

MISSOURI

ST LOUIS

American Steel & Wire Co, 3d National Bank bldg .....Main 1945

NEW YORK

BUFFALO

American Steel & Wire Co, 337 Washington.Seneca 3628

NEW YORK CITY

American Steel & Wire Co, 30 Church..Cortland 7484
Holyoke Covered Wire Co, 621 Broadway .....Spring 5051
See our Catalog Space, page 1025

OHIO

CINCINNATI

American Steel & Wire Co, Union Trust bldg .....Main 723

CLEVELAND

American Steel & Wire Co, Western Reserve bldg .....Main 5211

OKLAHOMA

OKLAHOMA CITY

American Steel & Wire Co, State National Bank bldg.....Maple 582

OREGON

PORTLAND

United States Steel Products Co Selling bldg .....Bell-Marshall 3580 Home-A-6631

PENNSYLVANIA

PHILADELPHIA

American Steel & Wire Co, Widener bldg...Race 1701

PITTSBURGH

American Steel & Wire Co, Frick bldg....Grant 5782

WILKES BARRE

American Steel & Wire Co, Miners Bank bldg .....Wilkes-Barre 644

UTAH

SALT LAKE CITY

American Steel & Wire Co, Walker Bank bldg .....Wasatch 926

WASHINGTON

SEATTLE

United States Steel Products Co, 4th S and Connecticut .....Main 1972

WIRE (STEEL—MNFRS.)

MASSACHUSETTS

HOLYOKE

Prentiss Geo W & Co, 439 Dwight.....Holyoke 128

WIRE (STRAIGHTENED & CUT)

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

STERLING

North Western Barb Wire Co.....Sterling 390

OHIO

CINCINNATI

Robertson W F Steel & Iron Co, Elm and Commerce, N W cor .....Main 1704

WIRE (WEATHERPROOF LINE & TELEPHONE)

ILLINOIS

CHICAGO

American Insulated Wire & Cable Co, 954-64 W 21st .....Canal 1854

SYCAMORE

Illinois Wire & Cable Co, 327 Edward..Sycamore 69

WIRE BALE TIES

ILLINOIS

STERLING

North Western Barb Wire Co, Avenue B and Wallace .....Main 390

NEW YORK

NEW YORK CITY

Wilson H P & H F, 542 W 22d .....Chelsea 205

WIRE BALE TIES (FOR ALL PURPOSES)

CONNECTICUT

NEW HAVEN

Eastern Steel Products Company, 1-8 Lawrence .....Colony 1490

WIRE BASKETS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

ROCKFORD

Andrew Wire & Iron Wks, 1802 Preston.... Main 347

WIRE BASKETS OF EVERY DESCRIPTION

INDIANA

LA FAYETTE

Peerless Wire Goods Co, 1416-30 Bell-Lafayette 196
Elizabeth ..... Lafayette 1965

NEW YORK

NEW YORK CITY

American Wire Form Co, Church cor Barclay ..... Barclay 6753

WIRE BASKETS, WINDOW GUARDS, ETC.

ILLINOIS

CHICAGO

Peerless Wire Goods Co, 20 E Jackson bl ..... Wabash 5212

WIRE BELT LACING

NEW YORK

NEW YORK CITY

Kerr & Co, Inc, 114 Liberty ..... Rector 1657

PENNSYLVANIA

BIRDSBORO

Birdsboro Steel Foundry & Machine Co (The original wire belting-lacing machine), Birdsboro, Berks Co ..... Birdsboro 30

WIRE BRAIDED FOR SHUNTS MFRS.

NEW YORK

NEW YORK CITY

Fleck Carbon Co, 71 W Bway..... Barclay 6796

WIRE BRUSH MFRS.

MASSACHUSETTS

BOSTON

Burtman Wire Works, 91 Fulton..... Richmond 2610

WIRE CLOTH

ILLINOIS

CHICAGO

Smith F P Wire & Iron Works, 54 W Lake ..... Central 438
Western Metal Products Co, 15 W Kinzie. Central 2839

MICHIGAN

DETROIT

Phoenix Wire Works The, 538-552 E Kirby ..... Ridge 6080

NEW JERSEY

CAMDEN

Audubon Wire Cloth Co Inc (Wire Cloth for Industrial Uses, Cement, Coal & Ore Screens, Wire Guards, Wire Products) Audubon N J.. Bell-Haddon Heights 573 Keystone-Main 3597

NEWARK

Newark Wire Cloth Co, 222-228 Verona av ..... Branch Brook 1532
See our Catalog Space, page 1025

NEW YORK

BUFFALO

Buffalo Wire Works Company, 816 Terrace Seneca 4520

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn..... Prospect 7688
Multi Metal Separating Screen Co, 252 W 19th ..... Chelsea 7995
See our Catalog Space, page 1024

PENNSYLVANIA

PHILADELPHIA

Buffalo Wire Works Company, 9-11 S 7th..... Bell-Market 2630 Keystone-Main 2168

WIRE CLOTH, CEMENT, HDWRE, LOCOMTVE, MING RICE SCREEN

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av ..... Lindell 637

WIRE, CLOTH, COAL, GRAVEL OR MINING SCREENS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

WIRE CLOTH FOR SCREENING COAL, ETC.

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

WISCONSIN

MILWAUKEE

Banker C I, 213 Reed..... Hanover 1578

WIRE CLOTH, GRAVEL, MINING SCREEN, LOCOMOTIVE NETTING

OHIO

CLEVELAND

Cleveland Wire Cloth & Mfg Co, The, 3573 E 78th..... Bell-Broadway 1125 Ohio State-Union 661-W

WIRE CLOTH MNFRS.

ILLINOIS

CHICAGO

American Wire Fabrics Co, 208 S Lasalle. Wabash 6692

NEW YORK

NEW YORK CITY

Bennett Wire Company Inc, 13-21 Park Row ..... Barclay 8720
Hopkins & Co, 199 Franklin ..... Franklin 3782

WIRE CLOTH MFRS.—BRASS, BRONZE, COPPER & MONEL

CONNECTICUT

SOUTH NORWALK

Bennett Wire Co Inc, 145 Water.... So Norwalk 324-2

WIRE CLOTH MFRS, BRASS, BRONZE, COPPER & STEEL

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av ..... Lindell 637

WIRE CLOTH AND MINING SCREEN

ILLINOIS

CHICAGO

Tyler W S Company The, McCormick bldg ..... Harrison 8860

NEW YORK

NEW YORK CITY

Tyler W S Company The, 200 Fifth av. Gramercy 4595

OHIO

CLEVELAND

Tyler W S Company The, Superior av and E 36th..... Prospect 1673

WIRE CUTTERS

MASSACHUSETTS

EVERETT

Porter H K, 6 Ashland..... Everett 435-M

WIRE DIES AND DRAW PLATES

NEW JERSEY

NEWARK

Kienzle & Hahn, 54 E Kinney..... Market 2249-J

WIRE DRAWING & MACHINE COMPOUNDS, MFRS.

NEW JERSEY

TRENTON

Cosmic Chemical Co Inc, New York av and Mulberry ..... Trenton 1891

WIRE FENCE

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn.. Central 3264

NEW YORK

NEW YORK CITY

Brook A T Fence Co, 37 Barclay..... Barclay 6278

WIRE FENCE, CHAIN LINK NETTING & IRON RAILINGS

CONNECTICUT

HARTFORD

Anchor Post Iron Works, 902 Main ....Charter 248

INDIANA

INDIANAPOLIS

Enterprise Iron Works, 1153 E 24th .....Bell-Woodruff 177 Automatic 41-331

MASSACHUSETTS

BOSTON

Anchor Post Iron Works, 79 Milk ...Fort Hill 2359

NEW YORK

NEW YORK CITY

Anchor Post Iron Works, 165 Broadway.Cortland 4886
Brook A T Fence Co, 37 Barclay.....Barclay 6278

OHIO

CLEVELAND

Anchor Post Iron Works, New Guardian bldg, 627 Euclid av.....Main 5955

PENNSYLVANIA

PHILADELPHIA

Anchor Post Iron Works, Real Estate Trust Co bldg, Broad and Chestnut ..Walnut 4633

WIRE FENCE—WIRE AND IRON

CALIFORNIA

OAKLAND

Cyclone Fence Company, 310, 12th.....Oakland 475
See our Catalog Space, page 953

ILLINOIS

CHICAGO

Cyclone Fence Company, 175 W Jackson.Wabash 2020
See our Catalog Space, page 953
Page Steel & Wire Co, 157 W Jackson.Harrison 1197

WAUKEGAN

Cyclone Fence Company.....Waukegan 170
See our Catalog Space, page 953

MICHIGAN

ADRIAN

Page Steel & Wire Co.....Adrian 116

DETROIT

Cyclone Fence Company, Penobscot bldg..Cherry 5040
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Page Steel & Wire Co, 660 Fort st W.....West 1621

NEW YORK

NEW YORK CITY

Cyclone Fence Company, Woolworth bldg .....Barclay 3595
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Page Steel & Wire Co, 30 Church.....Cortland 3541

OHIO

CLEVELAND

Cyclone Fence Company, 1220 E 55th..Rosedale 3012
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OREGON

PORTLAND

Cyclone Fence Company, 372-74 East Oak..East 7073
See our Catalog Space, page 953

PENNSYLVANIA

MONESSEN

Page Steel & Wire Co, Pittsburgh.....Grant 1694

PHILADELPHIA

Cyclone Fence Company, Stock Exchange bldg .....Locust 3434
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PITTSBURGH

Page Steel & Wire Co, Union Arcade.....Grant 4467

WIRE FORMING

CONNECTICUT

BRIDGEPORT

Hollander Bros Co, cor George and Oak .....Barnum 2515

WIRE FORMING MACHINES

OHIO

CLEVELAND

Kilmer M D & Co, 6001 Quimby av.....Rosedale 4277

WIRE GAUGE BRUSHES FOR DYNAMOS, ETC. (MFRS.)

NEW YORK

NEW YORK CITY

Perfection Supply Co, 98 Park pl.....Barclay 9748

WIRE GLASS

CALIFORNIA

SAN FRANCISCO

Western Glass Co The (L H Butcher Co Agts), Marine bldg.....Kearny 5095

ILLINOIS

STREATOR

Western Glass Co, The, 610 S Vermillion.Streator 479

NEW YORK

NEW YORK CITY

Western Glass Co The, (S Bryan Kneass Agt) 393 Canal .....Canal 3867

WIRE GOODS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026

NEW YORK

NEW YORK CITY

Heitler Kurt, 221, 4th av.....Stuyvsnt 7594

OHIO

CINCINNATI

Bromwell Brush & Wire Goods Co, The, 612 W 6th .....West 1074

HAMILTON

Meyers Fred J Mfg Co The, East Hamilton.Hamilton 119

WIRE GOODS AUTOMATIC MACHINE FORMED

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026

WIRE GOODS & FORMS MNFRD. BY AUTOMATIC MACHINES

NEW YORK

NEW YORK CITY

Atlantic Wire & Metal Mfg Co, 589 Kent av, Bklyn .....Wmsburg 395

WIRE GOODS, HOUSEFURNISHING

ILLINOIS

ROCKFORD

Andrews Wire & Iron Co, 1802 Preston st...Main 347

WIRE GOODS, MANUFACTURED BY AUTOMATIC MACHINES

ILLINOIS

CHICAGO

Barbee Wire and Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026

WIRE GUARDS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026
Chicago Wire Iron & Brass Works The, 2340 Nelson .....Wellington 6676

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688
Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

WIRE GUARDS, RAILINGS, ELEVATOR ENCLOSURES, ETC.

ILLINOIS

CHICAGO

Barbee Wire and Iron Works, 170-172 N Dearborn .....Central 5276
See our Catalog Space, page 1026

MISSOURI

ST LOUIS

Lasar Mfg Co, 1314 N 16th.....Tyler 118

NEW YORK

NEW YORK CITY

American Globe Wire Works, 429 E 15th .....Stuyvesant 2568

OHIO

HAMILTON

Meyers Fred J Mfg Co The, East Hamilton.Hamilton 119

TENNESSEE

CHATTANOOGA

Standard Iron & Wire Works, 512 E 10th...Main 1151

WISCONSIN

MILWAUKEE

Globe Wire & Iron Works, 1013 Atkinson avLincoln 157

WIRE GUARDS, RAILINGS, ENCLOSURES, PARTITIONS, ETC.

GEORGIA

ATLANTA

Southern Wire & Iron Wks, 58-59 Martin..Main 5306

MICHIGAN

DETROIT

Michigan Iron & Wire Works, Sheridan and St Paul avs .....Edgewd 107

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 684 S Newstead av .....Lindell 637

WIRE GUARDS, RAILINGS, ENCLOSURES, WIRE FENCE

OHIO

MANSFIELD

Mansfield Iron & Wire Works, 31 S Adams ..... Mansfield 1613-X

WIRE HANDLES, RINGS AND CLIPS

CONNECTICUT

NEW HAVEN

Wire Novelty Mfg Co The ..... West 25
See our Catalog Space, page 1025

WIRE LAMP SHADE FRAMES

ILLINOIS

CHICAGO

Dalmer T C Mfg Co, (Wire Work of any Description) 156 N State ..... Central 1792

NEW YORK

NEW YORK CITY

American Globe Wire Works, 429 E 15th Stuyvsnt 2568

WISCONSIN

MILWAUKEE

Milwaukee Wire Frame Co, Mfrs Home bldg. Main 2497

WIRE LAMP SHADES

MICHIGAN

DETROIT

Detroit Wire Lamp Shade Co, 26½ Park Place ..... Cherry 1151

WIRE LATH, METAL FURRING & PLASTERERS SUPPLIES

ILLINOIS

CHICAGO

Voss Frederick, 552 W Monroe ..... Main 5333

WIRE-MACHINE & BELT GUARDS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

MICHIGAN

DETROIT

Michigan Iron & Wire Works, Sheridan and St Paul avs ..... Edgewd 107

WIRE MESH OFFICE RAILINGS

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

WIRE NAILS, MNFRS

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn .. Central 3264

WIRE NOVELTIES

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

WIRE NOVELTIES, PLAIN & COVERED WIRE SPRINGS

NEW YORK

NEW YORK CITY

Adams Geo. P, 1286 Madison, Bklyn .. Bushwick 295

WIRE OFFICE RAILINGS

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

City Wire Works Inc (Manufacturers of Bank and Counter Iron Wire Railings, Folding Gates, Guards, Wire Window Screens, Partitions, Skylight Guards, etc) 269 Ave C .... Stuyvesant 316

WIRE PARTITIONS

ILLINOIS

CHICAGO

Aetna Iron & Wire Company, 119-123 N Sheldon ..... Haymarket 1877

WIRE PRODUCTS, PLAIN, GALVANIZED, ANNEALED

ILLINOIS

STERLING

North Western Barb Wire Co, Avenue B and Wallace ..... Main 390

WIRE RESISTANCE & SPECIAL ALLOYS

ILLINOIS

CHICAGO

Hoskins Mfg Co, 10 S LaSalle ..... Franklin 2074

MASSACHUSETTS

BOSTON

Hoskins Mfg Co, Tremont bldg ..... Haymarket 1277

MICHIGAN

DETROIT

Hoskins Mfg Co, 469 Lawton av ..... Walnut 2865

NEW YORK

NEW YORK CITY

Hoskins Mfg Co, Grand Central Terminal Murray Hill 5340

PENNSYLVANIA

PITTSBURGH

Hoskins Mfg Co, Oliver bldg ..... Grant 3279

WIRE, RODS, GALVANIZED EXPORT SHIPMENTS

NEW YORK

NEW YORK CITY

Railway Specialties Corp, 30 Church ... Cortland 3602

WIRE RODS, MNFRS

ILLINOIS

CHICAGO

Interstate Iron & Steel Co, 38 S Dearborn .. Central 3264

WIRE ROPE

ILLINOIS

CHICAGO

Fischer & Hayes Rope Co, 602 W Lake .. Monroe 76

NEW YORK

NEW YORK CITY

International Bureau of Supplies, 135 Broadway ..... Cortland 6997

Williamsport Wire Rope Co ..... Hanover 1081

PENNSYLVANIA

WILLIAMSPORT

Williamsport Wire Rope Co, 33 South. Williamsport 285

WIRE ROPE—ALL KINDS MFRS.

NEW YORK

NEW YORK CITY

Upson-Walten Co of N Y The, 291 Bway. Worth 918

WIRE ROPE CLIPS

OHIO

CLEVELAND

Lamson & Sessions Co The, 2188 Scranton rd ..... Bell-Harvard 2075, Ohio State-Central 3769

WIRE ROPE FITTINGS

MAINE

PORTLAND

Laughlin Thos Co The, 143 Fore ..... Portland 252
..... Portland 253

NEW YORK

NEW YORK CITY

Laughlin Thos Co The, 154 Nassau ..... Beekman 3080

WIRE ROPE MNFRS.

CALIFORNIA

LOS ANGELES

Moon George C Co Inc, 129 West 2d ..... Main 3550

SAN FRANCISCO

Moon George C Co Inc, 149 California .... Sutter 1939

ILLINOIS

CHICAGO

Macomber & Whyte Rope Co, 507-9 S Clinton ..... Harrison 6088

NEW JERSEY

GARWOOD

Moon George C Co Inc ..... Westfield 739

NEW YORK

NEW YORK CITY

Moon George C Co Inc, 124 White ..... Franklin 2894

OHIO

CLEVELAND

Moon Geo C Co Inc, Rockefeller bldg ..... Main 187

OREGON

PORTLAND

Macomber & Whyte Rope Co, Alaska bldg ... Main 6012

WIRE ROPE MNFRS—CONTINUED

PENNSYLVANIA

PITTSBURGH

Macomber & Whyte Rope Co, 422, 1st av..Court 2940

WISCONSIN

KENOSHA

Macomber & Whyte Rope Co, Racine av..Kenosha 1174

WIRE ROPE—NEW

OHIO

CLEVELAND

Moon Geo C Inc, Rockefeller bldg.....Main 187

WIRE ROPE, NEW—USED

NEW YORK

NEW YORK CITY

Brooklyn Paper Mills, 96-98 Jay, Bklyn ..Main 1395
Clark A B Company, 225, 5th av.....Mad Sq 7156

WIRE ROPE PRESERVATIVE

NEW YORK

BUFFALO

Cling Surface Co, 1032-48 Niagara.....North 772

WIRE ROPE, SECOND HAND, ALL SIZES

NEW YORK

NEW YORK CITY

Kane Edward J, 59 Ann.....Beekman 5436

WIRE SHAPES

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688

OHIO

CLEVELAND

Cuyahoga Spring Co The, 16606 Waterloo rd.Eddy 5860

WIRE SIGNS

ILLINOIS

CHICAGO

Klintz A & Co. 905 W Randolph.....Haymarket 1196

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

WIRE SPECIAL DRAWN

MASSACHUSETTS

PALMER

Rathbone A B & J (Also Pinion Rod & Wire) .....Palmer 98-4

WIRE—SPECIAL DRAWN (ALSO PINION ROD & WIRE)

MASSACHUSETTS

PALMER

Rathbone A B & J .....Palmer 98-4

WIRE SPECIALTIES

CONNECTICUT

NEW HAVEN

Eastern Steel Products Company (Wire Straightening and forming, Sheet Metal Stampings, Wire Bale ties our specialty) 1-3 Lawrence .....Colony 1490

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688
Novelty Wire Works, 840 Broadway.....Stuyvsnt 1190

WISCONSIN

RACINE

Racine Iron & Wire Works, Prospect cor Superior .....Racine 1254

WIRE SPECIALTIES (WOOD & WIRE COAT HANGERS)

IOWA

WATERLOO

Novelty Wire Works .....Waterloo 1713

WIRE SPECIALTIES ON AUTOMATIC MACHINES TO ORDER

NEW JERSEY

BLOOMFIELD

Eastern Tool & Mfg Co, Bloomfield av and Erie R R.....Branch Brook 3786

WIRE SPOKES

OHIO

CLEVELAND

National Screw & Tack Co The, Stanton av S E and C & P R R.....Rosedale 5728

WIRE—STITCHING, FOR BOOKBINDERS & BOX MAKERS

ILLINOIS

CHICAGO

Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

WIRE STRAIGHTENED AND CUT

ILLINOIS

STERLING

North Western Barb Wire Co, Avenue B and Wallace .....Main 390

WIRE STRETCHERS—MANUFACTURERS

ILLINOIS

DE KALB

Smith C F Mfg Co, 530 S First.....Main 244

WIRE TYING MACHINERY

CALIFORNIA

SAN FRANCISCO

Gerrard Wire Tying Machines Co (Gerrard Method) 112 Market.....Sutter 6273

ILLINOIS

CHICAGO

Gerrard Wire Tying Machines Co (Gerrard Method) 202 S State .....Harrison 1473

MASSACHUSETTS

BOSTON

Gerrard Wire Tying Machines Co (Gerrard Method) 141 Milk.....Main 529

NEW YORK

NEW YORK CITY

Gerrard Wire Tying Machines Co (Gerrard Method) 77 Warren.....Barclay 8570

PENNSYLVANIA

PHILADELPHIA

Gerrard Wire Tying Machines Co (Gerrard Method) 10 Chestnut.....Lombard 5060

WASHINGTON

SEATTLE

Gerrard Wire Tying Machines Co (Gerrard Method) Hoge bldg.....Elliott 2029

WIRE WHEEL CARRIERS

ILLINOIS

CHICAGO

Simplex Carrier Co, 2245 Cottage Grove avCalumet 4170

WIRE WHEELS

ILLINOIS

CHICAGO

Standard Roller Bearing Co, 2206 S Michigan av .....Calumet 243

INDIANA

INDIANAPOLIS

Standard Roller Bearing Co, Hume-Mansur bldg .....Main 4045

MASSACHUSETTS

BOSTON

Standard Roller Bearing Co, 163 Mass av.Back Bay 3300

MICHIGAN

DETROIT

Standard Roller Bearing Co, 936 Woodward av .....Glendale 4829

PENNSYLVANIA

PHILADELPHIA

Standard Roller Bearing Co, 50th and Lancaster av .....Belmont 550

WIRE WHEELS—AUTOMOBILE

NEW YORK

BUFFALO

Houk Manufacturing Co, 1700 Elmwood av.North 4380

WIRE WINDOW GUARDS

MICHIGAN

DETROIT

Bolles J E Iron & Wire Work, 288 E Milwaukee av .....North 6123

MISSOURI

ST LOUIS

Ludlow-Saylor Wire Co The, 634 S Newstead av ..... Lindell 637

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

WIRE WORK, LIGHT IRON SPECIALTIES

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
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WIRE WORK MNFRS.

CONNECTICUT

HARTFORD

American Wire Works, 31 Kilbourn ..... Charter 7387

WIRE WORK OF ALL KINDS

ILLINOIS

CHICAGO

Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

WIRE WORK—OF ANY DESCRIPTION

MICHIGAN

DETROIT

Fitzel Fence & Wire Wks, 630-32 Meldrum av ..... Ridge 162

WIRE WORK AND ORNAMENTAL IRON WORK

INDIANA

INDIANAPOLIS

entral Wire & Iron Works, 140 E Georgia ..... Bell-Main 5069
Automatic 26-576

MISSOURI

ST LOUIS

ona Mfg Co, 822 S 18th ..... Olive 3433

NEW YORK

BUFFALO

fialo Wire Works Company, 316 Terrace Seneca 4520

NEW YORK CITY

ere Wire & Iron Works, 294-296 Taaffe pl Bklyn ..... Prospect 7688

PENNSYLVANIA

PHILADELPHIA

Falo Wire Works Company, 9-11 S 7th ..... Bell-Market 2630
Keystone-Main 2168
ladelphia Wire & Ornamental Iron Wks, (Wire Window Guards & Elevator Enclosures), 806 S Lawrence ..... Lombard 4058

WIRE WORK—PARTITIONS, RAILINGS, GUARDS

MICHIGAN

DETROIT

Phoenix Wire Works The, 538-552 E Kirby . Ridge 6080

OHIO

CLEVELAND

Denby H J Wire & Iron Co The, 5119 Euclid av ..... Rosedale 4019

WIRE WORKERS

NEW YORK

NEW YORK CITY

American Globe Wire Works, 429 E 15th . Stuyvsnt 2568
Hopkins & Co, 199 Franklin ..... Franklin 3782
Krajci S & P, 227-329 E 34th ..... Murry Hill 1686
Rattey E (Eagle Wire-Brass Works, Est. 1861), 136-8 W 24th ..... Chelsea 782

WIRE WORKS

ILLINOIS

CHICAGO

Guaranty Iron & Wire Co, 2851 W Lake Garfield 7259

MICHIGAN

DETROIT

Schuch Wire Works, 15th and Walnut av . Walnut 975

NEW YORK

NEW YORK CITY

Beere Wire & Iron Works, 294-296 Taaffe pl Bklyn ..... Prospect 7688

WIRE AND IRON WORK

CALIFORNIA

OAKLAND

Cyclone Fence Company, 310 Twelfth ... Oakland 475
See our Catalog Space, page 953

ILLINOIS

CHICAGO

Acorn Wire & Iron Works, 5912-5918 Lowe av ..... Normal 9447
Barbee Wire and Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026
Chicago Wire Iron & Brass Works The, 2340 Nelson ..... Wellington 6676
Cyclone Fence Co, 175 W Jackson bl ..... Wabash 2020
See our Catalog Space, page 953
Page Steel & Wire Co, 175 W Jackson bl . Harrison 1197
Smith F P Wire & Iron Works, 54 W Lake ..... Central 438

WAUKEGAN

Cyclone Fence Company ..... Waukegan 170
See our Catalog Space, page 953

KENTUCKY

LOUISVILLE

Imperial Wire & Iron Works Inc, 24th and Maple ..... Bell-West 499
Home-Shawnee 610

MICHIGAN

ADRIAN

Page Steel & Wire Co, Adrian ..... Adrian 116

DETROIT

Cyclone Fence Company, Penobscot bldg ... Cherry 5040
See our Catalog Space, page 953
Michigan Iron & Wire Works, Sheridan and St Paul ave ..... Edgewd 107
Page Steel & Wire Co, 660 Fort st W ..... West 1621

MISSOURI

ST LOUIS

Lasar Mfg Co, 1314 N 16th ..... Tyler 118

NEW YORK

NEW YORK CITY

Cyclone Fence Company, Woolworth bldg . Barclay 3595
See our Catalog Space, page 953
Page Steel & Wire Co, 30 Church ..... Cortlandt 3541

OHIO

CLEVELAND

Cyclone Fence Company, 1230 East 55th . Rosedale 3012
See our Catalog Space, page 953

OREGON

PORTLAND

Cyclone Fence Company, 372-74 East Oak .... East 7073
See our Catalog Space, page 953

PENNSYLVANIA

MONESSEN

Page Steel & Wire Co ..... Pittsburg-Grant 1694

PHILADELPHIA

Cyclone Fence Company, Stock Exchange bldg ..... Locust 3434
See our Catalog Space, page 953

PITTSBURGH

Page Steel & Wire Co, 644 Union Arcade ... Grant 4467

WIRELESS TELEGRAPH EQUIPMENT

NEW YORK

BUFFALO

Century Telephone Construction Co, 1738 Elmwood av ..... Bell-North 3639
Federal 41-343

NEW YORK CITY

Cardwell Allen D, 251 W 19th st ..... Farragut 2084

WIRING DEVICES

ILLINOIS

CHICAGO

Benjamin Electric Mfg Co, 120-128 S Sangamon ..... Monroe 6161

WOOD CARVERS

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st ..... Canal 3137
See our Catalog Space, page 1026

WOOD (CORD) COAL, CHARCOAL, LUMBER, ETC.

CONNECTICUT

NORWICH

Spalding Company, 11-31 Cove ..... Norwich 1322

WOOD COLUMNS

MICHIGAN

DETROIT

Detroit Column & Mfg Co, Holden av and M C R R ..... North 233

WOOD DEALERS

ILLINOIS

CHICAGO

Hollingshead J D Co (Carlets only), 208 S LaSalle ..... Wabash 242
Illinois Fuel & Mining Co (Bakers Wood Slabs & Kindling), 39 S LaSalle .... Randolph 3321

WOOD ENGRAVINGS

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 19 S Wells.....Main 4103

WOOD FIBRE PAPER CONTAINERS, WATERPROOFED

NEW JERSEY

NEWARK

Mono-Service Company, Verona av and Oraton st .....Branch Brook 4300
See our Catalog Space, page 935

WOOD FINISHING MATERIALS

ILLINOIS

CHICAGO

Franche C E & Co, 440 Orleans.....Main 4251

INDIANA

INDIANAPOLIS

Advance Paint Co, Corner Norwood and California .....Bell-Prospect 1231 Automatic 22-165

WOOD AND FURNITURE NOVELTIES AND TURNINGS

NEW YORK

ROCHESTER

Multikraft Inc, 39-45 State st .....Bell-Main 4537 Home-Stone 8303

WOOD LETTERS

ILLINOIS

CHICAGO

Chicago Sign Board Co, 163 N Morgan...Monroe 1968

WOOD PATTERNS AND MODEL MAKING

CONNECTICUT

NEW HAVEN

Barnum S H Foundry, 20 Whitney av.....Liberty 622

WOOD PRESERVATIVES

NEW YORK

NEW YORK CITY

Barrett Company The, 17 Battery pl.....Rector 600
Du Pont Chemical Works, Equitable bldg 120 Bway .....Rector 5727

WOOD SAWS

ARKANSAS

TEXARKANA

Williams Mill Mfg Co of Arkansas, East Broad and Oak.....Texarkana 832

WOOD SOLE SHOES

NEW JERSEY

CAMDEN

Breen's Wm Sons Co Inc, 238-40 Liberty Camden 1124

WOOD SPLIT PULLEYS

ILLINOIS

CHICAGO

Pyott Pulley Co, 955 Carroll av.....Haymarket 6336

WOOD STAIN COLORS

NEW YORK

NEW YORK CITY

Horgan William J, 6 Platt.....John 1625

WOOD STAINS AND FILLERS

ILLINOIS

CHICAGO

Franche C E & Co, 440 Orleans.....Main 4251

WOOD STOCK & WOOD BENDINGS, AUTOMOBILE & VEHICLE

ILLINOIS

CHICAGO

Hoof John C & Co, 157 W Illinois.....Main 1430

WOOD TURNERS

ILLINOIS

CHICAGO

American Wood Working Co, 4345 Wabansia av .....Belmont 243
Gould S Wood Novelties Mfg Co (Everything in Woodwork at lowest prices) 1208 Jackson bl .....Monroe 2333
LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

MOLINE

Strombeck-Becker Mfg Co, 51st and 4th av.Moline 1475

INDIANA

AUBURN

Auburn Handle Co.....Auburn 174-K

SOUTH BEND

Stephenson Mfg Co, 168 E Tutt.....Bell-Main 201
.....South Bend 201

NEW YORK

NEW YORK CITY

American Wood Working Co, 19 Warren ..Barclay 6162
New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026
Peterson F W Co (Special to order Handles, Knobs, Boxes), 68 Thomas ..Worth 2073
Wood Turning Co (Automatic Turnings and Wood Turning Novelties) 499 Stagg, Bklyn...Stagg 244
Wulkan & Glass Co The (Specialties for wax figures display forms, wooden lamps, all kinds of turnings) 214 W Houston.....Spring 297

WOOD TURNERS (PLAIN AND FANCY WOOD ENAMELING)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

WOOD TURNERS—AUTOMATIC

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

WOOD TURNERS AND NOVELTY WORK

CONNECTICUT

TERRYVLLLE

Allen Charles I .....Bristol 158

NEW YORK

NEW YORK CITY

Pedersen B, 600 Kent av Bklyn.....Wmsburg 1028

WOOD TURNING—NOVELTIES

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

MICHIGAN

DETROIT

Detroit Column & Mfg Co, Holden av and M C R R.....North 233

WOOD TURNINGS (SPECIAL)

ILLINOIS

CHICAGO

Borgeson C E, 4555 Ravenswood av..Ravenswood 9814
LaPierre Henry M Co, 1324 W 21st.....Canal 3137
See our Catalog Space, page 1026

WOOD TURNINGS FOR EVERY PURPOSE

RHODE ISLAND

PAWTUCKET

Narragansett Machine Co, Vale .....Pawt 747

WOOD WORK

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

OHIO

DAYTON

Gebhart-Wuichet Lumber Co The, Wayne av Shawnee and Wyandot...Bell-Main 2675 Ohio State 2328

PENNSYLVANIA

NORTH WALES

Weber O M Co Inc (All Kinds—Millwork, Cabinet Work, Turnings, Aeroplanes, Commercial Motor Bodies, Telephones, Talking Machines, Boats, Etc) North Wales.....North Wales 4
.....Philadelphia-Tioga 2278-J

WOODWORK—INDUSTRIAL

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

WOODWORK—SPECIAL

ILLINOIS

CHICAGO

LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

WOOD WORKERS (SMALL TURNED, SHAPED OR MOLDED PARTS)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

WOOD WORKING MACHINE KNIVES—MNFRS.

MASSACHUSETTS

GARDNER

Gage E E Mfg Co, 301 Main.....Gardner 448-M

LAWRENCE

Bolton John W & Sons Inc (Eagle Knife & Bar Works), 9 Osgood ..... Lawrence 818

OHIO

DAYTON

Simonds A A & Son Co The, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

WOOD WORKING MACHINERY

ILLINOIS

CHICAGO

American Wood Working Machinery Co, 565 W Washington bl .....Franklin 3664
Chicago Machinery Exchange, 1219-27 Washington bl .....Monroe 5188
Illinois Engineering & Machinery Co, 222-224 N Clinton .....Franklin 1008

INDIANA

INDIANAPOLIS

Sinker-Davis Co The, 230-50 S Missouri .....Bell-Main 415 Automatic 23-415
Vonnegut Machinery Co, 43-45 South Meridian .....Bell-Main 257 Automatic 25-312

NEW YORK

NEW YORK CITY

Pyribil Machine Co Inc, 512-524 W 41st..Bryant 1863
Rees & Stindt Machine Works, 534 W 58th .....Columbus 1693

ROCHESTER

American Wood Working Machinery Co, 591 Lyell av .....Genessee 1970

OHIO

CINCINNATI

Bader-Giebel Machine Co The (Sanders), 2116-22 Colerain av .....West 3963
Powsley John T Mfg Co, 1037 Evans.....West 331

HAMILTON

Bentel & Margedant Company The, 4th and Butler .....Hamilton 118

VERMONT

SPRINGFIELD

Fellman & Son (Branch: Fitz-Empire Double Pivot Last Co), (Aero-Plane Struts, Shoe Lasts, Gun Stocks), 22 River .....Springfield 18

WOODWORKING MACHY (SPECIAL MODELS & EXPERIMENTAL)

MASSACHUSETTS

WINCHENDON

Goodspeed Machine Co, 202 Spruce...Winchendon 54-2

WOOD WORKING MACHINERY—NEW AND REBUILT

NEW YORK

NEW YORK CITY

Olney Geo H & Co, 50 Church.....Cortland 3756

WOOD-WORKING MACHINERY NEW AND SECOND HAND

PENNSYLVANIA

PHILADELPHIA

Seyfert's L F Sons Inc, 437 N 3d....Bell-Market 2966
.....Keystone-Main 1487
Toomey Frank Inc, 127-31 N 3d.....Market 261

WOOD WORKING MACHINERY REBUILDERS

ILLINOIS

CHICAGO

Illinois Engineering & Machinery Co, 222-224 N Clinton .....Franklin 1008

WOODEN SPECIALTIES (MFG. OF)

NEW YORK

NEW YORK CITY

New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

WOODEN TANK MNFRS.

ILLINOIS

CHICAGO

Eagle Tank Co, 2426-2456 N Crawford av. Albany 6250
Johnson & Carlson, 848 Eastman.....Lincoln 782

WOODENWARE

ILLINOIS

CHICAGO

Borgeson C E, 4555 Ravenswood av..Ravenswood 9814

NEW YORK

NEW YORK CITY

Heitler Kurt, 221, 4th av.....Stuyvsnt 7594

WOODENWARE MFRS. (ROLLING PINS, LADLES, SPOONS, ETC.)

NEW YORK

NEW YORK CITY

Estes E B & Sons, 362, 5th av.....Greeley 4820

WOODENWARE MOUSE & RAT TRAPS

IOWA

DUBUQUE

Dubuque Mfg Co .....Dubuque 3328

WOOL

MASSACHUSETTS

BOSTON

Mauger & Avery, 256 Summer.....Main 5863
Schwerdt Eug, 184 Summer.....Main 7324

NEW YORK

NEW YORK CITY

Schwerdt Eug, 79 Wall ..... Hanover 6184

WOOL DEALERS

WEST VIRGINIA

WHEELING

Horkheimer Bros, 16th and Main.....Wheeling 304

WOOL DYES

NEW YORK

NEW YORK CITY

Sparks John C, 30 Church.....Cortland 1489

WOOL—HAND KNITTING

NEW YORK

NEW YORK CITY

Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Broadway.Franklin 3740

WOOL WASTE

NEW YORK

NEW YORK CITY

Ellice John Co The, 189 Washington....Cortland 3463

WOOLEN RAGS

MASSACHUSETTS

CHELSEA

Glaser I & Co, 175 Spruce.....Chelsea 1009
Resnick & Lewitzky, 252-256 Third.....Chelsea 1395
Rubin H & Co, 196-200 Third.....Chelsea 1499
Rubin M & Co, 85 Vale.....Chelsea 710
Salter M & Sons, 67 Spruce.....Chelsea 219
Torf M & Co, 261 Williams.....Chelsea 1047
Yoffe M & Sons, 171 Spruce.....Chelsea 501

WOOLEN SHODDIES, MNFRS EVERY DESCRIPTION

NEW YORK

DRYDEN

Atlantic Woolen Mills, West Main.....Dryden 21

NEW YORK CITY

Atlantic Woolen Mills, 527 Broome.....Spring 113

WOOLEN AND WORSTED MANUFACTURERS

ILLINOIS

CHICAGO

Hanover Woolen Mnfg Co (S Stein & Co. Agts), North American bldg.....Central 4048

NEW JERSEY

BLOOMFIELD

Oakes Thomas & Co, 225 Belleville av. Bloomfield 1300

NEW YORK

NEW YORK CITY

Hanover Woolen Mnfg Co, 215 Fourth av .....Stuyvesant 3278
Oakes Thomas & Co, 41 Union Square..Stuyvesant 1441

WOOLENS

NEW YORK

NEW YORK CITY

Arnstaedt & Company, 104 E 25th.....Mad Sq 4873
Bachmann L & Co, 257-265 Fourth av...Gramercy 1240

WOOLENS, MNFRS.

NEW HAMPSHIRE

ROCHESTER

Rochester Woolen Co.....Rochester 225

WOOLENS, UNIFORM CLOTHS

NEW YORK

NEW YORK CITY

Dusenbury Louis & Co Inc, 229, 4th av.Stuyvsnt 7498

WOOLS, HIDES AND FURS

MISSOURI

ST LOUIS

Parker & Block, 4 and 6 S' Main Bell-Olive 1617
.....Kinloch-Central 4405
See our Catalog Space, page 958

WORKING BARRELS CAST IRON

PENNSYLVANIA

FRANKLIN

Producers Supply Co, 1 Thirteenth st..Franklin 495-J

WORKING MEN'S CLOTHING MANUFACTURERS

INDIANA

TERRE HAUTE

Frank Samuel & Sons, 315-325 North Bell-Main 586
14th .....Independent 3035-L

WORSTED YARN—HAND KNITTING WOOL, MERINO

NEW YORK

NEW YORK CITY

Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Broadway..Franklin 3740

WORSTEDS

NEW YORK

NEW YORK CITY

Hird Samuel & Sons Inc, 257, 4th av...Gramercy 846

WOVEN WIRE BRUSHES FOR DYNAMOS, ETC. (MFRS.)

NEW YORK

NEW YORK CITY

Perfection Supply Co, 98 Park pl.....Barclay 9748

WRAPPING MACHINES, CATALOG, NEWSPAPER & MAGAZINE

MASSACHUSETTS

FITCHBURG

Nielsen Mailing Machine Co, Willow....Fitchburg 2176

WRAPPING AND PACKING MACHINES

NEW YORK

NEW YORK CITY

Escobales H Co, 64-66 Murray.....Barclay 6884
See our Catalog Space, page 1026

WRAPPING PAPER

ILLINOIS

CHICAGO

Brown Company (Nibroc Kraft), 110
S Dearborn .....Central 6494

MAINE

PORTLAND

Brown Company (Nibroc Kraft), 404
Commercial .....Portland 1228

NEW YORK

NEW YORK CITY

Brown Company (Nibroc Kraft), Woolworth bldg .....Barclay 6185

WRECKERS

ILLINOIS

CHICAGO

Bosley Bros Inc, Robey and Carroll av....Seeley 4325
Carr Bros Wrecking Co, 3039 S Halsted...Yards 1294
Gillette Lumber & Wrecking Co, 4824 S
Halsted .....Yards 74
Miller Wm M, 1116 W Lake.....Monroe 422

NEW YORK

NEW YORK CITY

Merritt & Chapman Derrick & Wrecking
Co, 17 Battery pl .....Rector 820

OHIO

CINCINNATI

Bishop Wrecking Co, 1105 Gilbert av.....Canal 371
Western Wrecking and Construction Co The
1035-57 Hopkins .....West 4535
See our Catalog Space, page 1029
Worlds Fair Wrecking Co, Richmond and
Horne .....West 686

CLEVELAND

Berko M Wrecking & Lumber Co, Bell-Rosedale 5983
2718 E 40th .....Ohio State-Central 881
Cuyahoga House Wrecking Co The, Bell-Rosedale 144
6311 Kinsman rd.....Ohio State-Central 3422-K
Ohio House Wrecking Co, 2724 E Bell-Rosedale 715-J
40th .....Ohio State-Central 8085-L
Ontario Wrecking & Construction Co Bell-Prospect 2180
The, 1448 Orange av....Ohio State-Central 118-L

TOLEDO

Ohio Wrecking Co The, 3500-3516 Bell-Main 2388
Summit av .....Ohio State-Main 2017

WRECKERS—BUILDING WRECKERS

RHODE ISLAND

PROVIDENCE

Hogan Thos P & Co, 127 Globe.....Union 1869

WRECKERS & DIVERS

NEW YORK

NEW YORK CITY

Interocean Submarine Engineering Company
Inc, 120 Broadway .....Rector 3467

WRECKERS, DIVERS, TOW BOATS, LIGHTERAGE

MASSACHUSETTS

BOSTON

Scott T A Inc The, 400 Border.....East Boston 830

WRECKERS—IRON & STEEL PLANTS, BOILERS, MACHINERY

ILLINOIS

CHICAGO

Calumet Iron & Metal Co, 4022 S Wells...Drover 6395

NEW YORK

NEW YORK CITY

Leaf E B Co, 50 Church.....Cortland 2656
Sterling Iron & Steel Co, 943 Courtlandt av.Melrose 2403

ROCHESTER

Wilson Wm H Iron Works, 31-57 Industrial.Main 5131
See our Catalog Space, page 976

PENNSYLVANIA

PHILADELPHIA

Hitner's Henry A Sons Co, Aramingo av
and Huntingdon .....Kensington 5434

WRECKING AND SALVAGE

ILLINOIS

CHICAGO

Miller Wm M, 1116 W Lake.....Monroe 422

OHIO

COLUMBUS

Topper Bros, 260 Kimball.....Bell-Main 7728
.....Ohio State 6376

WRENCHES

CALIFORNIA

LOS ANGELES

Walden-Worcester Inc (C N & F W
Jonas), Equitable Savings Manual-Broadway 7859
Bank bldg .....Automatic A-3592

SAN FRANCISCO

Walden-Worcester Inc, (C N & F W Jonas),
111 New Montgomery.....Kearny 5237

GEORGIA

ATLANTA

Walden-Worcester Inc, (J E Colley), Healey
bldg .....Ivy 6117

ILLINOIS

CHICAGO

Cochran Pipe Wrench Mfg Co, 7544 S
Chicago av .....Hyde Park 6509
Walden-Worcester Inc, (C N & F W Jonas),
Transportation bldg .....Wabash 8429

MASSACHUSETTS

BOSTON

Walden-Worcester Inc, (Ray Cavanaugh),
833 Boylston .....Back Bay 3169

WORCESTER

Walden-Worcester Inc, 72 Commercial.....Park 1159

NEW YORK

NEW YORK CITY

Walden-Worcester Inc, (J H Faw Inc), 41
Warren .....Barclay 5057

WASHINGTON

SEATTLE

Walden-Worcester Inc, (C N & F W Jonas),
Pioneer bldg .....Elliott 766

WRENCHES (MANUFACTURERS)

OHIO

CLEVELAND

Lamson & Sessions Co The, 2188 Bell-Harvard 2073
Scranton rd .....Ohio State-Central 3769

WRENCHES—ALL KINDS

NEW YORK

NEW YORK CITY

Scott J W Hardware Co, 30 Warren ....Barclay 6313

WRENCHES—RATCHET

ILLINOIS

CHICAGO

Lane Will B, 180 N Dearborn.....Central 8712

WRENCHES, REVERSIBLE RATCHET

MASSACHUSETTS

WORCESTER

Lowell Wrench Co, 54 Commercial.....Park 4396

WRENCHES (MANUFACTURERS) SCREW AND DROP FORGE

ILLINOIS

CHICAGO

Whitman & Barnes Mfg Co The (J C Scanlon, Agt), 565 Washington.....Franklin 2210

MICHIGAN

DETROIT

Whitman & Barnes Mfg Co The (C D Eno, Agt), 60 Moore pl.....Walnut 2631-M

NEW YORK

NEW YORK CITY

Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade.....Worth 3270

OHIO

AKRON

Whitman & Barnes Mfg Co The, 114 East Buchtel av.....Bell-Main 5080 Ohio State 2148

PENNSYLVANIA

PITTSBURGH

Whitman & Barnes Mfg Co The (R S Carter, Rep), 416 Eight Oakmont..Oakmont 161

WRITING INKS, MUCILAGE AND PASTE

NEW JERSEY

NEWARK

Pomeroy Ink Manufacturing Co, 55-57 East Park.....Market 5690

WRITING PAPERS AND PAPETERIES

NEW YORK

NEW YORK CITY

Veyand Charles E & Co Inc, 22-24-26 Howard.....Canal 8612

WROUGHT IRON AND STEEL PIPE TUBING AND CASING

PENNSYLVANIA

PITTSBURGH

ster-Songer Co, Park bldg.....Grant 5935

-RAY APPARATUS

ILLINOIS

CHICAGO

ppler Electric Co Inc, 1871 Ogden av....West 2766

NEW YORK

NEW YORK CITY

Kny-Scheerer Corporation The, 404-410 W 27th.....Chelsea 5449

X-RAY & ELECTRO-THERAPEUTIC APPARATUS

ILLINOIS

CHICAGO

Bleadon Dun Co, 11-17 S Desplaines.Haymarket 1449

OHIO

CINCINNATI

Liebel-Flarshein Co The, 2805 Vine.....Avon 4829

X-RAY PLATES, FILMS, BARIUM AND ACCESSORIES

ILLINOIS

CHICAGO

Brady Geo W & Co, 809-11 S Western av..Seeley 2550

X-RAY TUBES—ELECTRODES AND ACCESSORIES

ILLINOIS

CHICAGO

Kesselring X-Ray Tube Co, 640 W Lake..Monroe 4600
Machlett E & Son (E O Ries), 1822 W Harrison.....Seeley 3208

YACHTS—BOUGHT, SOLD AND CHARTERED

NEW YORK

NEW YORK CITY

Ford G W Yacht Agency, 30 E 42d cor Madison av.....Murray Hill 3558

YARN DRESSING MACHINERY

RHODE ISLAND

PROVIDENCE

Franklin Machine Co, 189 Charles.....Union 963

YARN DYERS

RHODE ISLAND

PROVIDENCE

Providence Dye Works (Specialties-Sulphur, Olive, Drab and Black), 291 Thurbers av.Broad 4222

YARNS

NEW YORK

NEW YORK CITY

Brodsky M & Co, Inc, 625 Broadway.....Spring 6624
Textile Yarn Agency Inc (Cotton, Woolen, Worsted, Zephyr Knitting Yarns), 435-437 Broadway, Brooklyn.....Stagg 4271

YARNS, COTTON

MARYLAND

BALTIMORE

Hooper Wm E & Sons Co, 3502 Parkdale av.....Madison 570

YARNS, COTTON AND ARTIFICIAL SILK

NEW YORK

NEW YORK CITY

Gordon T 113-115 Spring.....Spring 2151

YARNS, HAND KNITTING & ART NEEDLE WORK

NEW YORK

NEW YORK CITY

Bond E P & Co, 13-15 E 22d.....Gramrcy 2143

YARNS—HAND KNITTING WOOL WORSTED

NEW YORK

NEW YORK CITY

Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Broadway..Franklin 3740

YARNS—HAND KNITTING WORSTED

NEW YORK

NEW YORK CITY

Bee-Ell Trading Co Inc, Bway and 34th...Greeley 2242

YARNS—LATH AND FODDER (MANUFACTURERS)

NEW YORK

NEW YORK CITY

Disbrow Cordage Co, 149 Church.....Barclay 5868

YARNS—WOOLEN

PENNSYLVANIA

PHILADELPHIA

Ring's Mark D Son & Co, 3d and Somerset.....Kensington 1556

YARNS, WOOLEN & MERINO MNFRS.

PENNSYLVANIA

PHILADELPHIA

Ring Jonathan & Son Inc, Hancock & Montgomery av.....Bell-Kensington 685 Keystone-Park 97

YEAST, COMPRESSED FOR BAKER'S USE

DISTRICT OF COLUMBIA

WASHINGTON

Corby Co Inc, Langdon Station.....Lincoln 1706

YEAST MANUFACTURERS

ILLINOIS

CHICAGO

Callahan A P & Company, 2400 S LaSalle.....Calumet 410

ZINC

ILLINOIS

PERU

Illinois Zinc Co .....Main 15
See our Catalog Space, page 1027

NEW YORK

NEW YORK CITY

Wenger Paul & Co, 100 Broadway.....Rector 5083

ZINC, COPPER AND BRASS, PERFORATED

NEW JERSEY

GARWOOD

Beckley Perforating Co, 200 North av...Westfield 737

ZINC DROSS AND SKIMMINGS

ILLINOIS

CHICAGO

Loraine Smelting & Refining Co
25 N Dearborn .....Central 4668

ZINC ETCHERS

ILLINOIS

CHICAGO

Barnett Jos H & Co, 508 S Dearborn....Harrison 1389

ZINC ETCHINGS

ILLINOIS

CHICAGO

Hawtin Engraving Co The, 19 S Wells.....Main 4103

ZINC—OXIDE

NEW JERSEY

TRENTON

Fulper Edward B, American Mechanic bldg.Trenton 915

ZINC—PRODUCERS OF SPELTER & SHEETS

OHIO

WARREN

American Zinc Products Co, Western
Reserve bldg .....Warren 2340

ZINC—SHEET, INGOT & SCRAP

ILLINOIS

CHICAGO

Metal Products Co, 100 South Jefferson.Haymarket 7166

ZINC SHEETS

INDIANA

MUNCIE

Ball Bros Mfg Co, 9th & Macedonia av....Muncie 2206

NEW YORK

NEW YORK CITY

Pope Trading Corp Inc, 90 West.....Rector 2436

ZINC—SHEETS AND RIBBONS IN COILS

ILLINOIS

LASALLE

Mathiessen & Hegeler Zinc Co, 9th &
Sterling .....Lasalle 8

ZINC SHEETS AND ZINC PRODUCTS FOR ALL PURPOSES

MISSOURI

ST LOUIS

Heimbuecher Jno H Metals Co, 514 N Bell-Main 1037
Third .....Kinloch Central 2382

ZINC SULPHATE

PENNSYLVANIA

PITTSBURGH

Hachmeister-Lind Chemical Co, 2332
Forbes .....Schenly 4896

"Geographical Section"

Section Two

Here are Geographically listed the concerns represented in the Business Section.

They are here classified first, by state, second, by city or town in the state, and third, alphabetically by materials, products and services. You may find the city or town, name, address and telephone number (with both Bell and Independent telephones indicated) of each concern able to quickly supply your needs for immediate delivery to any local job, local branch office or local customer by using this section.

If you want to save transportation delays—freight expense on less than carload lots or express charges and get immediate delivery—consult this section.

For instance—

If you wish to get quick action in the delivery of Paper Boxes for your customer in Chicago—find the classification "Illinois" in black face type. Under "Illinois" you will find Chicago (alphabetically arranged) and under Chicago locate the heading, "Paper Boxes."

Beneath it will be the names, addresses and telephone numbers of those representative concerns which can and will be glad to serve you promptly.

Donnelley's National Classified Telephone Directory and Buyers' Guide

UNITED STATES
SCALE
Statute Miles, 280 = 1 Inch.
0 25 50 100 200 300 400 500
Rand McNally's New 11 x 14 Map of United States.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
GULF OF MEXICO
ATLANTIC OCEAN
PACIFIC OCEAN
Mouths of the Mississippi River
Llano Estacado or Staked Plain
Lake Winnipegosis
Lake Winnipeg
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake Mistassini
Gulf of St. Lawrence
Montreal
Ottawa
Quebec
Toronto
Buffalo
Detroit
Cleveland
Chicago
Milwaukee
Minneapolis
St. Paul
Duluth
Omaha
Council Bluffs
Kansas City
St. Louis
New Orleans
Galveston
Houston
San Antonio
El Paso
Los Angeles
San Francisco
Portland
Seattle
Boston
New York
Philadelphia
Baltimore
Washington
Norfolk
Charleston
Savannah
Jacksonville
Tampa
Key West
Havana
Cuba
Bahama Islands
Great Abaco
Andros Islands
Florida Keys
Straits of Florida
Dry Tortugas
Florida Bay
Lake Okeechobee
The Everglades
Ten Thousand Islands
Tampa Bay
St. Petersburg
Cedar Key
Pensacola
Mobile
Galveston
Corpus Christi
Brownsville
Matamoros
Monterey
Saltillo
Durango
Torreon
Chihuahua
Victoria
Tampico
Veracruz
Mexico City
Guadalajara
Mazatlan
Guaymas
Hermosillo
Nogales
Tucson
Phoenix
Yuma
San Diego
Los Angeles
San Francisco
Portland
Seattle
Vancouver
Victoria
Winnipeg
Regina
Saskatoon
Calgary
Edmonton
Medicine Hat
Prince Rupert
Vancouver
Victoria
Quebec
Montreal
Ottawa
Toronto
Halifax
St. John
Charlottetown
Fredericton
Quebec
Montreal
Ottawa

SECTION TWO

ARRANGED ACCORDING TO

STATE, CITY AND BUSINESS

BUSINESS CLASSIFICATIONS OF EACH LOCALITY WILL BE FOUND PROPERLY INDEXED UNDER CITY AND STATE

CLASSIFICATIONS IN FOREIGN COUNTRIES ARE AT THE END OF THIS SECTION

ALABAMA

ANNISTON

Cast Iron Pipe.

entral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

Castings, Gray Iron.

entral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

Floor Drains.

ntral Foundry Company The, "Lynn" 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

Foundries.

ntral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

as Mains.

ntral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

anhole Frames & Covers.

tral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

arine Castings.

ral Foundry Company The, 10th and Montrose .....Anniston 58
See our Advertisement Outside Back Cover

il Pipe.

ral Foundry Company The, 10th nd Montrose .....Anniston 58
See our Advertisement Outside Back Cover

iversal Cast Iron Pipe.

al Foundry Company The, 10th nd Montrose .....Anniston 58
See our Advertisement Outside Back Cover

lve Boxes.

al Foundry Company The, 10th d Montrose .....Anniston 58
See our Advertisement Outside Back Cover

ter Mains.

l Foundry Company The, 10th d Montrose .....Anniston 58
See our Advertisement Outside Back Cover

BESSEMER

Cast Iron Pipe.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Castings, Gray Iron.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Floor Drains.

Central Foundry Company The, "Lynn" 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Foundries.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Gas Mains.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Manhole Frames & Covers.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Marine Castings.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Soil Pipe.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Universal Cast Iron Pipe.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Valve Boxes.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

Water Mains.

Central Foundry Company The, 730, 22nd .....Bessemer 44
See our Advertisement Outside Back Cover

BIRMINGHAM

Addressing Machines.

Stickney & Montague, Direx-all (Roberts & Son) 1810, 3d av N.....Main 8461

Advertising Agencies.

Sparrow Advertising Agency, American Trust bldg .....Main 6801

Autographic Registers and Roll Printed Stationery.

Hamilton Autographic Register Co. (C S Milam, Dist Mgr) Chamber of Commerce bldg....Main 1301

Automobile Oils.

Indian Refining Co, (Havoline Oil), 3202 Avenue E So.....Main 1147
See our Catalog Space, page 917

Belting.

Alexander Bros Leather Belting (Perry Supply Co) 18 S 20th.....Main 5292

Blast Furnaces Construction & Dismantling.

Crawford-Vaughan Boiler & Locomotive Works, 1405 Av E South.....Main 6164

Blasting Supplies and Explosives.

Du Pont de Nemours E I & Company, Brown-Marx bldg .....Main 5641

Boiler Compound.

Bird-Archer Co The, (National Supply Co Southern Representatives) Av C & 22d...Main 4117

Cars, Freight & Passenger.

Donahoo J F Co, Jefferson Co, Bank bldg...Main 1740

Castings, Acid Resisting & Grey Iron.

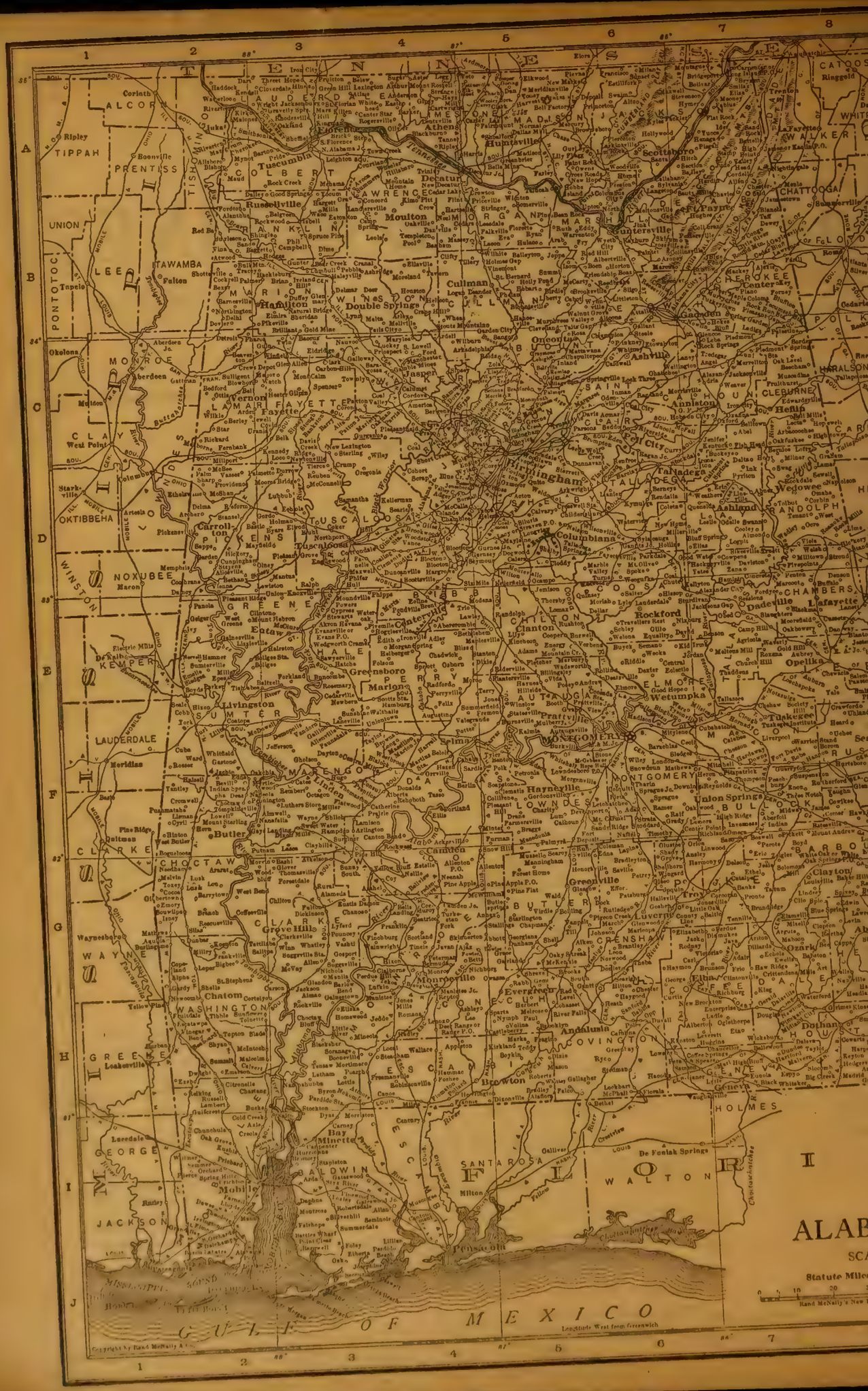
United States Cast Iron Pipe & Foundry Co, 1st av & 20th.....Main 3738

Castings, Brass, Bronze, Copper & Aluminum.

Anderson G L Brass Works Inc, 9th av & 39th st .....Main 882

Cement, Portland Manufacturers.

Standard Portland Cement Co, Brown-Marx bldg .....Main 4436


ALABAMA
SCALE
Statute Miles, 39.8 = 1 Inch.
Rand McNally's New 11 x 14 Map of Alabama.
Longitude West from Greenwich
GULF OF MEXICO
Birmingham
Mobile
Montgomery
Huntsville
Tuscaloosa
Selma
Anniston
Gadsden
Decatur
Opelika
Eufaula
Dothan
Ozark
Troy
Greenville
Andalusia
Evergreen
Brewton
Pensacola
Milton
Scottsboro
Ashland
Talladega
Wetumpka
Union Springs
Tuskegee
Seale
Clayton
Abbeville
Ashville
Heflin
Wedowee
Carrollton
Columbiana
Rockford
Clanton
Greensboro
Marion
Livingston
Butler
Grove Hill
Chatom
Mobile
Jackson
Bay Minette
Fort Gaines
Eufaula
Ft. Payne
Cullman
Jasper
Double Springs
Moulton
Russellville
Tuscumbia
Florence
Corinth
Ripley
Boonville
Iuka
Athens
Decatur
Gadsden
Anniston
Talladega
Selma
Montgomery
Mobile
Pensacola
Milton
Andalusia
Troy
Dothan
Ozark
Abbeville
Clayton
Tuskegee
Opelika
Eufaula
Wetumpka
Union Springs
Greenville
Evergreen
Brewton
Scottsboro
Huntsville
Birmingham
Tuscaloosa

ALABAMA

Land area		51,279
Water area		719
Population	(Estimated)	2,348,273
White	(U. S. Census 1910)	1,228,832
Negro		908,282
All others		979
Foreign-born white		18,956
Native white		1,209,876
Male		614,065
Female		595,811

INDEX TO PRINCIPAL CITIES

(See map, opposite page.)

Population—Thousands

1	Abbeville	G	8
1	Adger	D	4
4	Alabama City	B	7
2	Albertville	B	6
2	Alexander City	E	7
1	Altoona	B	6
2	Andalusia	H	5
14	Anniston	C	7
1	Ashland	D	7
2	Athens	A	4
1	Atmore	H	3
3	Attalla	B	6
1	Auburn	E	8
4	Avondale	D	5
17	Bessemer	D	4
182	Birmingham	D	5
4	Blocton	D	4
2	Blossburg	C	4
1	Boaz	B	6
2	Brewton	H	4
2	Bridgeport	A	7
1	Brierfield	E	5
2	Brookwood	D	4
2	Carbon Hill	C	3
1	Clanton	E	5
1	Clayton	G	8
1	Columbia	H	8
1	Columbiana	D	5
2	Cordova	C	4
1	Corona	C	3
2	Cullman	B	4
1	Dadeville	E	7
4	Decatur	A	4
2	Demopolis	F	3
7	Dothan	H	8
1	Elba	H	6
8	Ensley	D	4
2	Enterprise	H	7
4	Eufaula	G	8
1	Eutaw	E	[illegible]
2	Evergreen	H	5
2	Florala	H	[illegible]
7	Florence	A	[illegible]
1	Fort Wayne	B	7
15	Gadsden	B	7
1	Geneva	H	7
[illegible]	Georgiana	G	5
4	Girard	F	8
2	Greensboro	E	3
3	Greenville	G	5
1	Guntersville	B	6
1	Haleyville	B	3
1	Hartford	H	7
1	Hartsells	B	4
1	Headland	H	8
8	Huntsville	A	5
1	Ironaton	D	7
1	Jackson	H	3
2	Jacksonville	C	7
3	Jasper	C	[illegible]
2	Jonesboro	D	4
2	Lafayette	E	[illegible]
4	Lanett	E	7
1	Lineville	D	7
1	Luverne	G	6
2	Marion	H	4
58	Mobile	I	2
43	Montgomery	F	5
6	New Decatur	A	4
1	Oakman	C	4
5	Opelika	E	8
1	Oxford	C	7
2	Ozark	G	7
5	Phoenix	F	8
2	Piedmont	C	7
4	Pratt City	C	5
2	Prattville	F	5
2	Roanoke	D	8
2	Russellville	B	3
1	Samson	H	6
1	Scottsboro	A	6
16	Selma	F	4
5	Sheffield	A	3
1	Shelby	D	5
1	Sylacauga	D	6
6	Talladega	D	6
1	Tallassee	E	7
1	Thomasville	G	3
5	Troy	G	6
11	Tuscaloosa	D	3
3	Tuscumbia	A	3
3	Tuskegee	F	7
4	Union Springs	F	7
2	Uniontown	F	3
1	Vincent	D	6
1	Wetumpka	E	6
2	Wylam	D	4

Population—Hundreds

7	Bay Minette	I	3
8	Brantley	G	6
8	Brundidge	G	7
8	Calera	D	5
9	Camp Hill	E	7
7	Centerville	E	4
9	Citronelle	H	2
7	Coal City	C	6
7	Collinsville	B	7
9	Cottondale	D	3
7	Cuba	F	2
9	Dora	C	4
9	Fort Deposit	G	5
7	Good Water	D	7
7	Gordo	D	2
8	Gurley	A	6
8	Heflin	C	7
7	Hollins	D	6
8	Hurtsboro	F	8
8	Leeds	C	5
9	Livingston	E	2
8	McFall	C	6
9	Montevallo	D	5
9	Opp	H	6
8	River Falls	H	5
9	Rogersville	A	4
7	Sanford	H	6
9	Slocomb	H	8
8	Stockton	I	3
8	Trussville	C	5
7	Warrior	C	5
9	West Blocton	D	4
9	Wilsonville	D	6
7	York	E	2

BIRMINGHAM—cont'd

'hain Manufacturers.
frey Mfg Co The, Brown-Marx bldg.....Main 4945

'hemists—Analytical and Consulting.
ard Laboratories The, 1911 First av.....Main 3908

himney Builders Radial Brick and Concrete.
t Engineering Co The, Woodward bldg..Main 396

oal Mining Machinery.
rey Mfg Co The, Brown-Marx bldg.....Main 4945

ollections and Commercial Law.
s Agency The, Title Guarantee bldg.....Main 4203

lumns, Cast Iron, Building.
d States Cast Iron Pipe & Foundry
o, 1st av & 20th.....Main 3738

Conveying, Elevating & Power Transmissn Machy.
Jeffrey Mfg Co The, Brown-Marx bldg.....Main 4945

Coupon Books, Mnfrs. of Every Description.
Southern Coupon Company, 1813-19 av D...Main 4231

Cranes (Electric).
Shepard Electric Crane & Hoist Co, Brown-Marx bldg.....Main 108
See our Catalog Space, pages 937 and 959.

Crushing & Pulverizing Machinery.
Jeffrey Mfg Co The, Brown-Marx bldg.....Main 4945

Culverts—Cast Iron.
United States Cast Iron Pipe & Foundry Co, 1st av & 20th.....Main 3738

Dental Manufacturers—Burs, Broaches, Etc
Birmingham Dental Manufacturing Co, 119 E 59th .....Woodlawn 772

Detective Agencies.
Bodeker's National Detective Agency, Brown-Marx bldg.....Main 2241
Burns, Wm J, International Detective Agency, The Inc, Brown-Marx bldg.....Main 3869
See our Catalog Space, page 938

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, Brown-Marx bldg.....Main 5641

Engineers, Mechanical and Industrial.
Van Keuren E B, BSc, ME, Jefferson County Bank bldg.....Main 3433

Equipment, Contractors.
Donahoo J F Co, Jefferson Co Bank bldg....Main 1740

Equipment, Railway.
Donahoo J F Co, Jefferson Co Bank bldg....Main 1740

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Brown-Marx bldg.....Main 5641

Filing Cabinets, Supplies and Office Furniture.
Roberts & Son, Manufacturing Stationers, 1810-1812, 3d av N.....Main 8461

Fire Brick, Silica, Magnesite & Chrome.
Harbison-Walker Refractories Co, Brown-Marx bldg. .....Main 7068

Fittings, Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 1st av & 20th.....Main 3738

Forgings.
American Forgings Co (Turnbuckles, Knucklepins, Special Forgings) 27th av & 24th st....Main 7214

Grate Bars, Elliptic Wiggling, Shaking & Dumping.
Thomas Grate Bar Co, P O Box 920 .....Woodlawn 271-J

Hoists (Electric).
Shepard Electric Crane & Hoist Co, Brown-Marx bldg .....Main 108
See our Catalog Space, pages 937 and 959

Hydraulic Pumps.
Donahoo J F Co, Jefferson Co Bank bldg.... Main 1740

Leather Belting.
Alexander Bros Leather Belting (Perry Supply Co), 18 S 20th.....Main 5292

Lithographers, Printers, Stationers & Engravers.
Roberts & Son, Manufacturing Stationers, 1810-1812, 3d av N.....Main 8461

Lockers, Steel.
Medart Fred Mfg Co, (C S Caldwell, Rep), 313 N 20th .....Main 3186

Locomotive Cranes.
Donahoo J F Co, Jefferson Co Bank bldg....Main 1740

Locomotives, Electric, Steam & Fuel Oil.
Donahoo J F Co, Jefferson Co Bank bldg....Main 1740

Lumber, Yellow Pine, Mnfrs.
Lathrop Lumber Co, Jefferson Co Bank bldg. .....Main 664

Machy, All Kinds, New & 2d Hand—Boilers, Engines.
Lehman Chas T, 1921-23 Powell av.....Main 1123

Machinery, Coal Washing, Handling & Preparing.
Montgomery Coal Washing & Mfg Co, 3d av N cor 12th.....Main 3119

Machinery, Electrical.
Donahoo J F Co, Jefferson Co Bank bldg...Main 1740

Machinery, Mining Plants Complete.
Donahoo J F Co, Jefferson Co Bank bldg...Main 1740

Machinery Repairing and Special Manufactured.
Steward-Hilty Machine Co, 1100, 1st av....Main 878

Mattresses & Springs.
Perfection Mattress & Spring Co, 831 N 24th .....Main 7383

Mill, Mine & Electrical Supplies.
Moore-Handley Hardware Co, Ave A.....Main 7741

Mosquito Canopies & Nets.
Acme Co, 312-314 N 24th.....Main 4499

Motor Trucks, Freight and Passenger.
Donahoo J F Co, Jefferson Co Bank bldg...Main 1740

Multigraph Letters, That are Read.
Sanford Mary S, Brown-Marx bldg.....Main 1339

Office Furniture, Desks, Chairs, Filing Cabnts, Supls.
Roberts & Son, Manufacturing Stationers, 1810-1812, 3d av N.....Main 8461

Paper Bag Manufacturers.
Advance Bag Co The, (Birmingham Paper Company), 2101 Ave E.....Main 273

Pipe (Cast Iron, B & S, Flange, Flexible Joint).
United States Cast Iron Pipe & Foundry Co, 1st av & 20th.....Main 3738

BIRMINGHAM—cont'd

Powder and Blasting Supplies.

Du Pont de Nemours E I & Company, Brown-Marx bldg.....Main 5641

Printers (Book & Job) and Binders.

Roberts & Son, Manufacturing Stationers, 1810-1812, 3d av N.....Main 8461

Public Stenographers, Multigraph Letters.

Sanford Mary S, Brown-Marx bldg.....Main 1339

Railroad Frogs, Switches & Crossings.

Kilby Frog & Switch Co, P O Box 914.....Main 7122

Real Estate.

Jemison Real Estate & Insurance Co, 211 North 20th.....Main 5280

Sheet Metals, Plate & Construction Work.

Crawford-Vaughan Boiler & Locomotive Works, 1405 Av E South.....Main 6164

Stacks and Breechings, Smoke.

Crawford-Vaughan Boiler & Locomotive Works, 1405 Av E South.....Main 6164

Stationers, Office Supplies, Office & Bank Equipment.

Roberts & Son, Manufacturing Stationers, 1810-1812, 3d av N.....Main 8461

Steam Shovels.

Donahoo J F Co, Jefferson Co Bank bldg...Main 1740

Stoves & Ranges, Gray Iron Castings.

Avondale Stove & Foundry Co.....Main 1046

Sugar Mill Machinery & Castings.

Birmingham Machine & Foundry Co, 37th & 10th av.....Main 531

Weather Strip.

Monarch Metal Weather Strip Co The, (A H Moore Distributor) 1724 First av.....Main 3425
See our Catalog Space, page 1023

Wire Manufacturers.

American Steel & Wire Co, Brown-Marx bldg.Main 2016

HOLT

Cast Iron Pipe.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Castings, Gray Iron.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Floor Drains.

Central Foundry Company The, "Lynn".....Tuscaloosa 932
See our Advertisement Outside Back Cover

Foundries.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Gas Mains.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Manhole Frames & Covers.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Marine Castings.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Soil Pipe.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Universal Cast Iron Pipe.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Valve Boxes.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

Water Mains.

Central Foundry Company The.....Tuscaloosa 932
See our Advertisement Outside Back Cover

HUNTSVILLE

Belting.

Alexander Bros Leather Belting, (McAnelly Hardware Co).....Huntsville 248

Leather Belting.

Alexander Bros Leather Belting, (McAnelly Hardware Co).....Huntsville 248

MOBILE

Doors, Sash & Blinds.

Turner F C & Co, 164 N Water.....Mobile 1020

Hoisting Equipment for Sailing Vessels.

Marine Supply Co, Water and St Francis..Mobile 301

Insurance.

Goodman Jno O & Co, 52 St Joseph.....Mobile 700

Lumber Dealers, Yellow Pine.

Hempstead C W Lbr Co, City Bank bldg..Mobile 1807

Lumber Mnfrs, Yellow Pine.

Crichton Lumber Company, City Bank bldg.....Mobile 410

Sheet Steel Black & Galvanized, Tanks & Roofing.

Mobile Steel Co Inc, Ft of Eslava.....Mobile 1574

Ship Brokers.

Page & Jones, Bank of Mobile bldg.....Mobile 416
See our Catalog Space, page 1007

Steamship Agents.

Page & Jones, Bank of Mobile bldg.....Mobile 416
See our Catalog Space, page 1007

Wall Board.

Turner F C & Co, 164 N Water.....Mobile 1020

OPELIKA

Farm Lands and General Real Estate.

Opelika Real Estate & Renting Agency, 221 S 8th.....Opelika 169

ALASKA

VALDEZ

Copper Mines.

Columbia Red Metal Mining Co Inc, Seattle, Washington.....Main 6271
See our Catalog Space, page 935

ARIZONA

ARIZONA

Land area	113,810
Water area	146
Population (Estimated)	259,666
White	171,468
Negro	2,009
All others	30,877
Foreign-born white (U. S. Census 1910)	46,824
Native white	124,644
Male	70,285
Female	54,359

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

1 Benson .....J 12
9 Bisbee .....K 12
5 Clifton .....L 9
6 Douglas .....L 13
2 Flagstaff .....G 5
7 Globe .....I 9
2 Jerome .....E 6
3 Lowell .....K 13
2 Mesa .....G 9
1 Miami .....I 9
5 Morenci .....L 9
4 Nogales .....I 13
19 Phoenix .....F 9
2 Pirtleville .....L 13
5 Prescott .....F 6
1 Tempe .....G 9
2 Tombstone .....K 12
17 Tucson .....I 11
1 Williams .....F 5
2 Winslow .....I 5
8 Yuma .....A 10

Population—Hundreds

5 Ashfork .....E 5
4 Buckeye .....E 9
3 Camp Verde .....G 6
4 Casa Grande.....G 10
4 Concho .....K 7
5 Congress .....E 7
9 Courtland .....K 12
4 Edgar .....L 7
5 Eden .....K 10
8 Florence .....H 9
4 Fort Apache.....K 8
4 Fort Huachuca..J 12
3 Fort Thomas.....J 9
6 Gleeson .....K 12
5 Glendale .....F 8
6 Holbrook .....J 6
5 Humboldt .....F 6
5 Kelvin .....I 9
9 Kingman .....B 5
5 Mammoth .....I 10
3 Mayer .....F 7
2 Metcalf .....Q 14
5 Mowry .....J 13
5 Octave .....E 7
4 Owens .....D 6
4 Parker .....B 7
5 Patagonia .....I 12
5 Pearce .....K 12
5 Pima .....K 10
3 Polaris .....B 9
9 Safford .....K 10
3 Seligman .....E 5
7 Silverbell .....G 11
5 Snowflake .....J 6
6 Solomonsville ...L 10
5 St. David.....J 12
8 St. Johns .....K 6
4 Swansea .....C 7
3 Taylor .....J 7
9 Thatcher .....K 10
6 Toreva .....I 4
6 Wickenburg .....E 8
6 Willcox .....K 11
5 Winkelman .....I 10

PHOENIX

Autographic Registers & Roll Printers.

Egry Register Co The, (Joseph L Pipe, Agt) 37 W Jefferson.....Phoenix 4943

Belting.

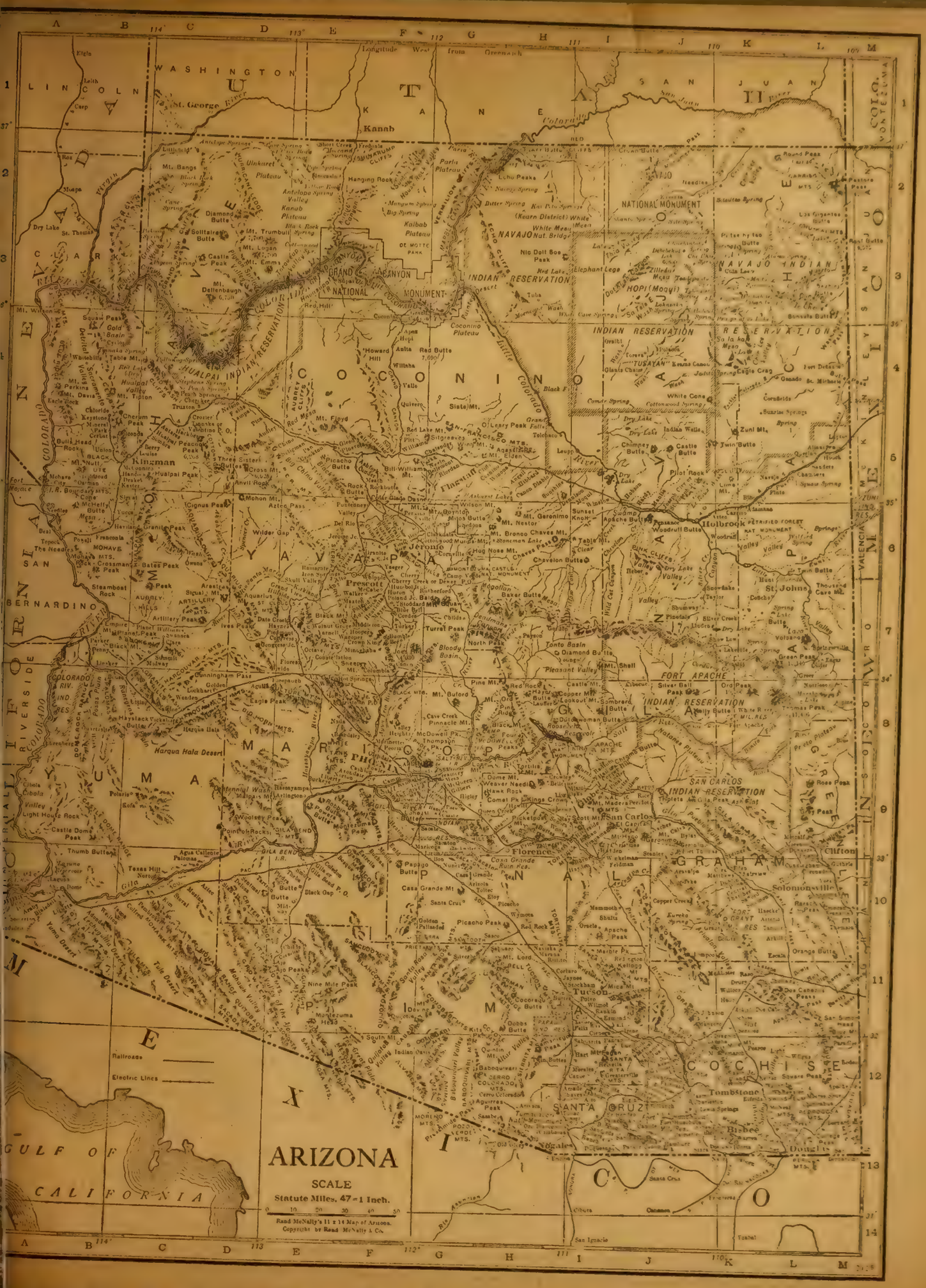
Alexander Bros Leather Belting, (Pratt-Gilbert) Central & Madison.....Phoenix 1644

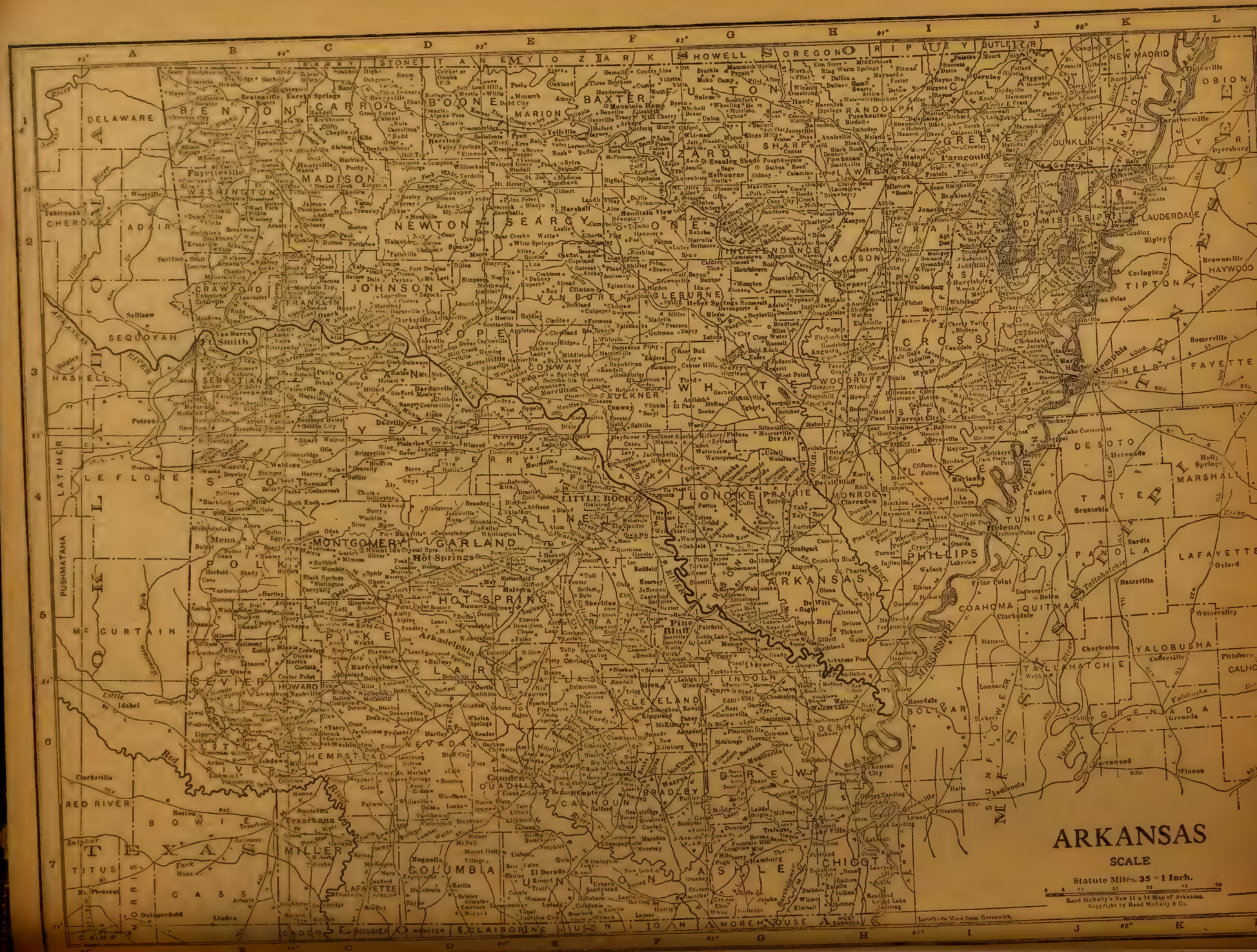
Leather Belting.

Alexander Bros Leather Belting, (Pratt-Gilbert) Central & Madison.....Phoenix 1644

Lockers, Steel.

Medart Fred Mfg Co (Arizona Sales Co, Rep), 1311 E McKinley .....Phoenix 2353


ARIZONA
SCALE
Statute Miles. 47=1 Inch.
0 10 20 30 40 50
Rand McNally's 11 x 14 Map of Arizona.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
WASHINGTON
UTAH
SAN JUAN
COLO.
NEVADA
LINCOLN
COCONINO
MOHAVE
YAVAPAI
APACHE
NAVAJO
GRAHAM
GREENLEE
YUMA
MARICOPA
PINAL
GILA
COCHISE
SANTA CRUZ
PIMA
GRAND CANYON NATIONAL MONUMENT
NAVAJO NATIONAL MONUMENT
NAVAJO INDIAN RESERVATION
HOPI (Moqui) INDIAN RESERVATION
HUALPAI INDIAN RESERVATION
FORT APACHE INDIAN RESERVATION
SAN CARLOS INDIAN RESERVATION
Kanab
Holbrook
Prescott
Jerome
Flagstaff
Tucson
Florence
San Carlos
Clifton
Solomonville
Tombstone
Bisbee
Douglas
Nogales
Yuma
Kingman
Railroads
Electric Lines
GULF OF CALIFORNIA
MEXICO


ARKANSAS
SCALE
Statute Miles. 35 = 1 Inch.
Rand McNally's New 11 x 14 Map of Arkansas.
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Longitude West from Greenwich.
BENTON
CARROLL
BOONE
MARION
BAXTER
STONE
TANEY
OZARK
SHOWELL
OREGON
RIPLEY
BUTLER
NEW MADRID
DUNKLIN
MISSISSIPPI
LAUDERDALE
TIPTON
HAYWOOD
SHELBY
FAYETTE
DESOTO
MARSHALL
TATE
TUNICA
PANOLA
LAFAYETTE
QUITMAN
COAHOMA
TALLAHATCHIE
YALOBUSHA
CALHOUN
GRENADA
BOLIVAR
WASHINGTON
MADISON
NEWTON
SEARCY
STONE
CRAWFORD
JOHNSON
FRANKLIN
SEBASTIAN
SEQUOYAH
CHEROKEE
ADAIR
LEFLORE
SCOTT
POLK
MONTGOMERY
GARLAND
HOT SPRING
SEVIER
HOWARD
PIKE
CLARK
NEVADA
HEMPSTEAD
LITTLE RIVER
MILLER
LAFAYETTE
COLUMBIA
CASS
TITUS
BOWIE
RED RIVER
LAMAR
FANNIN
CLEBURNE
STONE
VAN BUREN
CONWAY
PERRY
PULASKI
SALINE
LITTLE ROCK
FAULKNER
WHITE
JACKSON
INDEPENDENCE
JACKSON
CROSS
WOODRUFF
PRAIRIE
LONOKE
MONROE
ARKANSAS
PHILLIPS
LEE
CRITTENDEN
MISSISSIPPI
CRAIGHEAD
POINSETT
MISSISSIPPI
CRITTENDEN
CLEBURNE
RANDOLPH
SHARP
LAWRENCE
GREENE
CLAY
CRAWFORD
CLEVELAND
DALLAS
CALHOUN
BRADLEY
DREW
ASHLEY
CHICOT
LINCOLN
DESHA
CLAIBORNE
HUSTON
IOWA
AMOREHOUSE
CADDO
BOSSIER
WEBSTER
PUSHMATAHA
LATIMER
McCURTAIN
Fort Smith
Hot Springs
Pine Bluff
Helena
Batesville
Jonesboro
Paragould
Texarkana
Clarksville
Ozark
Van Buren
Conway
Searcy
Harrison
Mountain Home
Batesville
Corning
Pocahontas
Dardanelle
Russellville
Morrilton
Clarksville
Ashdown
Magnolia
Camden
Arkadelphia
Malvern
Benton
Hot Springs
Little Rock
Pine Bluff
Stuttgart
Lonoke
Clarendon
Marianna
Helena
Tunica
Senatobia
Hernando
Holly Springs
Oxford
Water Valley
Pontotoc
Calhoun
Grenada
Winona
Greenwood
Indianola
Leland
Lake Cormorant
Memphis
Somerville
Brownsville
Covington
Ripley
Dyersburg
Tiptonville
Kennett
Caruthersville
Gideon
Portageville
Charleston
Coffeeville
Pittsboro
Yazoo
Vicksburg
Rosedale
Greenville
Lake Providence
Tallulah
Vidalia
Natchez
Port Gibson
Grand Gulf
Rodney
Fayette
Lexington
Yazoo City
Greenville
Cleveland
Rosedale
Clarksdale
Tutwiler
Batesville
Sardis
Oxford
Water Valley
Pittsboro
Calhoun
Grenada
Winona
Greenwood
Indianola
Leland
Lake Cormorant
Memphis
Somerville
Brownsville
Covington
Ripley
Dyersburg
Tiptonville
Kennett
Caruthersville
Gideon
Portageville
Charleston
Coffeeville
Pittsboro
Yazoo
Vicksburg
Rosedale
Greenville
Lake Providence
Tallulah
Vidalia
Natchez
Port Gibson
Grand Gulf
Rodney
Fayette
Lexington
Yazoo City
Greenville
Cleveland
Rosedale
Clarksdale
Tutwiler
Batesville
Sardis
Oxford
Water Valley
Pontotoc

ARKANSAS

ARKANSAS

Land area	52,525
Water area	810
Population (Estimated)	1,753,033
White	1,131,026
Negro	442,891
All others	532
Foreign-born white (U. S. Census 1910)	16,909
Native white	1,114,117
Male	810,026
Female	764,423

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

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3	Arkadelphia	D	5
1	Arkansas City	H	6
1	Ashdown	B	6
1	Atkins	E	3
2	Augusta	H	3
3	Batesville	G	2
2	Benton	E	4
2	Bentonville	B	1
1	Black Rock	H	1
4	Blytheville	K	2
2	Booneville	C	3
2	Brinkley	H	4
4	Camden	E	6
2	Clarendon	H	4
1	Clarkesville	D	3
1	Coal Hill	C	3
3	Conway	F	3
1	Corning	I	1
1	Cotton Plant	H	4
2	Crossett	F	7
2	Dardanelle	D	3
2	De Queen	B	5
2	Dermott	H	7
1	Des Arc	G	4
1	Earl	I	3
1	El Dorado	E	7
	England	G	4
1	Eureka Springs	C	1
	Fayetteville	B	1
	Fordyce	F	6
	Forrest City	I	3
	Fort Smith	B	3
	Greenwood	E	6
	Gurdon	D	6
	Hamburg	G	7
	Harrison	D	1
	Hartford	B	3
	Heber Springs	G	2
	Helena	I	4
	Hope	C	6
	Hot Springs	D	5
	Huntington	B	3
	Huttig	F	7
	Jonesboro	I	2
	Junction City	E	7
	Lake Village	H	7
	Leslie	E	2
	Lewisville	C	7
	Little Rock	F	4
	Lonoke	G	2
	McGehee	H	6
	Magazine	C	3
	Magnolia	D	7
	Malvern	E	5
	Marianna	I	4
	Marked Tree	I	2
	Mena	B	4
	Monticello	G	6
	Morrillton	E	3
	Nashville	C	6
	Nettleton	I	2
	Newport	H	2
2	Osceola	J	2
1	Ozark	C	3
5	Paragould	I	1
1	Paris	C	3
1	Piggott	J	1
17	Pine Bluff	F	5
2	Pocahantas	H	1
3	Prescott	D	6
2	Rector	J	1
3	Rogers	B	1
3	Russellville	D	3
2	Searcy	G	3
2	Siloam Springs	A	1
2	Springdale	B	1
2	Stamps	C	7
3	Stuttgart	G	5
6	Texarkana	C	7
4	Van Buren	B	3
2	Walnut Ridge	I	2
2	Warren	F	6
2	Wynne	I	3

Population—Hundreds

6	Alma	C	3
7	Altus	C	3
8	Amity	D	5
9	Beebe	G	3
8	Berryville	C	1
8	Bonanza	A	3
9	Cotter	F	1
7	Crawfordville	J	3
8	Danville	D	3
8	Denning	C	3
9	Devall Bluff	H	4
8	De Witt	H	5
6	Fulton	C	6
7	Gentry	B	1
8	Glenwood	C	5
6	Green Forest	C	1
9	Harrisburg	I	2
6	Havana	C	3
7	Hazen	G	4
5	Holly Grove	Q	8
9	Hoxie	I	1
7	Judsonia	G	3
7	Lockesburg	B	6
7	Luxora	K	2
6	McCory	H	3
8	Mammouth Springs	G	1
8	Mansfield	B	3
8	Marmaduke	J	1
6	Midland	B	3
7	Mulberry	B	2
9	Plainview	D	4
8	Portland	G	7
8	Prairie Grove	B	2
7	Rison	F	6
9	Varner	G	6
9	Waldron	B	4
7	Wesson	E	7
9	Wilmar	G	6
6	Wilmont	G	7
7	Winthrop	B	6

FORT SMITH

nks.

National Bank ..... Fort Smith 824

inters, Tickets & Num-bered Printing.

n, Williams & Lick, 711 N
t ..... Fort Smith 711

LITTLE ROCK

Belting.

Alexander Bros Leather Belting, (Thos Cox & Sons Machy Co), 2d & Commerce..... Main 738

Belting, Leather.

Detroit Oak Belting Co (Central Supply Co), 201 E Markham ..... Main 2789

Boiler Makers.

Bemberg & Sons Iron Works, East 10th & Fairview ..... Main 2227

Little Rock Boiler & Iron Works, 116 N Spring ..... Main 2975

Bonds, Guarantee.

National Surety Company (Charles K Jones, Mgr) Gazette bldg..... Main 7272

Bonds, Surety.

National Surety Company (Charles K Jones, Mgr) Gazette bldg..... Main 7272

Brake Shoes, Locomotive & Car.

Standard Brake Shoe & Foundry Co, Pulley St & Mo Pac Tracks..... Pine Bluff 111

Brokers, Merchandise.

Leigh Henry & Co, 612-14 E Markham..... Main 1081

Burglary Insurance.

National Surety Company (Charles K Jones, Mgr) Gazette bldg..... Main 7272

Farm Machinery, Tractors, Oil & Gas Engines.

Southwestern Supply Co, 112-122 N Louisiana ..... Main 233

Grocers, Wholesale.

Cooper-Dickinson Gro Co, Fort Scott st..... Main 345

Harness, Collars & Saddles. Wholesale Mnfrs.

Voss-Barbee Mfg Co, 618-622 E Markham.. Main 433

Leather Belting.

Alexander Bros Leather Belting, (Thos Cox & Sons Machy Co) 2d & Commerce..... Main 738

Machinists.

Model Machine Works, 401-405 Recktor av.. Main 2597

Mill Work (Special) of all Kinds.

Abeles Chas & Co, Third & Scott..... Main 83

Pecans, Pecan Trees, Pecan Groves.

Hicks & Holder Pecan Co, Southern Trust bldg ..... Main 1855

Printers & Stationers.

Democrat Printing & Lithographing Co, 210 E Markham ..... Main 271

Sash & Door Mnfrs.

Abeles Chas & Co, Third & Scott..... Main 83

Structural Iron & Steel.

Bemberg & Sons Iron Works, East 10th & Fairview ..... Main 2227

Surety Bonds.

National Surety Company (Charles K Jones, Mgr) Gazette bldg..... Main 7272

Tanks, Steel.

Bemberg & Sons Iron Works, East 10th & Fairview..... Main 2227

Tents & Tarpaulins.

Voss-Barbee Mfg Co, 618-622 E Markham ..... Main 433

Weather Strips.

Monarch Metal Weather Strip Co The (B S Clippard Co, Distributors), 121 Louisiana... Main 5233
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PINE BLUFF

Brokers, Merchandise.

Harrison V M, Citizens Bank bldg.... Pine Bluff 53

Orto Brokerage Co, (Storage Facilities, Warehouse Distributors) 220-224 Walnut ..... Pine Bluff 440

TEXARKANA

Engineers.

Christian C S, State National Bank.... Texarkana 990

Engines, Gas, Gasoline & Kerosene.

Williams Mill Mfg Co of Arkansas, East Broad & Oak ..... Texarkana 832

Brokers, Merchandise.

Ramage Brokerage & Commission Co, 112 Walnut ..... Texarkana 333

Feed Mills.

Williams Mill Mfg Co of Arkansas, East Broad & Oak ..... Texarkana 832

Grist Mills.

Williams Mill Mfg Co of Arkansas, East Broad & Oak ..... Texarkana 832

Peanut & Grain Threshers.

Williams Mill Mfg Co of Arkansas, East Broad & Oak ..... Texarkana 832

Wood Saws.

Williams Mill Mfg Co of Arkansas, East Broad & Oak ..... Texarkana 832

CALIFORNIA
SCALE
Statute Miles. 80-1 Inch.
Rand McNally's New 11 x 14 Map of California
Copyright by Rand McNally & Co.
Part of Central California.
Part of Southern California.
OREGON
NEVADA
ARIZONA
PACIFIC OCEAN
Mt. Shasta
Mt. Lassen
Mt. Annie
Mt. Olcott
Tehachapi Peak
Mt. Hamilton
Mt. Diablo
Mt. Hicks
Mt. Pinos
Mt. Baldy
Mt. San Jacinto
Mt. San Gorgonio
Mt. San Bernardino
Mt. Wilson
Mt. Lowe
Mt. Harvard
Mt. Whitney
Mt. Shasta City
Redding
Redbluff
Eureka
Ft. Jones
Yreka
Alturas
Susanville
Virginia Cy.
Carson
Reno
Sacramento
San Francisco
Oakland
San Jose
Santa Cruz
Santa Rosa
Napa
Stockton
Modesto
Fresno
Hollister
Los Angeles
San Diego
San Bernardino
Riverside
Pasadena
Santa Barbara
Ventura
Bakersfield
Visalia
Tulare
Hanford
Lone Pine
Bishop
Independence
Mono Lake
Owens Lake
Death Valley
Tonopah
Goldfield
Candelaria
Hawthorne
Walker Lake
Tempahute Peak
Mountain Peak
Manse Peak
Colorado R.
Mojave R.
Santa Catalina I.
San Clemente I.
San Nicolas I.
San Miguel I.
Statute Miles 64 — 1 Inch.

CALIFORNIA

CALIFORNIA

Land area	155,652
Water area	2,645
Population	(Estimated) 2,983,843
White	2,259,672
Negro	21,645
All others	96,232
Foreign-born white....(U. S. Census 1910)	517,250
Native white	1,742,422
Male	1,322,978
Female	1,054,571

INDEX TO PRINCIPAL CITIES

(See map, opposite page.)

Population—Thousands

28 Alameda .....F 3
5 Alhambra .....I 7
1 Amador City ...E 5
3 Anaheim .....J 8
3 Angels Camp ...E 5
1 Antioch .....F 4
1 Arcata .....C 1
1 Arroyo Grande ..H 5
2 Auburn .....E 4
1 Azusa .....I 8
17 Bakersfield ....H 7
2 Benicia .....E 3
55 Berkeley .....C 8
1 Bishop .....F 7
2 Burlingame ....F 3
4 Chico .....D 4
1 Chino .....I 3
4 Coalinga .....G 5
2 Colma .....F 3
4 Colton .....I 8
2 Colusa .....D 4
1 Corning .....D 3
4 Corona .....J 8
1 Coronado .....K 8
2 Covina .....I 8
1 Crescent City ..B 1
1 Dinuba .....G 6
1 Downey .....J 7
2 Dunsmuir .....B 3
2 El Centro .....K 10
1 Escondido .....J 8
5 Eureka .....C 1
2 Fort Bragg ....D 2
5 Fresno .....G 6
2 Fullerton .....J 7
1 Galt .....E 4
2 Gilroy .....G 4
3 Glendale .....I 7
1 Glen Ellen ....E 3
1 Gridley .....D 4
5 Grass Valley ...D 5
1 Half Moon Bay..F 3
5 Hanford .....G 6
1 Hayward .....C 10
2 Healdsburg ....E 3
Hemet .....J 9
Highland .....I 8
Hollister .....G 4
Imperial .....K 10
Inglewood .....J 7
Jackson .....E 5
Kelseyville .....E 3
Kennett .....C 3
Keswick .....C 3
King City .....G 4
Lemoore .....G 6
Lincoln .....E 4
Lindsay .....G 7
Livermore .....F 4
Lodi .....E 4
Lompoc .....I 5
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Los Gatos .....F 3
Maderia .....G 5
Martinez .....F 3
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Mayfield .....F 3
Mendocino ....D 2
Merced .....F 5
Mill Valley ....F 3
Medesto .....F 4
Monrovia .....I 8
Monterey .....G 4
Napa .....E 3
National City ..K 8
Needles .....I 11
Nevada City ...D 5
Niles .....F 4
Oakdale .....F 5
Oakland .....F 3
Oceanpark .....J 7
Ontario .....I 8
Orange .....J 8
Oroville .....D 4
Oxnard .....I 6
Pacific Grove ..G 4
Palo Alto .....F 3
Pasadena .....I 7
Paso Robles ...H 5
Petuluma .....E 3
Piedmont .....F 3
Pittsburg .....B 11
Placerville .....E 5
Pleasanton ....F 4
13 Pomona .....J 8
3 Portersville ....G 7
4 Red Bluff .....C 3
4 Redding .....C 3
14 Redlands .....I 8
3 Redondo Beach .J 7
2 Redwood City ..F 3
2 Reedley .....G 6
7 Richmond .....F 3
20 Riverside .....J 8
3 Roseville .....E 4
67 Sacramento ....E 4
4 Salinas .....G 4
17 San Bernardino..I 8
2 San Anselmo ...F 3
53 San Diego .....K 8
464 San Francisco .F 3
2 Sanger .....G 6
39 San Jose .....F 4
3 San Leandro ...F 3
5 San Luis Obispo.H 5
4 San Mateo .....F 3
6 San Rafael ....F 3
11 Santa Ana .....J 8
15 Santa Barbara...I 6
4 Santa Clara ...F 4
15 Santa Cruz ....G 3
2 Santa Maria ....I 5
8 Santa Monica ..J 7
2 Santa Paula ....I 6
8 Santa Rosa ....E 3
2 Sausalito .....F 3
2 Sawtelle .....I 7
1 Sebastopol .....E 3
2 Selma .....G 6
2 Sonora .....F 5
2 South San Francisco ...F 3
2 St. Helena ....E 3
35 Stockton .....F 4
2 Sutter Creek ...E 5
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2 Truckee .....D 5
3 Tulare .....G 6
1 Tuolumne .....F 5
2 Turlock .....F 5
2 Ukiah .....D 2
2 Upland .....I 8
1 Vacaville .....E 3
14 Vallejo .....A 9
3 Ventura .....I 6
5 Visalia .....G 6
4 Watsonville ...G 4
2 Watts .....J 7
5 Whittier .....J 8
1 Willits .....D 2
1 Willow .....D 3
3 Woodland .....E 4
1 Yreka .....B 3
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Population—Hundreds

9 Alturas .....B 5
6 Alvarado .....F 3
7 Anderson .....C 3
8 Arbuckle .....D 3
5 Armona .....G 6
5 Artesia .....J 7
7 Banning .....J 9
5 Belvedere .....F 3
5 Bieber .....C 4
5 Blue Lake .....C 1
8 Bodie .....E 7
5 Boulder Creek .F 3
9 Brawley .....K 10
5 Burbank .....I 7
8 Calexico .....K 10
8 Calistoga .....E 3
5 Cambria .....H 4
6 Campbell .....F 3
6 Castroville ....G 4
5 Cedarville .....B 5
7 Centerville ....F 3
8 Cloverdale .....E 2
9 Clovis .....G 6
6 Colfax .....D 5
6 Columbia .....E 5
9 Compton .....F 9
7 Concord .....F 3
5 Corcoran .....G 6
5 Coulterville ...F 6
8 Davis .....E 4
6 Delano .....H 6
8 Dixon .....E 4
5 Dos Palos ....G 5
5 Downieville ....D 5
7 Duarte .....I 8
8 Dutch Flat ....D 5
5 Elk Grove .....E 4
5 El Monte .....I 8
5 Elsinore .....J 8
5 Etna Mills ....B 2
8 Exeter .....G 6
8 Fairfield .....E 4
9 Ferndale .....C 1
5 Fillmore .....I 7
8 Florence .....F 9
7 Foresthill .....D 5
9 Fortuna .....C 1
7 Fowler .....G 6
6 Geyserville ....E 2
9 Glendora .....I 8
5 Goleta .....I 6
5 Greenville .....C 4
8 Guerneville ....E 2
5 Gonzales .....G 4
7 Holtville .....K 10
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8 Huntington Beach .....J 7
8 Ione .....E 5
8 Irvington .....F 4
7 Jamestown ....F 5
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9 Lakeport .....D 3
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6 Lathrop .....F 4
5 Lockeford .....E 4
5 Loomis .....E 4
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8 Mission San Jose .....D 10
7 Mokelumne Hill.E 5
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6 Murphy .....E 5
8 Newcastle .....E 4
9 Newman .....F 4
5 North Bloomfield.D 5
6 Norwalk .....J 7
5 Occidental .....E 2
7 Oceanside .....J 8
8 Orland .....D 3
8 Pinole .....F 3
8 Plymouth .....E 5
5 Point Arena ...E 2
6 Potter Valley ..D 2
7 Quincy .....D 5
8 Randsburg .....H 8
5 Raymond .....F 6
9 Rio Vista .....E 4
6 Ross .....F 3
8 San Andreas....E 5
7 San Bruno .....F 3
6 San Dimas .....I 8
8 San Fernando ..I 7
9 San Jacinto ....J 8
5 San Miguel ....H 5
5 Shasta .....C 3
7 Sierra City ....D 5
6 Sisson .....B 3
7 Smith River ...B 2
8 Soledad .....G 4
7 Stanford University ...F 3
5 Stege .....C 8
6 Suisan City ....E 3
9 Sunnyvale .....F 3
7 Susanville .....C 5
8 Tustin .....J 8
6 Walnut Creek ..F 4
9 Weaverville ....C 3
5 Westminster ....J 7
6 Westport .....D 2
6 Williams .....D 3
5 Windsor .....E 3
9 Winters .....E 3
5 Winthrop .....C 3

FRESNO

Safes.

Baum J Safe & Lock Co The (Percy Hall Johnson) Hotel Sequoia.....Fresno 3740

LONG BEACH

Junk.

Long Beach Junk Co, 1189-91 W Ocean av.....Bell Long-Beach 1247 Home 1247

LOS ANGELES

Accountants, Certified Public.

Wright Walter Coleman (President, Audit Company of Los Angeles) H W Hellman bldg, 4th and Spring.....Manual-Main 2372 Home A 4550

Adding Machines.

Monroe Calculating Machine Co, Van Nuys bldg .....Manual-Broadway 592 Home A 2188
See our Catalog Space, page 905

Addressing Machines.

Addressograph Co, (Cunningham, Curtis & Welch Co, Agts) 252 S Spring.....Main 8415
See our Catalog Space, page 907

Stickney & Montague, Direx-all Grant bldg, 4th & Broadway.....Manual-Main 2091 Home-F 1880

Artificial Limbs & Orthopedic Appliances.

Howell Artificial Limb Co The, 102 S Spring .....Broadway 3530

Autographic Registers and Roll Printed Stationery.

United Autographic Register Co, Chamber of Commerce bldg.....Main 2692

Autographic Registers & Roll Printers.

Egry Register Co The, (Business Equipment Co) 736 S Spring.....Manual-Pico 2461 Home 60302

Globe Register Co The, (Los Angeles Stationery Co) 848-50 S Hill.....Manual-Main 5497 Home-F 7141

Automobile Accessories (Mnfrs.).

Walden-Worcester Inc (C N & F W Jonas) Equitable Savings Bank bldg ...Manual-Broadway 7859 .....Home-A-3592

Automobile Oils.

Indian Refining Co, (Havoline Oil) 425 N Alameda .....Main 4346
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Automobile Wrenches.

Walden-Worcester Inc (C N & F W Jonas), Equitable Savings Bank bldg ...Manual-Broadway 7859 .....Home A-3592

Bags, Burlap Second Hand.

Shuken S & Co, 347 S Central av. .....Manual-Broadway 4320 Home-A 9902

Ball Bearings.

Ahlberg Bearing Co, 325 W Pico.....Pico 144

Ball Bearings, Reground & New, All Makes & Special

Ahlberg Bearing Co, 325 W Pico.....Pico 144

Belting.

Alexander Bros Leather Belting, (Smith-Booth-Usher Co) 228 Central .....Manual-Main 2695 Home 10661

Blinds, Venetian.

Western Blind & Screen Co, 2700 Long Beach av .....South 3643

Bonds, Guarantee.

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in Charge of Arizona), Citizens Bank bldg.....Main 6859

Bonds, Surety.

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in Charge of Arizona), Citizens Bank bldg.....Main 6859

Burglary Insurance

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in Charge of Arizona), Citizens Bank bldg.....Main 6859

Calculating Machines.

Monroe Calculating Machine Co, Van Nuys bldg .....Manual-Broadway 592 Home-A 2188
See our Catalog Space, page 905

Cans.

American Can Co, 4801 Santa Fe.....South 420

Cleaning Specialties. Efficiency Service Free.

Ford J B Co The, Security bldg.....Home-A 5905

Collecting Agencies.

Cuthbert Walter R, I W Hellman bldg...Home-F 6662

Fidelity Mercantile Agency, Citizens National Bank bldg.....Manual-Main 534 Home 66662

LOS ANGELES—continued

Detective Agencies.

Burns Wm J, International Detective Agency The Inc, I N Van Nuys bldg .....Manual-Main 5984 .....Home-A 1944
See our Catalog Space, page 938.
Horn G A, Detective Agency The, (Investigations throughout the World. Bonded. Licensed) Second & Broadway, California bldg .....Manual-West 897 .....Home-A 2720
Lady Detective, M E Firman, 208-12 American Bank bldg, 2d & Spring....Manual-Pico 139 ....Home-A 3465
Marston Detective Service, Bryson bldg .....Manual Main 91 .....Home F 7196

Distribution & Storage of Merchandise.

Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
See our Catalog Space, page 1011

Electric Lighting Fixtures for all Purposes.

Brascolite (Illinois Electric Co, Distributors), 261-263 So Los Angeles....Manual-Main 2927 ....Home 60419
See our Catalog Space, page 968

Fibre Containers.

American Can Co, 4801 Santa Fe.....South 420

Florists.

Wolfskills & Morris Goldenson, 229 W 3d.....Manual Main 782 .....Home-A 5038

Forwarding Agencies.

California Truck Co, (Distribution Consignments Handled. Carloads or less), 322-324 E Third.....Manual-Broadway 220 .....Home 10078

Gear Cutting Machinery.

Fellows Gear Shaper Co, (Eccles & Smith Co. Agts) 243 S Los Angeles.....Main 649

Ginger Ale.

Manitou Mineral Water Company The (E F McCombs) Citizens Natl Bk bldg.....0000

Handwriting Experts.

Carlson Milton Examiner and Photographer of Questioned Documents, International Bank bldg.....Main 3939

Hotels.

Hotel Van Nuys, Main & 4th .....Manual-Main 8992 .....Home 10896
Rosslyn Hotel, Hart Bros props, Main & 5th .....Manual Main 9246 .....Home 60911

Ice and Refrigerating Machines and Plants.

Vilter Mfg Co The (C M Gay & Son) 335 Towne .....Main 2869

Insurance Adjusters for the Insured.

Peckham & Mangson Co Inc 456 S Spring st.....Manual-Broadway 880 .....Home-A 4040

Investigations.

Cuthbert Walter R, I W Hellman bldg.....F 6662
Fidelity Mercantile Agency, Citizens National Bank bldg.....Manual Main 534 .....Home 66662

Laundry Machinery.

Troy Laundry Machinery Co Ltd, 450 452 E 3d .....Manual-Broadway 1730 .....Home 10531
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Leather Belting.

Alexander Bros Leather Belting, (Smith-Booth-Usher Co) 228 Central .....Manual-Main 2695 .....Home 10661

Lockers, Steel.

Medart Fred Mfg Co, (F W Farrington, Rep), Citizens Natl Bank bldg .....Home F 2462

Mailing Lists.

Los Angeles Addressing & Mailing Co, Delta bldg, 426 S Spring .....Manual-Main 1584 .....Home-A 2170

Mailing Lists, Circularizing, Addressing.

Accurate Mailing List Co (Complete California and Western States Lists), Douglas bldg, 3d and Spring .....Manual-Main 9314 .....Home-A 3629

Mineral Waters.

Manitou Mineral Water Company The (E F McCombs) Citizens Natl Bk bldg.....0000

Motion Picture Camera Attachments and Repairs.

Precision Motion Picture Works, K W Thalhammer prop, 550 S Figueroa.....Main 1574

Motor Truck Mnfrs.

Moreland Motor Truck Co,1701 N Main.....Manual-East 483 .....Home 60427

Motor Trucks.

Autocar Sales & Service Co of California The, 1801 S Main .....Manual-South 771 .....Home 27001

Moving, Packing, Shipping & Storage of Househld Gds.

California Fireproof Storage Co, 2808 West Pico.....Manual-West 4736 .....Home 71412
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Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
See our Catalog Space, page 1011

Name Plates, Embossed, Plated & Enamel Finish.

Stanley Manufacturing Co The, (J W Lecky, Agt), Van Nuys bldg.....Home-F 5309

Name Plates, Etched, Stamped & Embossed.

Crowe Name Plate & Engraving Co, (W L Thompson, Agt) 611 Loomis.....Home 556632

Office Appliances, Equipment and Systems.

Business Equipment Sales Co Inc, 736 S Spring.....Manual-Pico 2461 .....Home 60302

Organ Builders.

Estey Organ Company (C W McQuigg), 332 S Broadway.....Main 585

Packing, Rod, Sheet & Hydraulic.

Endura Mfg Co (Pacific Mill & Mine Supply Co), (For Oils, Alkalies & Benzol Products), 422 E 3d .....Manual-Pico 441 .....Home-A 5967

Packing, Shipping, Moving & Storage of Househld Gds.

California Fireproof Storage Co, 2808 West Pico.....Manual-West 4736 .....Home 71412
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Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
See our Catalog Space, page 1011

Paints (Mnfrs.)

Patton Paint Company, 928 South Main .....Manual-Main 2339 .....Home-A 5923

Patent Attorneys.

Berry R S, Grosse bldg.....Main 6878

Pennants, Banners & Buttons.

Pacific Pennant & Advertising Co, 244-246 New High.....Manual-Main 5923 .....Home-F 3152

Printing Machinery, Type & Supplies.

American Type Founders Co, 121 North Broadway .....Main 372
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Pyrometers.

Brown Instrument Co The, 363-371 New High st .....Manual-Main 8363 .....Home 10922

Real Estate.

Newport F P Co, Harbor Industrial Property, Finest Suburban Residences, Central bldg.....Manual-Main 4792 .....Home 60175

Refrigerating & Ice Plants.

Vilter Mfg Co The, (C M Gay & Son), 335 Towne.....Main 2869

Safes.

Baum J Safe & Lock Co The (Southern California Safe Co), 402 So Los Angeles.....Main 6353

Scrap Iron, Used Structural Material and Machinery.

Western Iron & Metal Co, 1625 N Main....East 1417

Shipping, Packing, Moving & Storage of Househld Gds.

California Fireproof Storage Co, 2808 West Pico.....Manual-West 4736 .....Home 71412
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Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
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Spring Water.

Manitou Mineral Water Company The, (E F McCombs) Citizens Natl Bk bldg.....0000

Stencil Cutting Machines.

Bradley Stencil Machine Co (Marshall & Nash, Agts), 629 N Spring .....Manual-Main 3623 .....Home-A 4628

Storage and Distribution of Merchandise.

Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
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Storage, Shipping, Packing & Moving of Househld Gds.

California Fireproof Storage Co, 2808 West Pico.....Manual-West 4736 .....Home 71412
See our Catalog Space, page 1011
Shattuck & Nimmo Warehouse Co, Marsh-Strong bldg.....Manual-Main 381 .....Home 4814
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Surety Bonds.

National Surety Company (Catesby C Thom, Asst Pacific Coast Mgr and in Charge of Arizona), Citizens Bank bldg.....Main 6859

Trucks, Elevating.

Lewis-Shepard Company (M E Canfield Co, Agts) I N Van Nuys bldg.....Main 1016

Type Founders, Printers' Machinery & Supplies.

American Type Founders Co, 121 N Broadway .....Main 372
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Typewriters, Portable.

Corona Typewriter Company Inc 609 S Spring.....Broadway 8109

Waters, Medicinal and Mineral.

Manitou Mineral Water Company The, (E F McCombs) Citizens Natl Bk bldg.....0000

Weather Strips.

Monarch Metal Weather Strip Co The, (Monarch Supply Co. Distributors) Metropolitan bldg.....Manual-Broadway 502 .....Home 60871
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Niagara Metal Weather Strip Co (Niagara Supply Co) 2507 E 1st.....Home 41121

Welders.

Southwest Welding & Mfg Co, 625-27 N Main .....Main 1158

Wire Manufacturers.
United States Steel Products Co, 156 N Central ..... Manual-Main 9360 Home-A 2190

Wire Rope Manufacturers.
Moon George C Co Inc, 129 W 2d..... Main 3550

Wrenches.
Walden-Worcester Inc (C N & F W Jonas), Equitable Savings Bank bldg ..... Manual-Broadway 7859 Home-A 3592

OAKLAND

Badges of Every Description, Rubber Stamps, Seals.
Jones Ed & Co, 906 Broadway..... Oakland 2090

Blasting Caps.
California Cap Co, Bacon bldg..... Oakland 7354

Blasting Supplies and Explosives.
California Cap Co, Bacon bldg..... Oakland 7354

Calculating Machines.
Marchant Calculating Machine Co, 4th and Powell, Emeryville..... Piedmont 6500

Clocks, Mnfrs. Automatic Interval.
Reminder Clock Co Inc, (One Hand Clock, Gold medal P P I E) 2985-99 East 12th at Derby av..... Fruitvale 323

Collecting Agencies.
Guarantee Collection Agency, Bacon bldg ..... Lakeside 54

Detective Agencies.
Pacific Detective Agency, Bacon bldg.... Lakeside 2063

Electric Blasting Supplies.
California Cap Co, Bacon bldg..... Oakland 7354

Explosives & Blasting Supplies.
California Cap Co, Bacon bldg..... Oakland 7354

Fences Wire and Iron.
Malone Fence Company, 310, Twelfth... Oakland 475
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Machinery, New & Used, Rail & Railroad Suppl's.
American Machine Works Inc, Wholesale Dealers Scrap Iron and Metals, 518-520-522-524, 4th st..... Oakland 805

Scrap Iron, Rubber, Metals & Machinery.
Novich A Co, First and Jackson..... Oakland 69
Jos Hyman, 625 Grove..... Oakland 4865

Wire Fence, Wire & Iron.
Malone Fence Company, 310 Twelfth.... Oakland 475
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Wire and Iron Work.
Malone Fence Company, 310 Twelfth.... Oakland 475
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SACRAMENTO

Artificial Limbs.
Sacramento Artificial Limb Co, 918, 10th. Main 2812J

Automobile Lists, Daily California Cars Registered.
Star Letter Co, (Mrs L J Resse Mgr) Capital National Bank bldg..... Main 3705

Junk, Scrap Iron, Metals & Machy Bought & Sold.
Capital Junk & Machinery Co, 1309 J st.... Main 2600

SAN DIEGO

Advertising Signs.
Cordtz Robt Co The, 515, 9th ..... Bell-Main 2563 Home 4646

Birds and Pets.
San Diego Bird Store, 1104, 6th..... Main 2158

Dumb Waiters.
Snyder Theo F, (Sedgwick Machine Works, Inc) Cent Mtge bldg..... Main 1686
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Junk Dealers.
Kaplan Bros, 319-21, 5th ..... Bell-Main 1730 Home 3160
Shelley George & Sons, Foot of Market ..... Bell-Main 1556 Home 4134

Motor Trucks.
Autocar Sales & Service Co of California The, 124 East C..... Bell-Main 5182 Home 3528

Spring Oilers.
G L W Spring Oiler Co, Savoy Theatre... Home 3268

SAN FRANCISCO

Accountants.
Demartini J W, Pacific bldg..... Kearny 3510

Accountants Certified Public.
Greenhood & Jansen, 519 California, Clunie bldg..... Kearny 1224

Acetylene Apparatus.
Davis-Bournonville Co, 602 Mission..... Sutter 4977
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Adding Machines.
Monroe Calculating Machine Co, 417 Market ..... Douglas 3575
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Addressing Companies.
Rodgers Addressing Bureau, 35 Montgomery st..... Douglas 5644

Addressing Machines.
Addressograph Co, (H S Crocker Co, Agts), 565 Market..... Kearny 3550
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Stickney & Montague, Direx-all, Wells Fargo bldg ..... Sutter 7479

Advertising Classified Telephone Directory.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories) Monadnock bldg..... Garfield 247

Advertising Specialties (Card Board).
Tablet & Ticket Co The, 111 New Montgomery ..... Douglas 250

Aeroplanes.
Williams Bros Aircraft Corporation, 816 Oak..... Park 3514

Appraisers.
American Appraisal Co The, Merchant's National Bank bldg..... Sutter 1323
Fidelity Appraisal Company, Mercantile bldg..... Sutter 506

Arch Supports & Foot Appliances.
Wonder Mfg Co The, 156 Second..... Kearny 2500

Art Novelty Mnfrs, Alyta, a Decorative Art.
Alyta Co, 783 Mission..... Garfield 1385

Artificial Flowers.
Botanical Decorating Co, (Bornstein Bros) 1055 Market ..... Market 780

Artificial Limbs.
Aunger Artificial Limb Co (Latest Patent Improvements, Comfort & Service) 84 Seventh. Market 6055

Asphalt.
Barber Asphalt Paving Co The (Trinidad and Bermudez) 209 Post..... Sutter 1050

Auctioneers.
Curtis Edward, 314 Sutter..... Sutter 4131

Autographic Registers and Roll Printers.
Egry Register Co The, (N H Fleming Sales, Agt), 604 Mission..... Sutter 678
Globe Register Co The, (A I Donnell) 268 Market..... Sutter 3393

Automobile Accessories (Manufacturers).
Metal Specialties Mfg Co, (Bailey-Drake Co, Agts) 149 New Montgomery..... Kearny 2935
Walden-Worcester Inc, (C N & F W Jonas) 111 New Montgomery ..... Kearny 5237

Automobile Accessories, Export and Jobbing.
Chanslor & Lyon Co, 1238 Van Ness av.. Prospect 929

Automobile Oils.
Indian Refining Co, (Havoline Oil) 112 Market ..... Sutter 3286
See our Catalog Space, page 917

Automobile Specialties.
Carboncide Mfg Co of Cal (Perfect Carbon Remover, Send for Information) 700 Polk..... Prospect 5651

Automobile Wrenches.
Walden-Worcester Inc, (C N & F W Jonas) 111 New Montgomery..... Kearny 5237

Ball Bearings.
Ahlberg Bearing Co, 715 Turk..... Franklin 5878
Hess-Bright Mfg Co The, Call bldg..... Sutter 4196

Ball Bearings, Reground & New, All Makes & Spec'l.
Ahlberg Bearing Co, 715 Turk..... Franklin 5878

Barrels, Steel.
Pressed Steel Products Co The, 503 Market..... Sutter 2341

Belting.
Alexander Bros Leather Belting (General Machinery & Supply Co) 39 Stevenson Sutter 6750

Bindings, Bias.
Omo Mfg Co, (De Graff & Palmer) 50 Sansome..... Sutter 6120

Blasting Supplies and Explosives.
Du Pont de Nemours E I & Company, Chronicle bldg ..... Sutter 6640

Blinds, Venetian.
Western Blind & Screen Co, Hearst bldg.... Douglas 4353

SAN FRANCISCO—cont'd

Blower & Blow Piping.
Rees Blow Pipe Mfg Co, 340, 7th.....Market 3345

Blue Print Filing Cabinets (Wood & Steel).
Pease C F Company The, (W P Balderston, West Repr), 235 Montgomery.....Kearny 2354

Blue Print Machinery.
Pease C F Company The, (W P Balderston, West Repr), 235 Montgomery.....Kearny 2354

Blue Print Paper.
Pease C F Company The, (W P Balderston, West Repr), 235 Montgomery.....Kearny 2354

Blue Print Sensitizing Machines.
Pease C F Company The, (W P Balderston, West Repr), 235 Montgomery.....Kearny 2354

Boilers, Steam, Tanks, Steel and Stacks.
Ocean Shore Iron Works, 550 8th st.....Market 462

Bonds, Gaurantee.
National Surety Company (Frank L Gilbert Vice Pres and Pacific Coast Mgr and in charge of California & Nevada) 105 Montgomery..Sutter 2636

Bonds, Surety.
National Surety Company (Frank L Gilbert Vice Pres and Pacific Coast Mgr and in charge of California & Nevada), 105 Montgomery.Sutter 2636

Box Shooks Tying Machin'y.
Gerrard Wire Tying Machines Co (Gerrard Method), 112 Market .....Sutter 6273

Box Strapping Soft Wire.
Gerrard Wire Tying Machines Co (Gerrard Method), 112 Market .....Sutter 6273

Brokers, Merchandise.
Du Val W M & Co, 112 Market.....Kearny 2482
Food Products Factors Inc, Hearst bldg..Sutter 5085

Brokers, Sugar and Rice.
Brown, A A Co, 230 California.....Douglas 3380

Buckets, Clamshell.
Brown Hoisting Machinery Co The, (H D Wright) Monadnock bldg.....Sutter 411

Burglary Insurance.
National Surety Company (Frank L Gilbert Vice Pres and Pacific Coast Mgr and in charge of California & Nevada) 105 Montgomery..Sutter 2636

Business Colleges.
Heald's Business College, 1215 VanNess av. .....Prospect 1540

Business Training.
Alexander Hamilton Institute, Holbrook bldg. .....Sutter 6555
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Buttons, Bone.
Western Button Factory Inc, 619 Sansome..Sutter 2680

Calculating Machines.
Monroe Calculating Machine Co, 417 Market .....Douglas 3575
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Cans.
American Can Co, Mills bldg.....Douglas 1300

Cargo Surveyors—Appraisers.
Griffin T & Co, 341 Montgomery.....Garfield 2241

Cartons.
Schmidt Lithograph Co, 2d & Bryant....Douglas 200

Cast Iron Pipe.
Central Foundry Company The, Rialto bldg. .....Kearny 1954
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Castings, Acid Resisting & Gray Iron.
United States Cast Iron Pipe & Foundry Co, 3d & Market sts.....Kearny 562

Castings, Gray Iron.
Central Foundry Company The, Rialto bldg. .....Kearny 1954
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Castings, Gray Iron & Brass.
Wood John Mfg Co, 268 Market .....Garfield 1787

Chains, Silent.
Morse Chain Co, Monadnock bldg.....Sutter 1975

Chemical Apparatus, Driers, Digesters, Agitators, etc.
Wood John Mfg Co, 268 Market.....Garfield 1787

Chemicals.
Katzenbach & Bullock Company, Monadnock bldg. .....Sutter 6495

Cities and Towns.
San Francisco Chamber of Commerce (Actively interested in supplying information to industries interested in Pacific Coast Advantages and possibilities, write for specific information) Merchants Exchange bldg.Kearney 112

Clamps.
Brownie Mfg Co, (C W Gause Co, Agts) 693 Mission.....Douglas 1987

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Monadnock bldg.....Garfield 963

Coal Handling Machinery.
Brown Hoisting Machinery Co The, (H D Wright), Monadnock bldg.....Sutter 411

Codes.
Standard Code Co Inc, 235 Montgomery..Kearny 4143

Collars, Cleanable.
Arlington Company, 718 Mission.....Kearny 2704

Columns, Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 3d & Market sts.....Kearny 562

Concrete Mixers.
Koehring Machine Company (Harron, Rickard & McCone), 139 Townsend.....Kearny 2240
Lansing-Company, 338-348 Brannan.....Kearny 2975

Cotton Goods, Commission Merchants.
Cassard, Miron S & Co (Edw Gwyn Lewis) 693 Mission .....Douglas 1162

Cranes.
Brown Hoisting Machinery Co The, (H D Wright), Monadnock bldg.....Sutter 411
Northern Engineering Works, (Woods, Huddart & Gunn) 444 Market S.....Sutter 2720

Cranes (Electric).
Shepard Electric Crane & Hoist Co, 16 California .....Douglas 293
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Culverts, Cast Iron.
United States Cast Iron Pipe & Foundry Co, 3d & Market sts.....Kearny 562

Dental Mnfrs, Switchbds, Sterilizers, Spray Warmers.
Majestic Electric Development Co, 656 Howard .....Sutter 2381

Detective Agencies.
Burns, Wm J, International Detective Agency, The Inc, First National Bank bldg....Sutter 1775
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West Coast Detective Agency, Thos C Gray Mgr, Pacific bldg.....Sutter 1360

Detective and Patrol Service.
Morse Detective & Patrol Service, 602 California.....Sutter 6868

Diabetes & Kidney Specialists.
Randall T J MD (Write this Specialist to-day for information) 25 Third.....Sutter 7067

Dictaphones.
Columbia Graphophone Co, 334 Sutter..Douglas 3524

Die Heads (Self Opening and Adjustable).
Geometric Tool Co The, (General Machinery & Supply Co Rep) 3951 Stevenson....Sutter 6750

Directories (Office Building).
Building Directory Co, Directories sold outright and service maintained, 660 Market st.....Douglas 4215
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) Monadnock bldg. .....Garfield 247

Drafting Room Furniture & Supplies.
Pease C F Company The, (W P Balderston, West Repr) 235 Montgomery.....Kearny 2354

Draying, Forwarding and Exporting.
McNab & Smith, 38 Davis.....Douglas 2131

Dress Shields, All Kinds.
Omo Mfg Co, (De Graff & Palmer) 50 Sansome.....Sutter 6180

Drums, Steel.
Pressed Steel Products Co The, 503 Market.....Sutter 2341

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640

Education.
Alexander Hamilton Institute, Holbrook bldg. .....Sutter 6555
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Elevating Trucks.
Lewis-Shepard Company, (O E Falch Jr, Agt) Hearst bldg.....Kearny 3970

Emery Cloth, Sand Paper & Garnet Paper.
United States Sand Paper Co, (Wright & Lacy Representatives) 244 California.....Douglas 4497

Engineers.
Hunt Robert W & Co, 251 Kearny.....Kearny 4635

Etched Metal Goods, Name Plates, Signs & Spec'lt's.
Irvine & Jachens, 1027 Market.....Market 175

Executive Training.
Alexander Hamilton Institute, Holbrook bldg. .....Sutter 6555
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Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640
Trojan Powder Co, Phelan bldg.....Sutter 998

Export Freight Brokers.
Overseas Shipping Company, Merchants Exchange bldg.....Sutter 4459

Export Merchants.
Willits & Co Inc, 16 California.....Sutter 2895

Felt Shoes and Slippers.
Standard Felt Co, 417 Market.....Garfield 525

Felts.
Standard Felt Co, 417 Market.....Garfield 525

Fibre.
American Vulcanized Fibre Co, (Western Electric Co, Agts) 680 Folsom.....Sutter 6546

Fibre Containers.
American Can Co, Mills bldg.....Douglas 1300

Fire Extinguishers.
Horham Fire Apparatus Co Ltd, (H E Schottler Mgr The Fyr-Fyter Co), 127-129 Mission .....Sutter 312

Fittings.
California Steam Plumbing Supply Co, 671-79 Fifth.....Sutter 737

Fittings, Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 3d and Market sts.....Kearny 562

Floor Drains.
Central Foundry Company The, "Lynn". Rialto bldg.....Kearny 1954
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Forwarding Agents.
Overseas Shipping Company, Merchants Exchange bldg .....Sutter 4459

Foundries.
Central Foundry Company The, Rialto bldg. Kearny 1954
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Foundry Supplies.
Woods, Huddart & Gunn, 444 Market....Sutter 2720

Freight Contractors.
Pacific-Oriental Shipping Co Inc, 16 California .....Sutter 7156
Overseas Shipping Company, Merchants Exchange bldg .....Sutter 4459

Garnet Paper, Sand Paper & Emery Cloth.
United States Sand Paper Co, (Wright & Lacy, Representatives), 244 California.Douglas 4497

Gas Mains.
Central Foundry Company The, Rialto bldg. Kearny 1954
See our Advertisement Outside Back Cover.

Gear Cutting Machinery.
Gews Gear Shaper Co (Eccles & Smith Co, Agts), 71 First .....Kearny 1267

Gears.
Pacific Gear & Tool Works, 1035 Folsom..Market 860

Gravity Conveyors & Spiral Chutes for Boxed Mdse.
Minnesota Manufacturers Association (G E Sturgis Supply House), 604 Mission..Sutter 678

Grinding Machines (Chaser or Die).
Geometric Tool Co The (General Machinery & Supply Co, Rep) 3951 Stevenson....Sutter 6750

Gummed Tape and Moistening Machines.
National Binding Machine Co, 9 Main.....Sutter 868

Handwriting Experts and Criminologists.
Kytka Theodore Laboratory, 2082 Union.Fillmore 653

Hoists.
Brown Hoisting Machinery Co The (H D Wright), Monadnock bldg.....Sutter 411

Hoists (Electric).
Shepard Electric Crane & Hoist Co, 16 California.....Douglas 293
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Importers.
Willits & Co Inc, 16 California.....Sutter 2895

Importers and Exporters.
Andersen A O & Co, 244 California.....Sutter 1426
Inukai K Co, 444 Bush.....Sutter 5045
Miwa T Co, Importers of Japanese Products, Steel Exporters, 24 California....Sutter 659
Ohashi Importing Co, 339-41 Commercial.Douglas 1611
Willits & Patterson (Oriental Oils, Natural products our specialty) No 1 Drumm..Kearny 284

Importers and Exporters, Oriental.
Prescott W, 519 California st.....Kearny 4718

Inks, Marking & Stenciling.
Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
See our Catalog Space, page 1010.
Garvey's Inks and Brushes (E C Buehrer Co), 20 Davis .....Sutter 4594
Ideal Stencil Machine The, (E C Buehrer Co), 20 Davis st.....Sutter 4594
See our Catalog Space, page 1010.

Inspection Bureaus.
Hunt Robert W & Co, 251 Kearny.....Kearny 4635

Ivory Substitutes.
Arlington Company, (Ivory Py-ra-lin), 718 Mission.....Kearny 2704

Jacks, Screw, Ratchet, Hydraulic, Etc.
Duff Mfg Co The, (World's Largest Jack Mnfrs) Monadnock bldg.....Kearny 2251

Japanese Merchandise Importers.
Kai O & Co, 512-518 Grant av.....Douglas 5550

Jewelers' Cases and Trays.
Rueckert Mfg Co, 717 Market.....Kearny 3537

Jewelers' Manufacturing, College Fraternity Badges.
Newman J F, 150 Post.....Douglas 3809

Junk, Scrap Iron and Metals, Wholesale.
Levin M & Sons, 1062-1068 Folsom.....Park 4178

Knitted & Cloth Underwear.
Superior Underwear Co The, 114 Battery..Sutter 892

Labeling Machinery for Bottles, Jars, Etc.
Economic Machinery Co, (C F Beninghoff) Marvin bldg, 24 California.....Sutter 4932

Labels.
National Binding Machine Co, 9 Main...Sutter 868
Schmidt Lithograph Co, 2d and Bryant...Douglas 200

Labels and Stickers (Gold, Plain, Embossed, Gummed).
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Lamp Black and Blacks of all Varieties.
Martin L Co The (L H Butcher Co), 214 Front .....Kearny 5095

Laundry Machinery.
Ross & Burr Laundry Machy Co, 761 Folsom.Kearny 555
Troy Laundry Machinery Co Ltd, 954-956 Mission .....Kearny 2092
See our Catalog Space, page 966
United States Hoffman Machinery Co Inc, 625 Third.....Sutter 3461

Lawyers.
Marchus David E (General practice and special investigator everywhere), 1112 Market...Park 966

Leather Belting.
Alexander Bros Leather Belting, (General Machinery & Supply Co) 39 Stevenson Sutter 6750

Leather, Shoe Supplies for Mfrs. and Repairers.
Dolliver & Bro, 619-621 Mission.....Sutter 3141

Lighting.
National X Ray Reflector Co, (F S Mills, Resident Engineer) Bankers Investment bldg, 742 Market .....Sutter 3126

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co, Lick bldg.....Sutter 6726
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Lighting Fixtures, Electric for all Purposes.
Reflectolyte Company The (J A Drummond, Distributor), 245 Mission.....Douglas 3424
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Lithographers.
Schmidt Lithograph Co, 2d and Bryant..Douglas 200

Lockers, Steel.
Medart Fred Mfg Co, (Paul R Ruben, Rep.) 16 California .....Douglas 876

Machinery, Button Hole & Button Sewing.
Dolliver & Bro, 619-621 Mission.....Sutter 3141

Machinery, New & Used, Specialists, Mining Machry.
Simpson A H Co, 638 Stevenson.....Market 1703

Manhole Frames & Covers.
Central Foundry Company, Rialto bldg..Kearny 1954
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Manufacturers Agents.
Kahn L L, 154 Sutter.....Kearny 4167

Manufacturers' Agents; Steam Engrng Specialties.
Mushet W F Co, 509 Mission.....Sutter 4797

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Manufacturers—Typewriter Ribbons, Carbon Paper, Inks.
Ink Ribbon Manufacturing Co, 61 Fremont. Sutter 1020

Manufacturing Sites.
San Francisco Chamber of Commerce (Actively interested in supplying information to industries; interested in Pacific Coast advantages and possibilities. Write for specific information), Merchants Exch. bldg...Kearny 112

Marine Castings.
Central Foundry Company, Rialto bldg....Kearny 1954
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Marine Insurance.
Anglo-Oriental Shipping Co Inc, 16 California.....Sutter 7156

Milling Tools (Adjustable, Hollow).
Geometric Tool Co The (General Machinery & Supply Co, Rep) 3951 Stevenson....Sutter 6750

Monuments.
Raymond Granite Co Inc, 3 Potrero av....Market 688

Motor Trucks.
Autocar Sales & Service Co of California The, 136 Fremont .....Sutter 1730

Moving Picture Film Renovating.
New Life Process Film Renovating Co (S O Rice) Hewes bldg.....Douglas 751

Mucilage (Dry).
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Musical Instruments.
Guerrini Company (Largest Accordeon Manufacturers in United States), 297 Columbus av .....Kearny 5320

Notary Public, Depositions, Insurance.
Healey W W, Crocker bldg, 612 Market. Kearney 391

Novelties, Wood.
Barlow Bros, 272, 11th.....Market 3007

Office Equipment.
Monroe Calculating Machine Co, 417 Market Douglas 3575
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Office Furniture—Desks, Chairs, Filing Cabinets, Supls.
Wasserkrug Joseph H, 782 Mission.....Sutter 1614

Oil Burners, For Boilers and Heaters.
Johnson S T Co, 1337 Mission.....Market 2759

Oriental Art Goods.
Sing Chong Importing Co, (Wholesale, Retail, Kimonos, Silks, Embroideries, Antiques, Novelties, Porcelains, Ebony Furniture, Bamboo Wares) 601-611 Grant av, China Town. Douglas 1245

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, 602 Mission.....Sutter 4977
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Packing, Rod, Sheet and Hydraulic.
Endura Mfg Co (Pacific Mill & Mine Supply Co) (For Oils, Alkalies & Benzol Products) 616 Mission .....Kearny 622

Paints (Mnfrs.).
Patton Paint Company, 914 Folsom.....Kearny 1793

Paper Letters and Figures (Gummed).
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Paper Manufacturers.
La Monte George & Son, First Natl Bank bldg.....Garfield 946

Peanuts, Imported.
Hale Co The, 16 California.....Sutter 3183

Piano Hammers.
Standard Felt Company, 417 Market....Garfield 525

Pig Iron.
Woods, Huddart & Gunn, 444 Market.....Sutter 2720

Pipe (Cast Iron, B & S Flange, Flexible Joint).
United States Cast Iron Pipe & Foundry Co, 3d and Market.....Kearny 562

Pipe & Casing, New & 2d Hd. All Pipe Tested, Guaranteed.
Pacific Pipe Co, 201 Howard.....Douglas 2233

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, Chronicle bldg .....Sutter 6640

Power Transmission.
Morse Chain Co, Monadnock bldg.....Sutter 1975

Price Cards.
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Printers, Commercial.
Commercial Printing & Supply Co, Inc, 560 Mission .....Sutter 2624

Printing Machinery, Type & Supplies.
American Type Founders Co, 820-822 Mission .....Sutter 1950
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Monotype Company of California, Rialto bldg .....Sutter 6275
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Public Stenographer.
Schimpf, Matilda J, Monadnock bldg, 681 Market .....Garfield 247

Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories) Monadnock bldg .....Garfield 247

Pumps, Hand and Power for All Uses.
Deming Co The, (Simonds Machinery Co, Rep) 117 N Montgomery.....Kearny 1457

Pyrometers.
Brown Instrument Co The, 576-584 Mission .....Kearny 3493

Rails.
San Francisco Iron and Metal Co, 256 North Point.....Douglas 2410

Range Boilers and Expansion Tanks.
Wood John Mfg Co, 268 Market.....Garfield 1787

Reflectors.
Myers A L & Co, 111 New Montgomery. Garfield 1310
National X-Ray Reflector Co, (F S Mills, Resident Engineer) Bankers Investment bldg, 742 Market .....Sutter 3126

Restaurant Checking Systems and Coupon Books.
National Checking Company, 1224 Taylor. Prospect 3463

Rolled Glass.
Western Glass Co The, (L H Butcher Co Agts), Marine bldg.....Kearny 5095

Safety-Efficiency Devices.
Johnson A W V, Merchants Exch bldg....Sutter 2988

Safety Paper.
La Monte George & Son, First Natl Bank bldg.....Garfield 946

Sanitariums, Liquor & Drug Habits.
Keeley Institute, 2420 Webster.....Fillmore 3963
Park Sanatorium, (R E Bering, MD) 1500 Page.....Market 8048

Sanitariums—Mental & Nervous Diseases, Drug Habits.
Minerva Sanatorium, (C A Stritzinger Supt) 1123 Devisadero.....West 2004

Sand Paper, Emery Cloth and Garnet Paper.
United States Sand Paper Co, (Wright & Lacy Representatives), 244 California.....Douglas 4497

Scales.
Merrick Scale Mfg Co, Rialto bldg.....Kearny 5374

Schools, Army and Navy Preparatory.
Drew's Army & Navy & College Preparatory School, 2901 California.....West 7069

Scrap Iron, Rubber and Metals, Wholesale.
Levin M & Sons, 1062-1068 Folsom.....Park 4178

Sheet Metal Work.
Rees Blow Pipe Mfg Co, 340, 7th.....Market 3345

Sheetings (Sanitary), Infants Goods.
Omo Mfg Co (De Graff & Palmer) 50 Sansome .....Sutter 6120

Sheetings, Transparent & Colored.
Arlington Company (Py-ra-lin), 718 Mission .....Kearny 2704

Signs (Changeable).
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Silver & Plated Wares, Also Hotel & Premium Silver.
Wallace R & Sons Mfg Co (W L Glenn Mgr) 85 Post .....Douglas 1179

Silversmiths.
Rogers Lunt & Bowlen Co, 140 Geary....Kearny 5851

Soil Pipe.
Central Foundry Company The, Rialto bldg .....Kearny 1954
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Steam Traps.
Corliss Valve Steam Trap (O M Simmons Co) Holbrook bldg, 58 Sutter.....Douglas 5497

Steel Plate Work.
Petroleum Iron Works Company of Ohio The, 508 Market .....Sutter 2341

Steel Sheets, Black and Galvanized.
McVoy Sheet & Tin Plate Co (W S Hanford Mgr), St. Claire bldg.....Sutter 1845

Stencil Cutting Machines.
Bradley Stencil Machine Co (Moise-Klinkner, Agts), 363-369 Market.....Sutter 7040
Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
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Ideal Stencil Machine The (E C Buehrer Co) 20 Davis.....Sutter 4594
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Stencil & Marking Inks.
Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
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Garvey's Inks & Brushes (E C Buehrer Co) 20 Davis .....Sutter 4594

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corp, Wells Fargo bldg .....Sutter 809
See our Catalog Space, page 1010
Ideal Stencil Machine The (E C Buehrer Co) 20 Davis .....Sutter 4594
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Stickers & Labels (Gold, Colors, Plain, Embossed, Gum'd
Tablet & Ticket Co The, 111 New Montgomery .....Douglas 250

Sugar.
California & Hawaiian Sugar Refining Co, 230 California st .....Douglas 3380

Surety Bonds.
National Surety Company (Frank L Gilbert, Vice-Pres & Pacific Coast Mgr and in charge of Cal & Nev), 105 Montgomery.....Sutter 2636

Tank Cars—Built, Rebuilt and Repaired.
Pennsylvania Tank Car Co, 503 Market...Sutter 2341

Tank Cars—Leased.
Pennsylvania Tank Line, 503 Market.....Sutter 2341

Tanks, Steel.
Petroleum Iron Works Company of Ohio The, 503 Market.....Sutter 2341
Wood John Mfg Co, 268 Market.....Garfield 1787

Tanks, Steel, Boilers and Stacks.
Ocean Shore Iron Works, 550, 8th.....Market 462

Taps (Adjustable Collapsing).
Geometric Tool Co The (General Machinery & Supply Co, Rep) 3951 Stevenson.....Sutter 6750

Telephones, Interior Factories, Apartment Buildings.
Connecticut Telephone & Electric Co (A L Myers & Co) 111 New Montgomery...Garfield 1310

Testing Laboratories.
unt Robert W & Co, 251 Kearney.....Kearney 4635

Threading Machines.
Geometric Tool Co The (General Machinery & Supply Co, Rep) 3951 Stevenson.....Sutter 6750

Time Stamps & Cost Keeping Systems.
Baird Equipment Co (E C Buehrer Co, Agts) 20 Davis .....Sutter 4594

Tin Plate.
McVoy Sheet & Tin Plate Co (W S Hanford Mgr) St Claire bldg .....Sutter 1845

Toilet Articles and Sets.
Arlington Company, 718 Mission.....Kearny 2704

Tramrail Systems.
Brown Hoisting Machinery Co The (H D Wright), Monadnock bldg .....Sutter 411

Trucks, Elevating.
Lewis-Shepard Company, (O E Falch Jr, Agt) Hearst bldg .....Kearny 3970

Trucks, Industrial.
Lansing-Company 338-348 Brannan.....Kearny 2975

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 820-822 Mission .....Sutter 1950
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Monotype Company of California, Rialto bldg.Sutter 6275
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Typewriters—Portable.
Corona Typewriter Company Inc, 546 Market .....Sutter 3038

Universal Cast Iron Pipe.
Central Foundry Company The, Rialto bldg.Kearney 1954
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Upholstery and Drapery Fabrics.
Rogers M H, 239 Geary.....Kearney 5045

Valve Boxes.
Central Foundry Company The, Rialto bldg .....Kearney 1954
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Valves.
California Steam & Plumbing Supply Co, 671-679 Fifth .....Sutter 737

Warehouses, Distributing & Forwarding.
Haslett Warehouse Co The, 310 California Kearny 2522
San Francisco Warehouse Co, 625 Third..Sutter 3461
South End Warehouse Co, 631 Second..Kearny 2200

Waste—Cotton, Wool and Packing.
Royal Manufacturing Company (T H Speddy & Co, Rep) 85, 2d.....Kearny 2393

Water Mains.
Central Foundry Company The, Rialto bldg.Kearny 1954
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Weather Strips.
Monarch Metal Weather Strip Co The (Richard Spencer, Distributor) Hearst bldg....Kearny 2915
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Welders.
Wood John Mfg Co, 268 Market.....Garfield 1787

Welding Apparatus.
Davis-Bournonville Co, 602 Mission.....Sutter 4977
See our Catalog Space, page 1023

Welding, Heavy Parts, Thermit Welding Apparatus.
Goldschmidt Thermit Co, 829-833 Folsom.Kearny 3635

Wheelbarrows.
Lansing-Company 338-348 Brannan.....Kearny 2975

Wire Glass.
Western Glass Co The (T H Butcher Co, Agts) Marine bldg .....Kearny 5095

Wire Manufacturers.
United States Steel Products Co Rialto bldgSutter 2500

Wire Rope Manufacturers.
Moon George C Co Inc, 149 California.....Sutter 1939

Wire Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method) 112 Market .....Sutter 6273

Wrenches.
Walden-Worcester Inc (C N & F W Jonas) 111 New Montgomery.....Kearny 5237

SANTA BARBARA

Real Estate.
Dreyfus Louis G & Son (Real Estate, Furnished Residences and Insurance), 1225 State .....Santa Barbara 111

STOCKTON

Detective Agencies.
Hannan Patrol and Detective Service The, 122 E Main.....Stockton 1579

Reamers.
Whitman & Barnes Mfg Co The (C H Klieves Rep) .....Stockton 2798

Twist Drills.
Whitman & Barnes Mfg Co The (C H Klieves Rep) .....Stockton 2798

WEST ALHAMBRA

Felt Shoes & Slippers.
Standard Felt Co.....Sunset-East 9

Felts.
Standard Felt Co.....Sunset-East 9

Piano Hammers.
Standard Felt Co.....Sunset-East 9

COLORADO
Rand McNally's New 11 x 14 Map of Colorado.
SCALE
Statute Miles, 40 = 1 Inch.
RAILROADS
ELECTRIC LINES
WYOMING
NEBRASKA
KANSAS
OKLAHOMA
UTAH
ARIZONA
NEW MEXICO
MOFFAT
ROUTT
JACKSON
LARIMER
WELD
CHEYENNE
KIMBALL
BANNER
LOGAN
SEDGWICK
PHILLIPS
PERKINS
CHASE
DUNDY
YUMA
WASHINGTON
KIT CARSON
CHEYENNE
KIOWA
BENT
PROWERS
OTERO
CROWLEY
LINCOLN
ELBERT
DOUGLAS
ARAPAHOE
ADAMS
MORGAN
GRAND
RIO BLANCO
GARFIELD
EAGLE
SUMMIT
CLEAR CREEK
GILPIN
JEFFERSON
PARK
TELLER
EL PASO
PUEBLO
CUSTER
FREMONT
CHAFFEE
GUNNISON
MESA
DELTA
MONTROSE
OURAY
SAN MIGUEL
DOLORES
SAN JUAN
MINERAL
RIO GRANDE
ALAMOSA
SAGUACHE
HINSDALE
LAKE
LA PLATA
MONTEZUMA
ARCHULETA
CONEJOS
COSTILLA
HUERFANO
LAS ANIMAS
BACA
PITKIN
Denver
Colorado Springs
Pueblo
Cripple Creek
Leadville
Aspen
Durango
Trinidad
Pagosa Springs
Rocky Ford
Lamar
Fort Collins
Greeley
Steamboat Springs
Glenwood Springs
Gunnison
Montrose
Salida
Canon City
Breckenridge
Central City
Golden
Fairplay
Buena Vista
Silverton
Ouray
Telluride
Rico
Creede
Monte Vista
Alamosa
Saguache
Lake City
Cortez
Mesa Verde Nat. Pk.
Ute Indian Reservation
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COLORADO

COLORADO

Land area		103,658
Water area		290
Population	(Estimated)	975,190
White		783,415
Negro		11,453
All others		4,156
Foreign-born white	(U. S. Census 1910)	126,851
Native white		656,564
Male		430,697
Female		368,327

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

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2	Aspen	F 8
12	Boulder	C 13
1	Brush	C 18
1	Buena Vista	G 9
5	Canon City	H 12
2	Central City	D 11
4	Colorado City	G 14
3	Colorado Springs	G 15
6	Cripple Creek	G 12
1	Delagua	L 14
2	Delta	G 4
61	Denver	E 13
5	Durango	L 5
1	Eaton	B 15
3	Englewood	E 14
3	Florence	H 13
2	Ft. Collins	B 13
3	Ft. Morgan	C 17
1	Georgetown	D 11
2	Glenwood Springs	E 7
2	Golden	D 12
1	Goldfield	H 14
5	Grand Junction	F 2
1	Greeley	B 14
1	Gunnison	H 7
2	Idaho Springs	E 11
	Julesburg	A 22
	Lafayette	D 14
	La Junta	J 18
	Lamar	I 21
	Las Animas	I 19
	Leadville	F 10
	Littleton	E 14
	Longmont	C 14
	Louisville	D 13
	Loveland	C 13
	Manitou	G 13
	Monte Vista	K 9
	Montrose	H 4
	Ouray	I 5
	Paonia	G 6
	Pueblo	I 15
	Rockvale	I 13
	Rockyford	J 17
	Salida	H 11
	Silverton	J 5
	Steamboat Springs	B 7
	Sterling	B 19
	Telluride	J 4
	Trinidad	L 15
	Victor	H 13
	Walsenburg	K 15
	Wray	C 22

ulation—Hundreds

	Aguilar	K 15
	Akron	C 19
	Antonito	L 11
4	Argo	D 13
8	Arvada	D 13
6	Ault	B 14
7	Aurora	D 14
8	Berthoud	C 13
7	Berwind	L 15
7	Blackhawk	D 12
6	Blanca	K 12
8	Breckenridge	E 11
9	Brighton	D 14
5	Clifton	F 3
7	Coalcreek	I 13
4	Como	F 11
6	Cortez	L 2
7	Creede	J 7
9	Crested Butte	G 8
8	Del Norte	K 9
7	Edgewater	D 13
7	Engle	L 15
6	Erie	D 13
4	Estes Park	B 12
6	Evans	C 15
6	Fort Lupton	C 14
4	Fountain	H 15
9	Fowler	I 16
9	Fruita	F 2
6	Graycreek	L 16
5	Hartman	I 22
7	Hastings	L 14
7	Holly	I 23
7	Holyoke	B 21
6	Hotchkiss	G 5
5	Independence	H 13
4	La Jara	L 10
7	La Veta	K 14
5	Limon	F 17
6	Lyons	C 12
8	Manassa	L 11
6	Mancos	K 3
4	Manzanola	I 17
8	Marble	G 7
8	Meeker	C 5
4	Montclair	E 14
4	Nederland	D 12
5	New Castle	E 5
5	Olathe	H 5
7	Ordway	I 17
7	Pagosa Springs	L 8
9	Palisades	F 3
4	Plattville	C 14
7	Rifle	E 5
6	Saguache	J 10
6	Sanford	L 11
5	San Luis	L 12
6	Segundo	L 14
5	Silver Plume	E 11
6	Sopris	L 15
6	Starkville	L 15
5	Stratton	F 21
8	Sugar City	I 17
5	Wellington	B 14
6	Williamsburg	I 13
9	Windsor	B 14

CANON CITY

nned Goods, Cider Vinegar.

ıdcrest Fruit & Canning Companies The 8th and Water.....Canon City 112

DENVER

countants—Certified Public.

ıs & Morris, Foster bldg.....Main 819

ding Machines.

e Calculating Machine Co, 1639 ıampa .....Main 1024
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Addressing Machines.

Addressograph Co (Kistler Stationery Co Agts) 1636-46 Champa .....Main 4200
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Stickney & Montague, Direx-all, Chamber of Commerce bldg .....Champa 2844

Ammonia—Chemically Pure.

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

Ammonia, Anhydrous.

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

Aqua Ammonia.

Western Chemical Manufacturing Co The, Osage and W Bayaud av.....South 2666

Artificial Limbs.

Gaines-Erb Co The, 1557 Larimer.....Main 7083

Autographic Registers and Roll Printed Stationery.

United Autographic Register Co, Kittredge bldg .....Main 2974

Autographic Registers & Roll Printers.

Egry Register Co The (F E Ward, agt) G & E bldg.....Champa 3988
Globe Register Co The, (W H Kistler Stationery Co The) 1636 Champa.....Main 4200

Automobile Bodies & Trailers.

Woeber Car & Manufacturing Co The, 1346 Eleventh .....Main 941

Belt Dressing.

Cling Surface Co, First National Bank bldg .....Champa 982

Belting.

Alexander Bros Leather Belting (The M J O'Fallon Supply Co) 1625, 15th.....Main 6530

Belting, Leather.

Detroit Oak Belting Co (Hendrie & Bolthoff Machinery & Supply Co), 1639, 17th....Main 75

Bindings—Bias.

Omo Mfg Co (DeGraff & Palmer) Foster bldg .....Champa 2492

Blasting Supplies and Explosives.

Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

Bonds, Guarantee.

National Surety Company (Ralph W Smith Vice Pres & Mgr Western Dept in charge of Wash, Oregon, Idaho, Montana, Wyoming, Utah, Colorado & New Mexico) Coronado bldg.Main 852

Bonds, Surety.

National Surety Company (Ralph W Smith Vice Pres & Mgr Western Dept in charge of Wash, Oregon, Idaho, Montana, Wyoming, Utah, Colorado & New Mexico) Coronado bldg..Main 852

Brass Founders & Finishers.

Denver Brass Works Co (Specializing in repair parts for Locomotive Injectors) 1221-1231, 12th .....Main 2135

Bridges, Steel.

American Bridge Co, First National Bank bldg .....Main 1217

Burglary Insurance.

National Surety Company (Ralph W Smith Vice Pres & Mgr Western Dept in charge of Wash, Oregon, Idaho, Montana, Wyoming, Utah, Colorado & New Mexico) Coronado bldg..Main 852

Calculating Machines.

Monroe Calculating Machine Co, 1639 Champa .....Main 1024
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Cans.

American Can Co, Foster bldg.....Main 3049

Cartons, Folding Paper.

Chicago Carton Company (T A Dixon Co Rep) 1526 Blake .....Champa 645
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Chain Manufacturers.

Jeffrey Mfg Co The, First National Bank bldg .....Main 388

Chemicals.

Norcross Chemical Co, Ideal bldg.....Champa 5683

Cleaning Specialties—Efficiency Service Free.

Ford J B Co The (C K Zott Rep) 2708 E 14th av.....York 9349

Coal Mining Machinery.

Jeffrey Mfg Co The, First National Bank bldg .....Main 388

Collecting Agencies and Mercantile Adjustments.

Colorado Credit Service, Gas & Electric bldg .....Main 2360

Color Plate Makers and Printers.

Brock-Haffner Press Co The, 1400 Arapahoe.Main 6210

Conveying, Elevating & Power Transmission Machinery.

Jeffrey Mfg Co The, First National Bank bldg .....Main 388

Crushing & Pulverizing Machinery.

Jeffrey Mfg Co The, First National Bank bldg .....Main 388

Detective Agencies.

Burns Wm J, International Detective Agency The Inc, 421-24 Cooper bldg.....Main 4439
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De Lue, Leonard Detective Agency, 524 Gas & Electric bldg .....Main 8478

Dress Shields—All Kinds.

Omo Mfg Co, (De Graff & Palmer) Foster..... bldg .....Champa 2492

Dynamite and Blasting Supplies.

Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

Electric Lighting Fixtures for all Purposes.

Brascolite (The New England Electric Co. Distributors) 1951-3 Lawrence.....Main 610
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DENVER—continued

Electrical Supplies, Heating Appliances, Etc.
New England Electric Co The, 1951-3 Lawrence ..... Main 610

Electrolyte.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Engravers Printing and Post Cards.
Brock-Haffner Press Co The, 1400 Arapahoe. Main 6210

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

Fibre Containers.
American Can Co, Foster bldg ..... Main 3049

Fibre Shipping Containers.
Chicago Carton Company (T A Dixon Co, Rep), 1526 Blake ..... Champa 645
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Fire Places.
McElhinney Tile & Marble Co The (Complete Fireplaces, Including Dampers, Grates and Fixtures) 425, 17th ..... Main 5599

Gas and Electric Light Fixtures.
Sechrist Albert Mfg Co The, 1717 Logan.. Main 6512

Hotels.
Savoy Hotel Co The New, Broadway and 17th av ..... Main 4981

Hydrochloric Acid—Chemically Pure.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Iron and Steel
Federal Tool & Alloyed Steel Corporation, Boston bldg ..... Champa 4208

Leather Belting.
Alexander Bros Leather Belting (The M J O'Fallon Supply Co) 1625, 15th ..... Main 6530

Lockers, Steel.
Medart Fred Mfg Co (Office Equipment Co, Rep) 1733 Champa ..... Main 7733

Mixed Acid—Any Formula.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Motor Trucks.
Autocar Sales & Service Co The (Harrison Motor Car Co), 1728 Glenarm ..... Champa 2384

Muriatic Acid—Commercial and Chemically Pure.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Nitre Cake.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Nitric Acid—Commercial and Chemically Pure.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (Hendrie & Bolthoff Mfg & Supply Co) (For Oils, Alkalies & Benzol Products) 1639, 17th ..... Main 75

Paints and Waterproofing—
Western Elaterite Roofing Co The (Elaterite), Equitable bldg ..... Main 2575

Paper Boxes, Folding.
Chicago Carton Company (T A Dixon Co Repr) 1526 Blake ..... Champa 645
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Parcel Post & Express-Carriers
Chicago Carton Company (T A Dixon Co Repr) 1526 Blake ..... Champa 645
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Plumbers' Supplies.
Hedges-Atkins Supply Co The, 1834 Blake.. Main 1606

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, Ideal bldg ..... Main 214

Printing Machinery Type & Supplies.
American Type Founders Co, 1621 Blake... Main 1764
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Public Stenographers.
Patterson Anna H, Ideal bldg, Adams Hotel. Main 5656

Pumps, Hand & Power for All Purposes.
Deming Co The (Hendrie & Bolthoff Mfg & Supply Co Repr) ..... Main 75

Pyrometers.
Brown Instrument Co The, 1742 Champa... Main 607

Radium Products.
Colorado Radium Products Company The, First National Bank bldg ..... Main 7987

Railway Signals.
Protective Signal Mfg Co The, 1421 Eighteenth ..... Main 8060

Roofing.
Western Elaterite Roofing Co The (Elaterite), Equitable bldg ..... Main 2575

Salt Cake.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Sheetings (Sanitary)—Infants Goods.
Omo Mfg Co (De Graff & Palmer) 314 Foster bldg ..... Champa 2492

Steel.
Federal Tool & Alloyed Steel Corporation, Boston bldg ..... Champa 4208

Stocks—Oil.
Wageley D S, First National Bank bldg.... Main 7987

Structural Steel.
American Bridge Company, First National Bank bldg ..... Main 1217

Sulphuric Acid, Chemically Pure.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Sulphuric—Any Strength Including Oleum.
Western Chemical Manufacturing Co The, Osage and W Bayaud av ..... South 2666

Surety Bonds.
National Surety Company (Ralph W Smith Vice Pres & Mgr Western Dept in charge of Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado & New Mexico), Coronado bldg ..... Main 852

Surgical and Hospital Supplies.
Durbin J, Surgical Supply Co, 1508 Curtis.. Main 1667

Tiles and Marble.
McElhinney Tile & Marble Co The, 425, 17th. Main 5599

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 1621 Blake... Main 1764
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Typewriters—Portable.
Corona Typewriter Company Inc, 1627 Champa ..... Main 5585

Wagons—Spring.
Woeber Car & Manufacturing Co, 1346 Eleventh ..... Main 941

Water Supply Systems.
Hedges-Atkins Supply Co, 1834-36 Blake.. Main 2906

Wire Manufacturers.
American Steel & Wire Co, First National Bank bldg ..... Main 1217

MANITOU

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Manitou Mineral Water Company The.... Hyland 12
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Carbonated Water.
Manitou Mineral Water Company The... Hyland 12
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Ginger Ale.
Manitou Mineral Water Company The.... Hyland 12
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Ginger Champagne.
Manitou Mineral Water Company The, .. Hyland 12
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Mineral Waters.
Manitou Mineral Water Company The... Hyland 12
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Natural Waters.
Manitou Mineral Water Company The.... Hyland 12
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Non-Intoxicating Beverages.
Manitou Mineral Water Company The.... Hyland 12
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Spring Water.
Manitou Mineral Water Company The.... Hyland 12
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Waters Medicinal & Mineral.
Manitou Mineral Water Company The.... Hyland 12
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CONNECTICUT

ANSONIA

Commutators, Segments & Armature Coils.
Cameron Electrical Mfg Co The, 208 Main.Derby 661

Linoleum Machinery.
Farrel Foundry & Machine Co, 30 Main.....Derby 148

Real Estate, Insurance, Mortgages.
Grossman Murray A, 263 Main.....Derby 175

Rolling Mills—Brass, Copper, Silver & Lead.
Farrel Foundry & Machine Co, 30 Main....Derby 148

Rolls—Chilled Iron & Grey Iron.
Farrel Foundry & Machine Co, 30 Main...Derby 148

Rubber Mill Machinery.
Farrel Foundry & Machine Co, 30 Main...Derby 148

Screw Machine Products, Stampings, etc.
Ansonia Mfg Co, River rd.....Derby 926

Sugar Mill Machinery.
Farrel Foundry & Machine Co, 30 Main....Derby 148

BETHEL

Cabinet Work, Special Furniture, Store Fixtures.
Bethel Rustic Works Co .....Danbury 868-14

Hat Sweat Leathers and Supplies.
Shepard Geo A & Sons Co The, Henry....Danbury 1340

Leather—Case, Lining and Fancy Skivers.
Shepard Geo A & Sons Co The, Henry...Danbury 1340

Rustic Work of All Kinds.
Bethel Rustic Works Co.....Danbury 868-14

BRIDGEPORT

Accountants.
Clark Earl S Co, 1089 Broad.....Barnum 4800

Appraisers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Arm Making Machinery.
Max Machine Co The, Scofield av...Barnum 5780

Children's Muslin Underwear.
Thos P Co The, 174 James.....Barnum 783

Consulting Engineers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Engineers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Engineers, Industrial.
Clark Earl S Co, 1089 Broad.....Barnum 4800

Experimental Work.
Electric Compositor Company, (Highest grade Machinery and Scientific Apparatus designed, built and tooled on contract) 856 Broad....Barnum 1840

Fire Escapes, Stairs, Iron Fences & Gates.
Kruchkow Bros, 157 Stratford av.....Barnum 6351

Hardware—Casket. Also Steel & Brass Stampings.
Bridgeport Silverware Mfg Corp The, 65 Holland av .....Barnum 7477

Industrial Engineers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Link Belting, Steel.
Locke Steel Chain Co The,.....Barnum 5737

Machinery, Bias Fabric Strips.
Adams A L, 307 Center.....Barnum 989

Mechanical Engineers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Metal Stamping.
Hollander Bros. Co, cor George and Oak..Barnum 2515

Metal Stamping (Light).
Special Machinery Co, 183 John.....Barnum 1017

Metal Treating and Tool Hardening.
Connecticut Metal Treating Co Inc, 207 Knowlton .....Noble 187

Metals & Iron (New & Old).
Jacob Bros, 55 Kossuth.....Barnum 236

Mill Architects.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Milling Cutters, Reamers, End Mills, Tools.
Bridgeport Cutter Works Inc, 50 Remer..Barnum 5216

Motor Trucks.
Autocar Sales & Service Co The (Erwin M Jennings Co), 277 Fairfield av....Barnum 5080

Real Estate.
Robins (Connecticut) Inc, First Natl Bank bldg. .....Barnum 6151

Refrigerating Engineers.
Fletcher-Thompson Incorporated, 1089 Broad .....Barnum 4800

Rolling, Nonferrous Metals Exact Gauging.
Handy & Harman.....Barnum 377

Sash Operators.
Drouve G Company The, 44 Drouve.....Barnum 540

Skylights, Puttyless.
Drouve G Company The, 44 Drouve.....Barnum 540

Steel Tanks.
Cave Welding & Mfg Co, 303 Center.....Barnum 1383
Other Shops Holyoke, Springfield, Hartford, Norwich.

Structural Steel and Plate Work.
Porcupine Company The, Hancock and Wordin av .....Barnum 5066

Tents and Couch Hammocks.
Connecticut Canvas Mfg Co The.....Barnum 7173

Welders.
Cave Welding & Mfg Co, 303 Center....Barnum 1383
Other Shops Holyoke, Springfield, Hartford, Norwich.

Wire Forming.
Hollander Bros Co, cor George and Oak..Barnum 2515

BRISTOL

Screw Machine Products.
Wallace Barnes Co The, 30 Main.....Bristol 670

Spring Washers.
Wallace Barnes Co The, 30 Main.....Bristol 670

Springs Flat (All Kinds).
Wallace Barnes Co The, 30 Main.....Bristol 670

Springs Wire (All Kinds).
Wallace Barnes Co The, 30 Main.....Bristol 670

Stampings, Small Metal.
Wallace Barnes Co The, 30 Main.....Bristol 670

Steel, Ribbon Cold Rolled (High-Low Carbon).
Wallace Barnes Co The, 30 Main.....Bristol 670

CENTERBROOK

Brushes—For Bottle, Goblet and Toilet Cleaning.
Looby Wm H Brush Works (Get our Prices for Dairy, Sanitary and Goblet Brushes. Immediate deliveries) .....Saybrook 149-4

CENTRAL VILLAGE

Agricultural Goods Mfrs. Ox Yokes & Stable Forks.
Torrey Bros Co The,.....Central Village 62-2

Sporting Goods Mfrs (Wood) Hockey & Polo Sticks.
Torrey Bros Co The,.....Central Village 62-2

CROMWELL

Flower and Plant Growers—Palms, Etc.
Cromwell Gardens (A N Pierson Inc)..Middletown 224

Nurseries.
Cromwell Gardens (A N Pierson Inc)..Middletown 224

DANBURY

Contract Machine Work.
Turner Machine Company, 28-40 Maple av.Danbury 17

Hat Mnfrs.—Rough.
McLachlan George, Thorpe.....Danbury 758

CONNECTICUT
SCALE
Statute Miles. 101 = 1 Inch.
0 1 2 3 4 5 10 15 20
Rand McNally's 11 x 14 Map of Connecticut.
Copyright by Rand McNally & Co.
MASSACHUSETTS
RHODE ISLAND
NEW YORK
LONG ISLAND SOUND
GARDINERS BAY
Longitude West from Greenwich
Hartford
New Haven
Bridgeport
Waterbury
New London
Norwich
Middletown
Meriden
Torrington
Winsted
Willimantic
Putnam
Danbury
New Milford
Litchfield
Stonington
Groton
Mystic
Westerly
Saybrook
Essex
Old Lyme
Lyme
Clinton
Guilford
Branford
Milford
Ansonia
Derby
Naugatuck
Torrington
Thomaston
Plymouth
Bristol
Farmington
Simsbury
Windsor
Tolland
Stafford
Ellington
Vernon
Manchester
Glastonbury
Rocky Hill
Wethersfield
Newington
Berlin
Cheshire
Wallingford
Meriden
Middletown
Portland
Colchester
Hebron
Marlborough
Willimantic
Mansfield
Coventry
Andover
Hampton
Brooklyn
Killingly
Plainfield
Voluntown
Ledyard
Fishers Island
Gardiners Island
Shelter Island
Montauk
Housatonic River
Thames River
Connecticut River
Long Island Sound

CONNECTICUT

Land area	4,820
Water area	145
Population (Estimated)	1,254,926
White	1,098,897
Negro	15,174
All others	685
Foreign-born white (U. S. Census 1910)	328,759
Native white	770,138
Male	563,642
Female	551,114

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Population—Thousands

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2	Brooklyn	D 21
3	Canton	D 10
2	Cheshire	H 10
2	Cromwell	F 13
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3	Danielson	D 22
4	Darien	M [illegible]
[illegible]	Derby	J 7
2	East Haddam	H 16
[illegible]	East Hartford	D 13
2	East Haven	J 11
2	East Lyme	J 13
3	East Windsor	C 13
2	Ellington	C 15
2	Enfield	B 14
[illegible]	Essex	I 16
[illegible]	Fairfield	L 6
[illegible]	Forestville	E 10
[illegible]	Glastonbury	E 14
[illegible]	Greenwich	M 1
[illegible]	Groton	I 20
	Haddam	H 14
	Hamden	I 10
1	Hartford	D 12
	Jewett City	F 21
	Kensington	F 11
	Manchester	D 15
	Mansfield	D 18
	Meriden	G 11
	Middletown	G 12
	Milford	K 8
	Montville	H 19
	Moosup	E 22
	Mystic	I 22
	Naugatuck	H [illegible]
	New Britain	F 12
	New Canaan	L 3
	New Hartford	C 8
[illegible]	New Haven	J 9
	Newington	E 11
	New London	I 19
	New Milford	G 4
	North Grosvenor Dale	B 21
2	North Haven	I 10
27	Norwalk	L 3
21	Norwich	G 19
7	Plainfield	E 22
3	Plainville	F 11
5	Plymouth	F 8
2	Pomfret	C 20
3	Portland	G 13
7	Putnam	B 22
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4	Salisbury	B 3
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5	Seymour	I 7
2	Sharon	C 3
5	Shelton	J 7
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2	Somers	B 15
4	Southington	F 11
7	South Manchester	D 14
10	South Norwalk	M 4
2	South Windsor	D 14
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31	Stamford	M 2
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4	Suffield	B 13
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4	Thomaston	F 7
6	Thompsonville	B 14
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amsville Buff Mfg. Co, 24 School..Danielson 181

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Kelly F Co The, Housatonic av nr Park....Derby 179

Safety Pins.

Kelly F Co The, Housatonic av nr Park....Derby 179

EAST BERLIN

Jewels, Agate, Mnfrs.

Mildrum W W Jewel Co The.....East Berlin 673-13

Jewels, Electrical Instrument, Mnfrs.

Mildrum W W Jewel Co The.....East Berlin 673-13

Jewels for Scientific Instruments, Mnfrs.

Mildrum W W Jewel Co The.....East Berlin 673-13

Jewels, Garnet, Mnfrs.

Mildrum W W Jewel Co The.....East Berlin 673-13

Jewels, Sapphire, Mnfrs.

Mildrum W W Jewel Co The.....East Berlin 673-13

EAST HADDAM

Netting for Fishing Purposes

National Net & Twine Company....East Hampton 148-2
See our Catalog Space, page 983.

EAST HARTFORD

Ladders, Safety Reinforced Extension.

Safety Ladder Co Inc The, 200 Polland....Laurel 584

ESSEX

Motor Boats, Launches, Etc.

Dauntless Shipyard Inc.....Saybrook 12-12

Spokes—Wire for Bicycles & Automobiles.

Tiley Pratt & Co.....Saybrook 54-2

GREENWICH

Interior Decorators.

Norris A J & Co, 67-69 Arch.....Greenwich 818

GROTON

Pattern & Model Makers, Aeroplane Propellers.

Ball N F, Thames.....Groton 1206-2

HARTFORD

Accountants.

Clark Earl S Co, Connecticut Mutual bldg. .....Bushnell 234

Adding Machines.

Monroe Calculating Machine Co, 647 Main.Charter 7502
See our Catalog Space, page 905.

Addressing Machines.

Addressograph Co, (H C DeCourcy Dist Mgr), 647 Main .....Charter 7966
See our Catalog Space, page 907.

Advertising Novelties.

Individual Key Ring Co, P O Box 929....Charter 816

Appraisers.

Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Autographic Registers and Roll Printers.

Egry Register Co The, (S M Wells, Sales Agt), 7 Haynes.....Charter 3310

Bags, Bagging, Burlaps, etc. for all Purposes.

Connecticut Burlap Bag Co, 64-66 Pleasant .....Charter 8462

Bags, Bagging, Sewed Burlap & Burlap Strips.

Eastern Burlap Bag Co The, 95 Commerce.Charter 9974

Calculating Machines.

Monroe Calculating Machine Co, 647 Main.....Charter 7502
See our Catalog Space, page 905.

Chemists, Analytical and Consulting.

Souther Henry Engineering Co The, 11 Laurel .....Charter 3300

Consulting Engineers.

Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Dumb Waiters.

Page Ralph E (Sedgwick Machine Wks Inc) 404 Farmington av.....Elizabeth 1440
See our Catalog Space, page 943.

Electrical Supplies & Lighting Fixtures.

Electric Supply & Equipment Co The Inc, 103 Allyn .....Charter 4577

Enameling Oven Mnfrs.

Cullen & Atkinson Co The, 120 Allyn...Charter 6548

Engineers, Industrial.

Clark Earl S Co, Connecticut Mutual bldg. .....Bushnell 234

Fences, Iron & Wire, Also Chain Link Netting.

Anchor Post Iron Works 902 Main ..... Charter 248

Hotels.

Hotel Garde, 370 Asylum.....Charter 2470

Industrial Engineers.

Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Insurance Companies, Accident.

Travelers Insurance Co The, (Branch Offices in all Large Cities), 700 Main.....Charter 1930

Insurance Companies, Automobile.

Travelers Insurance Co The, (Branch Offices in all Large Cities), 700 Main.....Charter 1930

Insurance Companies, Compensation & Liability.

Travelers Insurance Co The, (Branch Offices in all Large Cities), 700 Main.....Charter 1930

HARTFORD—continued

Insurance Companies, Indemnity.
Travelers Indemnity Co The, (Branch Offices in all Large Cities), 700 Main.....Charter 1930

Insurance Companies, Life.
Travelers Insurance Co The, (Branch Offices in all Large Cities), 700 Main.....Charter 1930

Iron Fences, Railings, Gates, Etc.
Anchor Post Iron Works 902 Main ..... Charter 248

Mechanical Engineers.
Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Metal Treating and Tool Hardening.
Bennett Metal Treating Co, New Britain av .....Elizabeth 653

Mill Architects.
Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Motor Trucks.
Auto Car Sales & Service Co The, (Frank G Robins, Inc), 45 Ann.....Charter 304

Paper Dealers.
Lindenmeyr Henry & Sons, 530 Asylum...Charter 7600

Plumbers' Supplies.
Plimpton & Hills Corp The, 2 S Ann.....Charter 3972

Receptacles.
"Diamond H" (The Hart Mfg Co), Hamilton .....Charter 2176

Refrigerating Engineers.
Fletcher-Thompson Incorporated, 626 Connecticut, Mutual bldg.....Bushnell 234

Screws Safety Sets (Hollow)
Allen Mfg Co, 135 Sheldon.....Charter 4490

Soles, Wool & Satin.
Wiley-Bickford-Sweet Co The, 80 Pliny..Charter 3182

Special Mach. Jigs Tools and Gauges, Mnfrs.
McIntyre Machine Works, 76 Grove.....Charter 4219

Switches, Electric.
"Diamond H" (The Hart Mfg Co), Hamilton .....Charter 2176

Switches, Motor Starting.
"Diamond H" (The Hart Mfg Co), Hamilton .....Charter 2176

Switches, Remote Control.
"Diamond H" (The Hart Mfg Co), Hamilton ..... Charter 2176

Tap Extensions.
Allen Mfg Co, 135 Sheldon.....Charter 4490

Wire Fence, Chain Link Netting & Iron Railings.
Anchor Post Iron Works 902 Main ..... Charter 248

Wire Work Mfrs.
American Wire Works, 31 Kilbourn.....Charter 7387

HAZARDVILLE

Shoddy & Wool Extracts.
Gordon Bros, Inc.....Thompsonville 61-2

MERIDEN

Jewelers Mfg.
Armstrong C G Mfg Co, (New York City Office, 338 Broadway) 508 S Vine....Meriden 684-3

Jewelers, Mnfg. Novelties & Mesh Bags
Meriden Jewelry Mfg Co, 45 Pratt.....Meriden 492-2

Moulds for Casket Hardware, Holloware & Novelties.
Fogg Arthur A Co, 45 Pratt.....Meriden 1087

Telephone Interior (Factories, Apartment Buildings).
Connecticut Telephone & Electric Co, 70 Britannia .....Meriden 1400

MIDDLETOWN

Bindings—Bias.
Omo Mfg Co, 51 Walnut.....Middletown 1163

Dress Shields—All Kinds.
Omo Mfg Co The, 51 Walnut .....Middletown 1163

Sheetings (Sanitary)—Infants Goods.
Omo Mfg Co The, 51 Walnut.....Middletown 1163

Silverware Mnfrs. (Plated Hollow Ware).
Middletown Silver Co, Hubbard.....Middletown-794-4
New York Salesroom 15 Maiden lane, Cortland 2836

Soap (Mill) Mfrs.
Allison Bros Inc, 1-21 Sumner.....Middletown 173

MILFORD

Seeds.
Woodruff F H & Sons .....Milford 157

Seeds (Wholesale only).
Clark Everett B Seed Co The .....Milford 450

MOODUS

Buckles for Ladies' Gents' and Children's Belts.
Hadley Smith Mfg Co The .....East Hampton 38-13

Buckles, Sheet Metal, Wire & Cast.
Hadley Smith Mfg Co The.....East Hampton 38-13

Twine, Cotton Seine, Cordage, Cable Cords, etc.
Brownell & Co .....East Hampton 41-3

MYSTIC

Bookbinders' Machinery.
Standard Machinery Co, Water.....Mystic 20

Die Cutting Presses.
Standard Machinery Co, Water.....Mystic 20

Embossing Presses.
Standard Machinery Co, Water.....Mystic 20

Lathes, 13" Engine, 5' 6' 7' Bed & Vertical Turret.
Standard Machinery Co, Water.....Mystic 20

Monumental & Building Work.
Barstow & MacKenzie, 83 Greenmanville av. .....Mystic 183-4

Paper Cutting Machines.
Standard Machinery Co, Water.....Mystic 20

NAUGATUCK

Bath Room Fittings.
Russell John M Mfg Co Inc The .....Naugatuck 454

Buckles—Brass & Steel.
Russell John M Mfg Co Inc The .....Naugatuck 454

Chains—Sash, Safety Jack, Plumbers, Furnace.
Russell John M Mfg Co Inc The .....Naugatuck 454

Plumbers Supplies—Mfrs.
Russell John M Mfg Co Inc The .....Naugatuck 454

Specialties—Brass & Steel, Made to Order.
Russell John M Mfg Co Inc The .....Naugatuck 454

NEW BRITAIN

Ball Bearings.
Fafnir Bearing Co, Booth st.....New Britain 1250

Box Strapping.
Stanley Works The, Lake st.....New Britain 180

Chemists, Analytical.
Davenport & Keeler Inc, 665 Stanley..New Britain 1191

Clothing Buckles and Belt Buckles.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Iron and Steel Scrap.
Shurberg S, 63-91 Franklin.....New Britain 1107-2

Lockers (Steel).
Hart & Hutchinson Co The, Corbin av.New Britain 980

Metal Numbering Machines.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Metal Stationery Specialties.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Metal Trimmings for Suspenders and Garters.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Paper Boxes—Paper, Paper Bags, and Twines.
Corbin H H & Son, 119 Church.....New Britain 706

Plain and Fancy Upholstery Nails.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Plumbers Woodwork (Closet Tanks, Seats).
Olmstead-Thomson Mfg Co The.....New Britain 48-3

Pole Line Hardware—Mast Arms, Brackets, Mfrs.
Brady Electric Mfg Co The, 42 Center .....New Britain 1471

Registers—Warm Air
Hart & Cooley Co, Booth st.....New Britain 1250

Safety Razors and Accessories.
Traut & Hine Mfg Co The, 910 Stanley .....New Britain 9

Steam Heating Specialties Mnfrs.
Beaton & Cadwell Mfg Co The, 159 Main (rear) .....New Britain 1080

NEW HAVEN

Adding, Listing & Payroll Machines.
International Money Machine Co, 902 Chaple .....Colony 889

Alloys (Aluminum Castings).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1

Aluminum.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals) 183-189 Commerce st.Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1

Aluminum (in Sheets and Coils).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Aluminum (Ingots).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Aluminum (Scrap Buyers of).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Aluminum, Granulated and Shot.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Aluminum Ingots, Sheets, Powders, Rods & Wire.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Aluminum Solder.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Antimony.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Automobile Hardware and Limousine Hardware.
Ives O & Co, Chestnut and Water.....Liberty 166

Awnings, Tents and Canopies.
Cunningham J & Son (Inc) 51 Elm.....Liberty 788

Babbitt Metals.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1

Babbitt Metals (Nickel) for High Speed Motors.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals, Anti-Friction.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals, Copper, Hardened.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt, Rolling Mill.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Belting.
Alexander Bros, Leather Belting (Coe & Brown Co The), 204 George.....Liberty 1461

Bismuth.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Blue & Black Prints.
Blue Print Company The, 82 Church .....Liberty 1240

Boilers (Manufacturers).
Bigelow Co The, 72 River.....Liberty 3480

Brass Castings, Bronze and Aluminum Castings.
Fritzell Brass Foundry, 33 Chestnut....Liberty 2769-3
See our Catalog Space, page 926.

Brass Ingots (Red & Yellow).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) 183-189 Commerce st .....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Bronze Ingots.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Buckles and Loops (Overalls).
Wire Novelty Mfg Co The.....West 25
See our Catalog Space, page 1025

Canvas Goods.
Cunningham J & Son (Inc) 51 Elm .....Liberty 788

Castings, Brass, Bronze and Aluminum.
Fritzell Brass Foundry, 33 Chestnut...Liberty 2769-3
See our Catalog Space, page 926

Clutches.
Smith Raymond W Inc, "Mule-Pull" 17 Portsea .....Liberty 2706

Collecting Agencies.
Mercantile Adjustment Co Inc, First Nat'l Bank bldg .....Liberty 8368-3
See our Catalog Space, page 932

Copper.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Cotton Yarns.
New England Warp Co The, 143 River...Liberty 1971

Detective Agencies.
Brown's Detective Agency, 42 Church....Liberty 2294
Sherman Detective Agency Inc, 42 Church.Colony 578

Die Heads.
Eastern Machine Screw Corporation The, (H & G Automatic) Truman and Barclay .....Liberty 7088
See our Catalog Space, page 941.

Die Heads (Self Opening and Adjustable).
Geometric Tool Co The, Blake and Valley..Liberty 840

Directory Publishers.
Price & Lee Co, 246-248 and 250 Meadow .....Liberty 8274

Drop Forgings.
Grant Hammond Mnfg Corp, Grant.....Liberty 3531

Dumb Waiters.
Bassett John E & Co The (Sedgwick Machine Wks, Inc) 754 Chapel.....Liberty 318
See our Catalog Space, page 943.

Dyers of Cotton Piece Goods.
Forsythe Dyeing Co The, Whalley av and W Fitch .....Liberty 7807

Electric Light & Power.
United Illuminating Company The, 128 Temple .....Liberty 6350

Electric Oven Mfrs.
Oven Equipment & Mfg Co The, 973 Dixwell av .....Liberty 1281

Fire Brick.
Howard Company The, 250 Boulevard.....Liberty 833

Gas Burners "Enclosed Flame" for Ovens.
Oven Equipment & Mfg Co The, 973 Dixwell av .....Liberty 1281

Gas Engines and Machinery.
Clinton Walter R, 34 and 36 Elm, West Haven .....West 19

Glazed and Plated Paper, Mfrs.
Cashin F D Glazed Paper Co, 1st av and Wood, West Haven .....West 375

Grinding Machines (Chaser or Die).
Geometric Tool Co The, Blake & Valley....Liberty 840

Hides, Skins and Tallow.
Mansfield John J & Co, 324 Main W H.....West 1002

Ingots, Aluminum Pure & Alloys.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st.....Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

NEW HAVEN—cont'd

Iron, Steel & Metals.
Regan Joseph M (Dealers in New & Scrap Iron, Steel & Metals) foot of Exchange. Liberty 6229

Lead, Ingots, Pig & Sheet.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Leather Belting.
Alexander Bros Leather Belting (Coe & Brown Co The), 204 George. Liberty 1461

Mandrels (Zinc Alloyed Sherardized).
New Haven Sherardizing Co The, 1040 State st. Liberty 6941

Manganese Bronze Ingots.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Metal, Babbitt.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Metals, New Virgin Pig.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Mill, Transmission.
Smith Raymond W Inc, 17 Portsea. Liberty 2706

Milling Tools (Adjustable Hollow).
Geometric Tool Co The, Blake & Valley. Liberty 840

Motor Trucks.
Auto Car Sales & Service Co The (Erwin M Jennings Co), 347 Crown. Liberty 4221

Motors (Aeronautic & Commercial).
Trego Motors Corporation, Fox & Ferry. Liberty 8101

Oven Mfrs.
Oven Equipment & Mfg Co The (Crawford Sectional) 973 Dixwell av. Liberty 1281

Ovens—Enameling, Japanning and Lacquering.
Oven Equipment & Mfg Co The, 973 Dixwell av. Liberty 1281

Overall Buckles and Loops.
Wire Novelty Mfg Co The. West 25
See our Catalog Space, page 1025.

Patterns (Wood and Metal).
Green's Pattern Shop, 548 State. Liberty 1764

Phosphor, Copper and Tin.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Plumbers' Supplies.
Peck Bros & Company The, 127 Chestnut. Liberty 108

Powders, Aluminum, also Sheets, Rods & Wire.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Rings and Clips (Wire).
Wire Novelty Mfg Co The. West 25
See our Catalog Space, page 1025.

Rods, Aluminum, also Ingots, Pigs, Sheets & Wire.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Roller Bearings.
Smith Raymond W Inc, "Hyatt" 17 Portsea. Liberty 2706

Safes.
Baum J Safe and Lock Co The (C A & A H Ockert), 273-275 State. Liberty 2789

Scrap, Aluminum and Metals (Buyers of).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Screw Machine Products.
Eastern Machine Screw Corp The, Truman and Barclay. Liberty 7088
See our Catalog Space, page 941.
New Haven Screw Co The, 191-193 Foster. Liberty 7144

Sheets, Aluminum, Lead, Zinc & Copper.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Sherardizing, for Metal Rust Prevention.
New Haven Sherardizing Co The, 1040 State st. Liberty 6941

Signs, New Process.
Alkart Mfg Co, 375 State. Liberty 3010

Solder.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First page opposite Section 1

Spelter.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Spring Motors & Mechanical Toy Gears.
Hedason Mfg Co, 1041 State. Liberty 1503

Taps (Adjustable Collapsing).
Geometric Tool Co The, Blake and Valley. Liberty 840

Threading Machines.
Geometric Tool Co The, Blake and Valley. Liberty 840

Tin.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Tinners' Trimmings.
Wire Novelty Mfg Co The. West 25
See our Catalog Space, page 1025.

Tinners' Trimmings and Wire Buckles.
American Buckle Company The, 291 Campbell av, West Haven. West 365

Valves, (Automatic Cut-off for Gas).
Oven Equipment & Mfg Co The, 973 Dixwell av. Liberty 1281

Welding Sticks, Aluminum.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 183-189 Commerce st. Liberty 4320
See our Advertisement, page 32, First Page Opposite Section 1.

Wire Bale Ties (for all purposes).
Eastern Steel Products Co 1-3 Lawrence. Colony 1490

Wire Handles, Rings and Clips.
Wire Novelty Mfg Co The. West 25
See our Catalog Space, page 1025.

Wire Specialties.
Eastern Steel Products Co, (Wire, Straightening & Forming. Sheet Metal Stampings. Wire Bale Ties Our Specialty) 1-3 Lawrence. Colony 1490

Wood Patterns and Model Making.
Barnum S H Foundry, 20 Whitney av. Liberty 622

NEW LONDON

Bottlers, Carbonated Beverages, Spring Water.
Kane M A Co, 29 Jefferson av. New London 743-2

Divers, Lighterage, Tow-Boats, Wreckers.
Scott T A Inc The, 292 Pequot av. New London 1052

Electrical Conduit Fittings.
Gillette-Vibber Co The, ("Gee-Vee" Labor Saving Electrical Fittings), 32 Maple av. New London 1292

General Contractors, Tow-Boats, Wreckers, etc.
Scott T A Inc The, 292 Pequot av. New London 1052

Lathe Chucks.
Whiton D E Machine Co The, 190 Howard. New London 182

NORWALK

Automobiles Mnfrs.
Reynolds Motor Car Co The, Connecticut and West avs. Norwalk 1180

Newspaper Publishers.
Norwalk Hour The, Hour Square. Norwalk 85

Printers, Job.
Quality Print The, Wall and Water. Norwalk 470

NORWICH

Automobile, Garages, Ajax Tires, Paige Cars.
Thames Square Garage, Thames Square. Norwich 634

Picture Cord, Masons Lines, Bright Wire Gds, Esc't'n Pin
Turner & Stanton Co The, 247 Broad. Norwich 43

Wood (Cord), Coal, Charcoal, Lumber, Etc.
Spalding Company, 11-31 Cove. Norwich 1

ORANGE

Seedsmen, Growers, Importers, Exporters.

Woodruff S D & Sons .....Orange 17-12

SEYMOUR

Brass.

eymour Mfg Co The, Ingots, Sheets, Wire Rods, Shells & Blanks, Cable address "Seymourco" 87 Franklin .....Seymour 115

Cupro Nickel.

eymour Mfg Co The, Ingots, Sheets, Wire Rods, Shells & Blanks. Cable address "Seymourco" 87 Franklin .....Seymour 115

Eyelet & Grommet Mfrs.

immon Eyelet Co The, ...Seymour 99

German Silver.

eymour Mfg Co The, Ingots, Sheets, Wire Rods Shells & Blanks. Cable address "Seymourco" 87 Franklin .....Seymour 115

Nails, Horseshoe Mnfrs.

owler Nail Co The, 137 Main .....Seymour 77

Nickel Anodes—Rolled Pure & Cast.

ymour Mfg Co The (Ingots, Sheets, Wire, Rods, Shells & Blanks) Cable address "Seymourco" 87 Franklin .....Seymour 115

Phosphor Bronze.

ymour Mfg Co The (Ingots, Sheets, Wire, Rods, Shells & Blanks) Cable address "Seymourco" 87 Franklin.....Seymour 115

Screw Machine Products in Brass.

mour Brass Turning Co, 104 Day....Seymour 181-3

SHELTON

Tools and Gauges of all kinds—Mnfrs.

mes Mfg Co The, Coram av.....Derby 1239-2

SOUTH NORWALK

Carpenters & Builders.

dron A & Son, 29 Haviland.....South Norwalk 422

Hatters' Fur.

s & Naumburg Inc, 85 Spring ..South Norwalk 116

Labels, Woven, Cotton.

J & J Ltd (Makers of Cotton Frillings, Wash Trimmings, Woven Names & Initials, Men's Neckwear), 8 Chestnut..South Norwalk 1315

Machinists' Tools.

ount Wm G, Merritt.....South Norwalk 376

Wire Cloth Mfrs., Brass, Bronze, Copper & Monel.

ett Wire Co Inc, 145 Water..South Norwalk 324-2

SOUTHINGTON

Gravels (Wood & Iron) Mnfrs.

ington Hardware Co, 168 Center .....Southington 52

Emery Wheel Dressers, Mnfrs.

ington Hardware Co, 168 Center .....Southington 52

Mechanics' Hand Tools.

Stow & Wilcox Co The, 17-313 Center .....Southington 274

Screws, Wood, Iron, Brass & Bronze Mnfrs.

Southington Hardware Co, 168 Center st. .....Southington 52

Squares (Steel & Try) Mfrs.

Southington Hardware Co, 168 Center st. .....Southington 52

Tin Smiths & Sheet Metal Workers Tools and Machines.

Peck Stow & Wilcox Co The, 217-313 Center .....Southington 274

STAMFORD

Automobile Repairers.

Rippowam Garage, Mill River and Smith.Stamford 2681

Brass Founders & Finishers.

Brown Bros, 46-48 Garden st.....Stamford 407

Building Materials.

Bounty A E Co The, Pacific South of R R.Stamford 1900

Chemicals & Intermediates. Fine Organic.

American Synthetic Color Co, Southfield av. .....Stamford 1116

Fine Organic Chemicals & Intermediates.

American Synthetic Color Co.....Stamford 1116

Garages.

Ellwill Garage, Main .....Stamford 2275

Ice Dealers.

Diamond Ice Co, 30 Main.....Stamford 100

Iron Castings.

H & H Foundry Company The, 268 AtlanticStamfrd 1650

Locks, Manufacturers.

Excelsior Hardware Co, Woodland av....Stamford 1478

Logwood & Tanning Extracts.

Stamford Extract Mfg Co The .....Stamford 2281

Lumber.

Getman & Judd Co The, 455 Canal.....Stamford 2180

Photographers.

Brown & Dawson, 14 Beckley av.....Stamford 1618-2

Photographers, Commercial & X Ray.

Brown & Dawson, 14 Beckley av....Stamford 1618-2

Printers.

Eureka Press, Gay st .....Stamford 537
Gillespie Bros Inc The .....Stamford 2100

Special Machinery.

Muench George, 50-56 Pacific.....Stamford 466

Storage Batteries.

Stamford Storage Battery Co, 22 Main ..Stamford 1608

TERRYVILLE

Wood Turners and Novelty Work.

Allen Charles I .....Bristol 158

THOMASTON

Knife Mfrs—Pen & Pocket.

Thomaston Knife Co, Nothing better, no matter where you get them. For Jobbing Trade only. Write us for prices.Thomaston 101

TORRINGTON

Gaskets—Copper, Asbestos Filled.

Fitzgerald Mfg Co .....Torrington 390

Machine & Tool Work.

Borgeson Mfg Co The .....Torrington 36-4

UNIONVILLE

Bolts & Nuts (Manufacturers).

Upson Nut Co The.....Farmington 20

WALLINGFORD

Advertising Signs.

Wilbur Mfg Co Inc, (Mfr "Marbelite" Products) ("Marbelite" Signs, Numbers and Letters, do not flake, chip, rust or tarnish), 70 Quinnipiac.....Wallingford 256-3
See our Catalog Space, page 911.

Die Sinkers for Drop Forging & Ornamental Work.

Malmquist Bros, Hall av .....Wallingford 131-2

Hardware Specialties.

Wilbur Mfg Co Inc, (Mfr "Marbelite" Products) (House Numbers, Office and Hotel Signs), 70 Quinnipiac.....Wallingford 256-3
See our Catalog Space, page 911.

Hotels.

St George Hotel, Main N.....Wallingford 478

Silver & Plated Wares also Hotel & Premium Silver.

Wallace R & Sons Mfg Co .....Wallingford 193

WATERBURY

Aluminum in Sheets and Coils.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Automobiles—Brass for Radiators.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Bearings—Shim Brass for Lining.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Boiler Tube Ferrules.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Bottlers—Soda Water Mfrs.

Reiner Bros Co, 770 E Main .....Waterbury 2804

Brass (Sheets).

Waterbury Rolling Mills, Inc .....Waterbury 2157

Brass (Sheets & Coils).

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Bronze in Sheets and Coils.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

Buckles—Clothing.

Patent Button Co The, 41 Brown .....Waterbury 3380

Buttons—Men's Metal.

Patent Button Co The, Sew-on Buttons of all kinds. Buttons attached with Metallic fasteners & Machines for attaching same, 41 BrownWaterbury 3380

Cigarette and Tobacco Machinery.

Ludington Cigarette Machine Co The ...Waterbury 620

Copper in Sheets and Coils.

Connecticut Brass & Manufacturing Corp.Waterbury 3960

WATERBURY—continued

Fasteners, Snap-Glove, Pocket Book, Belt, etc.
Lane Mfg Co, 50 North Elm.....Waterbury 244

German Silver—In Sheets.
Waterbury Rolling Mills, Inc.....Waterbury 2157

German Silver in Sheets and Coils.
Connecticut Brass & Manufacturing Corp.Waterbury 3960

Hose—Flexible Metallic.
American Metal Hose Co The, 67 Jewelry.....Waterbury 905

Motor Trucks.
Autocar Sales & Service Co, The (Erwin M Jennings Co), 180 W Main.....Waterbury 2509

Platers Metal.
Connecticut Brass & Manufacturing Corp.Waterbury 3960

Rivets—All Metals to order.
Blake & Johnson Co The Waterville..Waterbury 723

Screw Machine Products.
Blake & Johnson Co The, Waterville..Waterbury 723

Screws—Machine made in all metals.
Blake & Johnson Co The, Waterville..Waterbury 723

Sheet Metal Stampings.
Connecticut Brass & Manufacturing Corp.Waterbury 3960

WILLIMANTIC

Labels, Gum'd & Ungum'd, Bands, Tickets, All Shapes.
Hall & Bill Ptg Co The, 54 North..Willimantic 441-2

Paper Boxes, Egg, Ice Cream, Bakers, & Clothing.
S C S Box Co Inc, Moulton ct.....Willimantic 481

WINDSOR

Paper Mfrs. Glazed Press & Jacquard Cards.
Merwin Paper Co .....Windsor 91

WINDSOR LOCKS

Paper Mnfrs. Tissue, Cover and Manifold Lines.
Dexter C H & Sons Inc.....Windsor Locks 140

DELAWARE

DELAWARE

Land area		1,965
Water area		405
Population	(Estimated)	214,270
White	(U. S. Census 1910)	171,102
Negro		31,181
All Others		39
Foreign-born white		17,420
Native white		153,682
Male		103,435
Female		98,887

INDEX TO PRINCIPAL CITIES
(See map, opposite page)

Population—Thousands					
1	Delaware City	B 24	3	Milford	G 26
4	Dover	E 25	2	Newark	A 22
2	Georgetown	I 25	1	Milton	H 26
2	Harrington	G 24	3	Newcastle	A 24
2	Laurel	J 25	2	Seaford	I 24
2	Lewes	H 28	2	Smyrna	D 24
1	Middletown	C 22	94	Wilmington	A 25

WILMINGTON

Artificial Leather.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Automobile Top and Upholsterers' Materials.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Blasting Supplies and Explosives.
Du Pont de Nemours E I & Company, Du Pont bldg .....Wilmington 1720

Bookbinders' Material—Artificial Leather.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Bookbinders' Supplies.
Pyle C & W Co, 403-405 Van Buren.Wilmington 314

Bristles.
Du Pont de Nemours E I & Company, Special Products Division, Du Pont bldg .....Wilmington 1720

Collapsible Tubes—Plain & Decorated.
Bond Mfg Corp, 501 Monroe....Bell-Wilmington 1157
.....Automatic 1627

Corporation & Partnership Insurance.
Keen Walter G, Du Pont bldg.....Wilmington 677
See our Catalog Space, page 936.

Crown Corks.
Bond Mfg Corp'n, 501 Monroe...Bell-Wilmington 1157
.....Automatic 1627

Dyers, Bleachers and Finishers, Cotton Piece Goods.
Bancroft Jos & Sons Co.....Wilmington 2601

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, Du Pont bldg .....Wilmington 1720

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Du Pont bldg .....Wilmington 1720

Fabrikoid Leather Substitutes.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Fibre.
American Vulcanized Fibre Co, Equitable bldg .....Wilmington 123
Brandywine Fibre Products Co, (Tubing our Specialty), 1404 Walnut.....Wilmington 629
Wilmington Fibre Specialty Co, Wilmington .....New Castle 148

Hospital Plumbing Fixtures
Speakman Supply & Pipe Co, 30th & Spruce sts.....Wilmington 188

Hydrants, Frost Proof.
Vogel Jos A Co, 1209 Lombard.....Wilmington 5790

Incorporating Companies.
Corporation Company of Delaware (Delaware Corporations Organized, Write for Digest) Equitable bldg.....Wilmington 132

Insurance, Income, Inheritance, Sur-tax.
Keen Walter G, Du Pont bldg.....Wilmington 677
See our Catalog Space, page 936

Leather Machinery.
Slocomb F F & Co Inc, 14th & Poplar.Wilmington 778

Leather—Substitutes, Imitation, Artificial.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Machinists—Mfg.
Slocomb F F & Co Inc (Contract Machine Work to blue prints), 14th & PoplarWilmington 778

Metal—Sprinkler Tops.
Bond Mfg Corp, 501 Monroe.....Bell-Wilmington 1157
.....Automatic 1627

Motor Trucks.
Autocar Sales & Service Co The, 306 E 4th.....Wilmington 2619

Nitre Cake—Lump & Ground.
Du Pont de Nemours E I & Company, Special Products Division, Du Pont bldg.....Wilmington 1720

Pig Lead.
Du Pont de Nemours E I & Company, Special Products Division, Du Pont bldg .....Wilmington 1720

Plumbers' Supplies Mnfrs.
Speakman Supply & Pipe Co, 30th & Spruce sts.....Wilmington 188

Powder & Blasting Supplies.
Du Pont de Nemours E I & Company, Du Pont bldg .....Wilmington 1720

Rubber Cloth.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Shoe Findings.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Shower Baths, Needle Bath & Bath Tub Fixtures.
Speakman Supply & Pipe Co, 30th & Spruce sts.....Wilmington 188

Upholstery Material—Furniture, Carriage, Automobile.
Du Pont Fabrikoid Company, Du Pont bldg .....Wilmington 1720

Water Closet Combinations, Factory.
Vogel Jos A Co, 1209 Lombard.....Wilmington 5790

Water Closet Combinations, Frost Proof.
Vogel Jos A Co, 1209 Lombard.....Wilmington 5790

Water Closets, School & Comfort Stations.
Vogel Jos A Co, 1209 Lombard.....Wilmington 5790

Water Closets, Ship & Yacht.
Vogel Jos A Co, 1209 Lombard.....Wilmington 5790

Water Supply Systems.
Speakman Supply & Pipe Co, (Leader Iron Works), 816-822 Tatnal....Wilmington 188

YORKLYN

Fibre.
National Fibre & Insulation Co, Yorklyn .....Hockessin 3

MARYLAND
AND
DELAWARE
SCALE
Statute Miles, 15=1 Inch.
Railroads
Steam and Electric Lines
Electric Lines
PENNSYLVANIA
NEW JERSEY
DELAWARE
DELAWARE BAY
ATLANTIC OCEAN
WEST VIRGINIA
VIRGINIA
Baltimore
Annapolis
Frederick
Hagerstown
Cumberland
Salisbury
Cambridge
Easton
Denton
Chestertown
Centreville
Princess Anne
Snow Hill
Leonardtown
Upper Marlboro
Rockville
Ellicott City
Towson
Westminster
Bel Air
Elkton
Dover
Bridgeton
Georgetown
Cape Henlopen
Cape Charles
Berkeley Springs
Martinsburg
Charlestown
Winchester
Berryville
Leesburg
Front Royal
Fairfax
Mt. Vernon
Indianhead
Port Tobacco
La Plata
Prince Frederick
Leonardtown
Mooresfield
Romney
Cumberland
Gettysburg
Chestertown
Denton
Easton
Cambridge
Princess Anne
Snow Hill
Salisbury
Bridgeton
Dover
Georgetown
Annapolis
Baltimore

DIST. OF COLUMBIA

DISTRICT OF COLUMBIA

Land area		60
Water area		10
Population	(Estimated)	386,631
White		236,128
Negro		94,446
All others		495
Foreign-born white	(U. S. Census 1910)	24,351
Native white		211,777
Male		158,050
Female		173,019

INDEX TO PRINCIPAL CITIES

(See map, page 533)

Population—Thousands			
2 Anacosta	H 13	1 Takoma Park	G 13
16 Georgetown	G 11	1 Tennallytown	G 12
		366 Washington	H 12

WASHINGTON

Accountants.
Clark Earl S Co, Union Trust bldg.....Main 1912

Acetylene 'Appartus.
Davis-Bournonville Company, Colorado bldg..Main 9178
See our Catalog Space, page 1023

Adding Machines.
Monroe Calculating Machine Co, 722 13th N W.....Main 4444
See our Catalog Space, page 905.

Addressing Machines.
Addressograph Co (J A Bailey, Dist Mgr), Southern bldg.....Main 367
See our Catalog Space, page 907.

Advertising Matter Distributors.
Dime Messenger Service Inc, (Robt Kressin, Mgr) (Our Service delivers anything anywhere in the U S) Write us for rates, 717 12th st N W.....Main 5120

Alcohol, Non-Beverage and Denatured.
Corby Co Inc, Langdon Station.....Lincoln 1706

Artificial Limbs & Supplies.
Hanger J E Inc, 219-221 G st N W.....Main 1024

Asphalt.
Barber Asphalt Paving Co, (Trinidad and Bermudez), Munsey bldg.....Franklin 291

Autographic Registers & Roll Printers.
Globe Register Co The, (T Rowley) Jenifer bldg .....Main 980

Automobile Supplies.
National Electrical Supply Co, 1328 New York av .....Main 6800

Blue Print Machine Mnfrs.
Revolute Machine Co, (Leet Bros Agt,) 723-725, 14th N W .....Main 308

Bonds, Guarantee.
National Surety Company, (Wm H Ronsaville, Mgr), Munsey bldg.....Main 414

Bonds, Surety.
National Surety Company, (Wm H Ronsaville, Mgr), Munsey bldg.....Main 414

Burglary Insurance.
National Surety Company, (Wm H Ronsaville, Mgr), Munsey bldg.....Main 414

Calculating Machines.
Monroe Calculating Machine Co, 722 13th N W.....Main 4444
See our Catalog Space, page 905.

Carbonated Beverages.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Carbonated Water.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Chimney Builders, Radial Brick and Concrete.
Rust Engineering Co The, 729 15th N W..Main 6062

Dictaphones.
Columbia Graphophone Co, 1210 G st N W..Main 2067

Distributors of Mdse. & Advertising Matter.
Dime Messenger Service Inc, (Robt Kressin, Mgr), 717 12th st N W.....Main 5120

Dumb Waiters.
Barber & Ross (Sedgwick Machine Wks, Inc), 11th and G N W.....Main 625
See our Catalog Space, page 943.

Electric Lighting Fixtures for all Purposes.
Brascolite (National Electric Supply Company, Distributors), 1328-30 New York av....Main 6800
See our Catalog Space, page 968

Electrical Supplies.
National Electrical Supply Co, 1328 New York av .....Main 6800

Engineers, Industrial.
Clark Earl S Co, Union Trust bldg.....Main 1912

Feed, Dried Grains for Cattle.
Corby Co Inc, Langdon Station.....Lincoln 1706

Fire Proof Building Materials.
General Fireproofing Co The, Woodward bldg. .....Main 3044

Fire Proof Doors and Windows.
Reliance Fireproof Door Co (C A Hofferberth), Real Estate Trust bldg.....Main 8619

Ginger Ale.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Ginger Champagne.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Lights, Portable Carbide.
Milburn Alexander Co The, 711 Thirteenth N W.....Main 3934
See our Catalog Space, page 1024.

Mineral Waters.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Motor Trucks.
Autocar Sales & Service Co The, 13th & Penna av N W.....Main 9370

Natural Water.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Non-Intoxicating Beverages.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Office Furniture, Steel.
General Fireproofing Co The, Woodward bldg. .....Main 3044

Oxyacetylene.
Davis-Bournonville Company, Colorado bldg..Main 9178
See our Catalog Space, page 1023.

Patent Attorneys.
Bradford & Doolittle, Loan & Trust bldg...Main 3427
Brennen Daniel A, Pacific bldg.....Franklin 4953
Potts Joshua R H, 805 G st N W.....Main 2714

Patents, Trademarks & Copyrights.
Evans Victor J & Co, 719 Ninth.....Main 4827

Perforating Machines.
American Perforator Co The (C B Weikert Agt), 1419 G.....Main 5769

Radio Equipment, Mfrs.
National Electrical Supply Co 1328 New York av .....Main 6800

Roofing, Asphalt Shingles.
Barber Asphalt Paving Co The, (Genasco Brand), Munsey bldg.....Franklin 291

Roofing, Slag.
Warren-Ehret Co, 27th and H, N W.....West 56

Roofing Tile.
Ludowici-Celadon Company, Union Trust bldg.Main 6924

Sidewalk Lights, Reinforced Concrete.
Grauer Albert & Co, (Bruner system, Southern Building Supply Co Inc Rep), 3200-3246 K st N W.....West 18

Skylights, Reinforced Concrete.
Grauer Albert & Co (Grauer system, Southern Building Supply Co Inc Rep), 3200-3246 K st N W.....West 18

Spring Water.
Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 162
See our Adv. on Backbone and Catalog Space, page 98

Sugar Substitute, Bread Improver & Yeast Stimulant
Corby Co Inc, Langdon Station.....Lincoln 170

Surety Bonds.
National Surety Co, (William H Ronsaville, Mgr), Munsey bldg.....Main 4

Tiles Roofing.

Ludowici-Celadon Company, Union Trust bldg.Main 6924

Typewriters—Portable.

Corona Typewriter Company Inc, Southern bldg .....Main 9550

Uniform Mnfrs. & Equipments.

Reed's Jacob Sons Inc. 611, 14th N W....Main 3909

Waters, Medicinal and Mineral.

Manitou Mineral Water Company The (W A Callanan), 2021 H Street N W.....West 1628
See our Adv. on Backbone and Catalog Space, page 980

Weather Strips.

Monarch Metal Weather Strip Co The, (Jas B Henderson Co, Distributors), 2028 W 14th N W.....North 6714
See our Catalog Space, page 1023.
Niagara Metal Weather Strip Co, (H T Morsell), Woodward bldg.....Main 1902

Welding Apparatus.

Davis-Bournonville Co, Colorado bldg.....Main 9178
See our Catalog Space, page 1023.

Welding & Cutting Apparatus.

Milburn Alexander Co The, 711 Thirteenth N W.....Main 3934
See our Catalog Space, page 1024.

Yeast, Compressed for Bakers' Use.

Corby Co Inc, Langdon Station.....Lincoln 1706

FLORIDA

FLORIDA

Land area		54,861
Water area		3,845
Population	(1915 Census)	921,569
White		443,634
Negro		308,669
All others		316
Foreign-born white	(U. S. Census 1910)	33,842
Native white		409,792
Male		394,166
Female		358,453

INDEX TO PRINCIPAL CITIES
(See map, page 536)

Population—Thousands

3	Apalachicola	E	3
2	Arcadia	L	8
3	Bartow	L	7
2	Bradentown	K	8
1	Brooksville	K	5
1	Chipley	D	1
1	Clearwater	J	7
1	Dade City	K	6
3	Daytona	M	4
2	De Funiak Springs	C	1
3	De Land	M	4
1	Dunnellon	K	4
3	Fernandina	M	1
1	Fort Meade	L	7
2	Fort Myers	L	9
1	Fort Pierce	N	8
7	Gainesville	K	3
1	Green Cove Springs	L	3
1	High Springs	J	3
76	Jacksonville	L	2
2	Jasper	J	2
22	Key West	C	10
2	Kissimmee	M	6
5	Lake City	J	2
7	Lakeland	L	6
1	Leesburg	L	5
3	Live Oak	I	2
2	Madison	I	2
1	Manatee	K	16
2	Marianna	E	1
15	Miami	F	7
2	Monticello	H	1
1	Mulberry	L	7
1	New Augustine	M	3
1	New Smyrna	N	4
5	Ocala	K	4
7	Orlando	M	5
4	Palatka	L	3
26	Pensacola	A	2
1	Perry	H	2
2	Plant City	K	6
1	Port Tampa City	K	7
1	Punta Gorda	L	9
3	Quincy	G	1
4	Sanford	M	5
1	South Jacksonville	L	2
6	St. Augustine	M	3
7	St. Petersburg	J	7
1	Starke	L	3
5	Tallahassee	G	2
54	Tampa	J	7
2	Tarpon Springs	I	15
1	Warrington	A	2
1	Wauchula	L	8
2	West Palm Beach	O	9
12	West Tampa (Sta. Tampa P. O.)	K	7
1	White Springs	J	2

Population—Hundreds

6	Alachua	K	3
5	Archer	K	4
6	Bagdad	B	1
9	Bascom	E	1
5	Blountstown	E	2
5	Bluffsprings	A	1
9	Bonifay	D	1
5	Bristol	F	2
9	Carrabelle	F	3
9	Cedar Keys	I	1
6	Cocoa	N	6
8	Cottondale	E	1
7	Crescent City	L	4
7	Crystal River	J	5
9	Eustis	L	5
5	Floral City	K	5
7	Graceville	E	1
8	Greenville	H	2
6	Hernando	K	5
5	Jennings	I	1
7	Lake Butler	K	3
6	Lake Helen	M	5
6	Mayo	I	3
6	Micanopy	K	4
8	Milton	B	1
8	Newberry	J	3
8	Noma	D	1
5	Orange City	M	5
8	Ormond	M	4
8	Palmetto	K	8
5	Reddrick	F	17
5	River Junction	F	1
8	Sarasota	K	8
5	Sneads	F	1
7	St. Andrew	D	2
7	St. Cloud	I	20
9	Titusville	N	5
5	Waldo	K	3
6	Winter Park	M	5

JACKSONVILLE

Belting, Leather.

Detroit Oak Belting Co, (Georgia Bell-Jacksonville 2147
Supply Co), 821 E Bay.....Home-Main 1692

Brass Castings, Bronze & Aluminum Castings.

Capps C I & Co, 514 Catherine....Jacksonville 5114

Cement Manufacturers.

Coplay Cement Mfg Co, Heard bldg..Jacksonville 6677
Lehigh Portland Cement Co, Heard bldg .....Jacksonville 2811

Cough Drops.

Smith E J Co The (Mentopine), Bay and Main .....Jacksonville 117

Detective Agencies.

Burgess National Detective Agency, Professional bldg.....Jacksonville 2668
Burns Wm J, International Detective Agency, the Inc, Hotel Albert....Jacksonville 3600
See our Catalog Space, page 938.

Electric Lighting Fixtures for all Purposes.

Brascolite (Florida Electric Supply Co, Distributors) Union Terminal bldg..Jacksonville 674
See our Catalog Space, page 968

Fruit & Vegetable Packages, Paper Wrappers.

Bean E & Son Company, Riverside Viaduct .....Jacksonville 74

Hotels.

Hotel Seminole, Hogan and Forsyth..Jacksonville 4280

Water Supply Systems.

Cameron & Barkley Co The, (Leader Iron Works) 338 E Bay.....Jacksonville 3394

KEY WEST

Sponges.

Niehaus Jos Co The (H F Whalton, Agent), 900 Duval .....Key West 506

ST. PETERSBURG

Tours of Florida and Cuba.

Du Bois R B, Central av.....St Petersburg 55

TAMPA

Autographic Registers and Roll Printers.

Egry Register Co The (B L Jordan Sales Agent), 1719 Grand Central av.....Tampa 72329

Automobile Polish.

United Chemical Co The, 1403 Franklin..Tampa 3151

Cattle Dip.

United Chemical Co The, 1403 Franklin..Tampa 3151

Detective Agencies.

Southern Detective Agency The.....Tampa 2811

Insect Exterminators.

United Chemical Co The, 1403 Franklin..Tampa 3151

Soaps—Hard and Liquid.

United Chemical Co The, 1403 Franklin..Tampa 3151

Toilet Preparations.

United Chemical Co The, 1403 Franklin..Tampa 3151

TARPON SPRINGS

Sponges.

Niehaus Jos Co The (D E Zurdos, Agt).....

FLORIDA
SCALE
Statute Miles. 47 = 1 Inch.
Rand McNally's New 11 x 14 Map of Florida.
Copyright by Rand McNally & Co.
GULF OF MEXICO
ATLANTIC OCEAN
Longitude West from Greenwich
Pensacola
Panama City
Apalachicola
Tallahassee
Jacksonville
Ocala
Orlando
Kissimmee
Sanford
Tampa
Clearwater
Bradenton
Punta Rassa
Fort Myers
Arcadia
Indian Mound
Large Mound
Fort Pierce
Miami
Key West
Lake Okeechobee
Bay of Florida
MAKOROVE SWAMP
Ponce de Leon Bay
Northeast Cape
Whitewater Lake
Cape Sable
Flamingo
Chokoloskee
Everglade
Fort Barrett
Ft. Lauderdale
Dania
Hallandale
Coconut Grove
Black Point
Naranja
Homestead
Card Sound
Dry Tortugas
Bonita Springs
Naples
Immokalee
Okeechobee
Okeechobee Canal
Lake Worth
Hypoluxo
Boynton
Delray
Yamato
Boca Raton
Deerfield
West Pompano
Pompano
Colohatchee
Fort Lauderdale
EVERGLADES
BROWARD
THE BEACH
PALM
OKEECHOBEE
LEE
DADE
BROWARD
MANATEE
DE SOTO
HERNANDO
PASCO
SEMINOLE
ORANGE
VOLUSIA
PUTNAM
FLAGLER
ST. JOHNS
NASSAU
CAMDEN
CHARLTON
WAKULLA
LIBERTY
FRANKLIN
GADSDEN
LEON
JEFFERSON
MADISON
HAMILTON
SUWANNEE
TAYLOR
DIXIE
LEVY
MARION
CITRUS
SUMTER
LAKE
BRADFORD
CLAY
ALACHUA
GILCHRIST
COLUMBIA
BAKER
NASSAU
WALTON
HOLMES
JACKSON
CALHOUN
GULF
WASHINGTON
OKALOOSA
SANTA ROSA
ESCAMBIA
BAY
GADSDEN
THOMAS
BROOKS
LOWNDES
ECHOLS
CLINCH
WARE
PIERCE
BACON
APPLING
JEFF DAVIS
COFFEE
BERRIEN
CLOSE
ATLANTIC OCEAN

GEORGIA
SCALE
Statute Miles, 375 - 1 Inch.
TENNESSEE
NORTH CAROLINA
SOUTH CAROLINA
ALABAMA
FLORIDA
ATLANTIC OCEAN
Longitude West from Greenwich
Atlanta
Augusta
Savannah
Columbus
Macon
Athens
Rome
Dalton
Cartersville
Marietta
Douglasville
Decatur
Griffin
Newnan
Fayetteville
Jonesboro
McDonough
Thomaston
Talbotton
Butler
Buena Vista
Oglethorpe
Ellaville
Americus
Cuthbert
Dawson
Leesburg
Albany
Colquitt
Bainbridge
Cairo
Thomasville
Quitman
Valdosta
Nashville
Tifton
Fitzgerald
Douglas
Alma
Hazlehurst
Baxley
Blackshear
Jesup
Darien
Brunswick
Homerville
Folkston
Statesville
Jacksonville
Tallahassee
Madison
Hamilton
Milledgeville
Sparta
Eatonton
Greensboro
Madison
Covington
Monticello
Thomaston
Talbotton
Cordele
Abbeville
Hawkinsville
Eastman
Dublin
Swainsboro
Statesboro
Metter
Lyons
Reidsville
Hinesville
Waycross
Nashville
Douglas
Alma

GEORGIA

GEORGIA

Land area	58,725
Water area	540
Population (Estimated)	2,875,953
White	1,431,802
Negro	1,176,987
All others	332
Foreign-born white (U. S. Census 1910)	15,072
Native white	1,416,730
Male	714,970
Female	701,760

INDEX TO PRINCIPAL CITIES

(See map, on preceding page)

Population—Thousands

1	Abbeville	F	8
2	Adel	F	9
11	Albany	D	8
8	Americus	D	7
1	Arlington	C	9
2	Ashburn	E	8
18	Athens	F	4
191	Atlanta	D	4
50	Augusta	H	5
4	Bainbridge	C	10
[illegible]	Barnesville	D	5
1	Blackshear	H	9
[illegible]	Blakely	B	9
1	Boston	E	10
1	Broxton	G	8
11	Brunswick	J	9
1	Buena Vista	C	7
2	Cairo	D	10
2	Calhoun	C	3
2	Camilla	D	9
2	Canton	D	3
[illegible]	Carrollton	C	4
4	Cartersville	C	3
4	Cedartown	B	3
1	Claxton	I	7
[illegible]	Cochran	F	7
26	Columbus	B	7
2	Commerce	F	3
[illegible]	Conyers	E	4
6	Cordele	E	8
1	Cornelia	E	2
3	Covington	E	4
3	Cuthbert	C	8
1	Dallas	C	4
5	Dalton	B	2
1	Darien	J	9
4	Dawson	D	8
[illegible]	Decatur	D	4
4	Douglas	G	8
1	Douglasville	C	4
6	Dublin	G	7
2	Eastman	F	7
4	East Point	D	4
[illegible]	Eatonton	F	5
6	Elberton	G	3
1	Fairburn	C	4
6	Fitzgerald	F	8
2	Forsyth	E	6
1	Fort Gaines	B	8
[illegible]	Fort Valley	E	6
6	Gainesville	E	3
2	Greensboro	F	5
7	Griffin	D	5
1	Hampton	G	12
2	Hartwell	G	3
3	Hawkinsville	F	7
1	Hazlehurst	H	8
1	Hogansville	C	5
2	Jackson	E	5
1	Jefferson	F	3
1	Jesup	I	8
1	Jonesboro	D	4
2	La Fayette	B	2
6	Lagrange	B	5
2	Lavonia	F	3
2	Lawrenceville	E	4
1	Lithonia	D	4
1	Louisville	H	6
1	Lumber City	G	8
1	Lumpkin	C	7
1	McRae	G	8
46	Macon	E	6
2	Madison	F	4
[illegible]	Marietta	C	4
1	Marshallville	E	7
4	Milledgeville	F	5
2	Millen	H	6
1	Milltown	F	9
3	Monroe	E	4
2	Montezuma	E	7
2	Monticello	E	5
3	Moultrie	E	9
1	Nashville	F	9
[illegible]	Newman	C	5
1	Norcross	D	4
2	Ocilla	F	8
2	Pelham	D	9
4	Quitman	F	10
1	Richland	C	7
1	Rock Mart	B	4
15	Rome	B	3
1	Roswell	D	3
1	Royston	F	3
3	Sandersville	G	6
69	Savannah	J	7
1	Senoia	D	5
1	Shellman	C	8
2	Social Circle	E	4
2	Sparta	G	5
3	Statesboro	I	7
1	Swainsboro	H	6
1	Sylvania	I	6
1	Sylvester	E	8
1	Talbotton	D	6
2	Tallapoosa	B	4
2	Tennille	G	6
2	Thomaston	D	6
7	Thomasville	E	10
2	Thomson	G	5
2	Tifton	F	9
3	Toccoa	F	2
2	Trion	B	2
1	Unadilla	E	7
1	Union Point	F	4
8	Valdosta	F	10
2	Vidalia	H	7
2	Vienna	E	7
1	Warrenton	G	5
3	Washington	G	4
20	Waycross	H	9
3	Waynesboro	I	5
2	West Point	B	6
1	Willacoochee	F	9
2	Winder	E	4
1	Wrightsville	G	6

ALBANY

Belting.

Alexander Bros Leather Belting (Albany Mill Supply Co), 135 Pine.....Albany 229

Leather Belting.

Alexander Bros Leather Belting (Albany Mill Supply Co), 135 Pine.....Albany 229

ATHENS

Lawyers.

Erwin, Rucker & Erwin, Southern Mutual bldg.....Athens 86
Green & Michael, Southern Mutual bldg....Athens 484

Motor Trucks.

Autocar Sales & Service Co The (John D Moss) Clayton.....Athens 218

Syrup—Soft Drink Purposes, Mnfrs.

Bludwine Co, 227 Oconee.....Athens 1138

ATLANTA

Accountants.

Atlanta Audit Co Inc, Empire bldg.....Ivy 5683

Adding Machine Paper.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Adding Machines.

Monroe Calculating Machine Co, Healey bldg..Ivy 4606
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Addressing Machines.

Addressograph Co (A S Woodward Dist Mgr), Hurt bldg.....Ivy 5150
See our Catalog Space, page 907
Stickney & Montague Direx-all, Healey bldg..Ivy 2796

Advertising, Classified Telephone Directory.

Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Candler bldg.....Ivy 3894

Advertising, Letters.

Fuller H B, 223 Arcade.....Main 5300

Advertising Signs.

Munn Sign & Advertising Co, 63 N Broad.....Ivy 826

Aeroplanes.

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry.....Main 793

Architects, Bank (Both Building and Fixtures).

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry.....Main 793

Artificial Limbs & Supplies.

Hanger J E Inc, 165 S Pryor.....Main 3390

Asphalt.

Barber Asphalt Paving Co The, (Trinidad and Bermudez), Healey bldg.....Ivy 2796

Autographic Registers & Roll Printed Stationery.

Hamilton Autographic Register Co, (J G Johnston, Rep), 33 Poplar.....Ivy 3950

Autographic Registers and Roll Printers.

Egry Register Co The (W D Hart, District Sales Agt), 61 N Pryor.....Ivy 785
Globe Register Co The, (Rawlins & Morrison) Third Nat'l Bank bldg.....Southern Bell-Ivy 1038

Automobile Accessories, Mfrs.

Walden-Worcester Inc (J E Colley), Healey bldg.....Ivy 6117

Automobile Wrenches.

Walden-Worcester Inc, (J E Colley), Healey bldg.....Ivy 6117

Awnings.

Atlanta Tent & Awning Co.....East Point 483

Back-Bands, Horse.

Couch Brothers Mfg Co.....East Point 483

Bags (Paper) of all kinds.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Ball Bearings.

Ahlberg Bearing Co, 323 Peachtree.....Ivy 1562

Ball Bearings, Reground & New, All Makes & Special.

Ahlberg Bearing Co, 323 Peachtree.....Ivy 1562

Bank Fixtures.

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry.....Main 793

Bank, Office and Store Fixtures.

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry.....Main 793

Banks Remodeled, Plans & Specifications Furnished

Muller Geo W Bank Fixture Co, cor Lakewood av and Sou Ry.....Main 793

Belting.

Alexander Bros, 102 N Pryor.....Ivy 4979
Alexander Bros (Crane Co), Leather Belting, 31 Garnett.....Main 2062

Belting, Leather.

Detroit Oak Belting Co, Hurt bldg.....Ivy 4751

Blasting Paper.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Bonds, Guarantee.

National Surety Co (Wm L McCalley Jr, South Eastern Mgr), Atlanta National bank bldg.....Main 1422

Bonds, Surety.

National Surety Co (Wm L McCalley Jr, South Eastern Mgr), Atlanta National bank bldg.....Main 1422

Bottle Wrappers.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Box Mnfrs. Paper.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Bread Wrappers, Waxed Paper Plain or Printed.

National Paper Co, Simpson, Elliott and Tyler and Sou Ry.....Main 1163

Brushes.

Felton D D Brush Co, (Hand & Power, Mills & Factories) 392½ Edgewood.....Ivy 4053

Building Papers.

National Paper Co, Simpson, Elliott & Tyler & Sou Ry.....Main 1163

Burglary Insurance.

National Surety Co (Wm L McCalley Jr, South Eastern Mgr), Atlanta National Bank bldg.....Main 1422

Calculating Machines.

Monroe Calculating Machine Co, Healey bldg..Ivy 4606
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American Can Co, Marietta & Jones av....Main 1225

Cartons, for all Purposes.
National Paper Co, (National Folding), Simpson, Elliott & Tyler & Sou Ry.....Main 1163

Cast Iron Pipe.
Central Foundry Co The, Trust Co of Ga bldg .....Ivy 4747
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Castings, Gray Iron.
Central Foundry Co The, Trust Co of Ga bldg .....Ivy 4747
See our Advertisement Outside Back Cover.

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Hurt bldg.....Ivy 1178

Coal Bags and Coke Bags.
Atlanta Tent & Awning Co.....East Point 483

Collars, Horse.
Couch Brothers Mfg Co .....East Point 483

Containers.
National Paper Co (National Folding), Simpson, Elliott & Tyler & Sou Ry.....Main 1163

Contractors, General.
Brooks-Callaway Co, Healey bldg.....Ivy 8539

Coopers & Cooperage.
Smith Harris, 246-248-250 Decatur.....Main 991-L

Cordage, Rope & Twine.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Corrugated Paper in Rolls.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

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Couch Brothers Mfg Co .....East Point 483

Cotton Goods, Commission Merchants.
Cassard, Miron S & Co (W T Gayle), Third National Bank bldg.....Ivy 6151

Cotton Seed Meal.
Treadwell A P & Co, Healey bldg.....Ivy 7580

Cotton Seed Meal & Hulls.
Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance

Cotton Seed Products.
Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance

Cotton Twine.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Cotton Webbing.
Couch Brothers Mfg Co .....East Point 483

Crepe Paper Napkins.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Desks, Manufacturers.
Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Directory Publishers.
Donnelley, Reuben H Corp The, (Publishers Classified Telephone Directories), Candler bldg. .....Ivy 3984

Drug Boxes.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Dumb Waiters.
Alexander J M & Co (Sedgwick Machine Wks Inc), 26 S Pry .....Main 989
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Dyers and Finishers Cotton Piece Goods.
Atlanta Dyeing & Waterproofing Co....East Point 483

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Munn Sign & Advertising Co, 68 N Broad....Ivy 826

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Atlanta Utility Wks, East Point.....East Pt 79

Fertilizer Material.
Taylor Commission Co, Healey bldg .....Bell & Postal Long Distance
Treadwell A P & Co, Healey bldg.....Ivy 7580

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American Can Co, Marietta & Jones av....Main 1225

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Pyrene Manufacturing Co, 259 Peach Tree...Ivy 7377

Fireproof Building Materials.
General Fireproofing Co The, Third National Bank bldg.....Ivy 8971

Floor Drains.
Central Foundry Company The, "Lynn" Trust Co of Ga bldg.....Ivy 4747
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Flour and Meal Bags.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Folding Boxes (Cardboard).
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Foundries.
Central Foundry Co The; Trust Co of Ga bldg..Ivy 4747
See our Advertisement Outside Back Cover.

Fruit & Vegetable Wrappers, Printed & Plain.
United Paper Co, Third Nat'l Bank bldg. .....Ivy 4052

Furniture & Fixtures.
Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Gas Mains.
Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
See our Advertisement Outside Back Cover.

Granite.
Arabia Granite Co, Connelly bldg.....Main 5529

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Hotel Equipment Co, 82 Marietta.....Main 1884

Hotels.
Cecil The, Luckie, 1 Blk from Peachtree....Ivy 3426
Kimball House, N Pryor & Peachtree....Bell Ivy 7700
.....Atlanta 2408

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Garvey's Inks & Brushes, D D Felton Brush Co 392½ Edgewood.....Ivy 4053

Jacks, Screw, Ratchet, Hydraulic, etc.
Duff Mfg Co The (Worlds Largest Jack Mnfrs), Candler bldg .....Ivy 3634

Labeling Machinery for Bottles, Jars, etc.
Economic Machinery Co (Chas N Jackson Co), Gould bldg .....Main 1640

Landscape Designer.
Katzenstein Otto, Healey bldg.....Ivy 7676

Leather Belting.
Alexander Bros, 102 N Pryor.....Ivy 4979
Alexander Bros, (Crane Co), Leather Belting, 31 Garnett.....Main 2062

Letter Files.
American Box & File Co, 132 Davis.....Main 2337

Letters, Sales.
Fuller H B, 223 Arcade.....Main 5300

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co (Brascolite) Healey bldg..Ivy 8011
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Lighting Fixtures, Electric, for all Purposes.
Reflectolyte Company The, (Fulton Electric Co, Distributors), 12 Walton.....Ivy 6180
See our Catalog Space, page 969.

Machinery, New & Second Hand.
Armstrong R S & Bro, 676 Marietta.....Main 1438

Machinery—Steam, Electrical, Textile.
Jones K L Machinery Co, Healey bldg.....Ivy 4787

Manhole Frames & Covers.
Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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Marble, Banks, Lobbies, Hotel & Special Interior Work.
Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Marine Castings.
Central Foundry Company The, Trust Co of Ga bldg .....Ivy 4747
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Mattresses & Springs.
Southern Spring Bed Co, 2 Hill.....Main 1531

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Couch Brothers Mfg Co.....East Point 483

Nitrate of Soda.
Treadwell A P & Co, Healey bldg.....Ivy 7580

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Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Ornamental Iron & Wire Work.
Galian E E Co The, Healey bldg.....Ivy 1880

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National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Paper Bags for all uses.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Paper Boxes.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

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Atlanta Paper Company.....Main 721

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National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

ATLANTA—continued

Physicians Supplies.
Estes Surgical Supply Co, 16 N Forsyth st...Ivy 1700

Pipe Bending & Pipe Coils.
National Valve & Mfg Co, (Earl F Scott, Agt), Candler bldg.....Ivy 6937

Pipe Headers (Welded).
National Valve & Mfg Co, (Earl F Scott, Agt), Candler bldg.....Ivy 6937

Piping (Contractors Power)
National Valve & Mfg Co, (Earl F Scott, Agt), Candler bldg.....Ivy 6937

Printed Bags, Boxes & Wrapping Paper.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Candler bldg.....Ivy 3984

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Adair Forrest & George, Atlanta National Bank bldg .....Main 77

Roofing, Composition & Asphalt.
National Paper Co, Simpson, Elliott & Tyler Sou Ry .....Main 1163

Rubber Stamps.
Eagle Multigraphing Stamp & Seal Co, Austell bldg .....Main 1158

Safe Experts—OpenorRepair Anything—Sell all Safes.
Atlanta Safe Co, 65a W Mitchell.....Main 4601

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Robbins Mfg Co, Empire bldg.....Ivy 3377

Shingles, Asphalt & Composition.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Ship Furniture, Special Fittings, Interiors, Etc.
Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Sign Painters.
Munn Sign & Advertising Co, 63 N Broad....Ivy 826

Soil Pipe.
Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
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Sole Leather.
Alexander Bros, 102 N Pryor.....Ivy 4979

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Garvey's Inks & Brushes, D D Felton Brush Co 392½ Edgewood.....Ivy 4053

Surety Bonds.
National Surety Company (Wm L McCalley Jr, South Eastern Mgr), Atlanta National Bank bldg.....Main 1422

Tables, Manufacturers'.
Muller Geo W Bank Fixture Co, cor Lakewood av & Sou Ry.....Main 793

Tarpaulins.
Atlanta Tent & Awning Co.....East Point 483

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Farrior Taxi Service, 5 N Pryor opp Union sta.....Bell Main 1107 Atlanta-Main 150

Telephones, Interior (Factories, Apartment Bldgs)
Connecticut Telephone & Electric Co, (Sumter Tel Supply Co), 32 Fairlie.....Ivy 2169

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Atlanta Tent & Awning Co.....East Point 483

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National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

Twine, Cotton, Jute & Hemp.
National Paper Co, Simpson, Elliott & Tyler & Sou Ry .....Main 1163

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Corona Typewriter Company Inc, Trust Co of Ga bldg.....Ivy 7855

Universal Cast Iron Pipe.
Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
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Valve Boxes.
Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
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Valves (Iron & Steel).
National Valve & Mfg Co, (Earl F. Scott, Agt), Candler bldg.....Ivy 6937

Water Mains.
Central Foundry Co The, Trust Co of Ga bldg..Ivy 4747
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Water Supply Systems.
Crane Co (Leader Iron Wks), 31 Garnett..Main 2062

Weather Strips.
Monarch Metal Weather Strip Co The, (Beaullieu & Applewhite, Distributors), 3rd Natl Bank bldg.....Ivy 1754
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Niagara Metal Weather Strip Co, (Boyt & Brocklesby Co), Grant bldg.....Ivy 492

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Southern Wire & Iron Wks, 53-59 Martin...Main 5306

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Walden-Worcester Inc (J E Colley), Healey bldg .....Ivy 6117

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Alexander Bros, Leather Belting, (Lombard Iron Wks & Supply Co), 631, 11th..Augusta 26

Bricks & Hollow Tile.
Georgia-Carolina Brick Co, Lamar bldg..Augusta 745

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Alexander Bros, Leather Belting (Lombard Iron Wks & Supply Co), 631, 11th..Augusta 26

Machinery, Farm, of all Description.
Wirtz & Hernlen, 1709 Chestnut.....Augusta 1887

BRUNSWICK

Fruit & Vegetable Package Mnfrs.
Georgia Veneer & Package Company...Brunswick 88

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Wilson O E, 110 Church.....LaGrange 336

MACON

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Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

Castings, Ry's Building, Cotton MillsMunicipalGrate.
Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

Engines, Plain Valve & Automatic.
Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

Mill Supplies, Valves, Fittings, Pipe, Belting, Etc.
Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

Sand Washed Concrete.
Macon Fuel & Supply Co, 6th & Ocomulgee .....Macon 998

Stacks, Guyed & Self Supporting.
Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

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Schofield's J S Sons Co, Boundry & Hammond sts.....Macon 982

Veneer Panels, 3 or more ply, built up wood.
Flora-American Ply Wood Co Ltd, 750 Division.....Macon 2796

ROME

Automobile Oils.
Indian Refining Co, (Havoline Oil) East 9th & Maple .....Rome 320
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SAVANNAH

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Alexander Bros Leather Belting (J D Weed & Co), 221 Broughton W.....Savannah 743

Belting, Leather.
Detroit Oak Belting Co (Savannah Supply Co) 301 Bay W.....Savannah 3805

Cement Mnfrs.
Alpha Portland Cement Co, National Bank bldg .....Savannah 3955

Dredging & Drainage Contractors, Harbor Impts.
Globe Dredging Co, Savannah Bank & Trust bldg. .....Savannah 2605

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Southern Oil & Chemical Co, Savannah Bank & Trust bldg.....Savannah 907

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Alexander Bros Leather Belting (J D Weed & Co), 221 Broughton W.....Savannah 743

Lumber, Cypress & Pine, Rough & Dressed.

Pine Plume Lbr Co, Savannah Bank & Trust bldg.....Savannah 3026

Oils & Greases, Lubricating.

Atlantic Lubricants Co, 101 E St Julian.Savannah 231

Rosin.

London-Savannah Naval Stores Co, Germania Bank bldg.....Savannah 697

Rosin Oils (Varnishes & Pitch).

Southern Oil & Chemical Co, Savannah Bank & Trust bldg.....Savannah 907

Rosin & Turpentine.

Antwerp Naval Stores Co, Savannah Bank & Trust bldg.....Savannah 4877

Structural Steel & Ornamental Iron.

Wood J E Co The, Liberty Bank & Trust bldg .....Savannah 1095

Turpentine.

London Savannah Naval Stores Co, Germania Bank bldg.....Savannah 697

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Antwerp Naval Stores Co, Savannah Bank & Trust bldg.....Savannah 4877

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Wallace Vinegar Co of Ga, 402 E Bay..Savannah 1804

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Monarch Metal Weather Strip Co, (Meldrim Thomson, Distributor), Artillery Hall.Savannah 457
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Niagara Metal Weather Strip Co, (E M Hopkins), 30 East Bryan.....Savannah 345

HAWAII

HONOLULU & HILO

Belting Leather.

Detroit Oak Belting Co (Theo D Davies & Co Ltd)

IDAHO

IDAHO

Land area		83,354
Water area		534
Population	(Estimated)	436,881
White	(U. S. Census 1910)	319,221
Negro		651
All others		5,722
Foreign-born white		40,427
Native white		278,794
Male		185,546
Female		140,048

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1 Hailey .....D 6
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1 Kellogg .....B 2
6 Lewiston .....A 3
1 Malad City .....F 7
2 Montpelier .....G 7
4 Moscow .....A 3
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2 Mullan .....C 2
4 Nampa .....B 6
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2 Payette .....B 5
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Population—Hundreds

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4 Potlatch .....B 3
7 Rathdrum .....A 2
4 Reubens .....B 3
6 Rigby .....G 6
4 Roseberry .....C 5
3 Salubria .....B 5
4 Samaria .....F 7
5 Shelley .....G 6
4 Silver City.....B 7
5 Soda Springs...G 7
9 South Boise ...Q 5
9 Spirit Lake.....H 2
5 St. Joe .....B 2
9 St. Maries.....B 2
4 Star .....B 6
4 Sugar .....C 6
5 Troy .....B 3
3 Vollmer .....B 3
5 Wendell .....D 7
4 Weston .....F 7
4 White Bird ....B 4
5 Winchester ....B 3

ST. MARIES

Box Shooks.

St Maries Modern Box Co.....St. Maries 63

IDAHO
SCALE
Statute Miles, 51 = 1 Inch.
Rand McNally's New 11 x 14 Map of Idaho.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
BRITISH COLUMBIA
BOUNDARY
LINCOLN
BONNER
KOOTENAI
SHOSHONE
BENEWAH
LATAH
CLEARWATER
MISSOULA
FLATHEAD
SANDERS
LEWIS AND CLARK
POWELL
GRANITE
RAVALLI
JEFFERSON
LEWIS
CASCADE
MEAGHER
BROADWATER
GARFIELD
WHITMAN
WALLOWA
ADAMS
IDAHO
LEMHI
BEAVER HEAD
MADISON
GALLATIN
YELLOWSTONE NATIONAL PARK
BAKER
WASHINGTON
VALLEY
CUSTER
FREMONT
BOISE
ELMORE
CAMAS
BUTTE
BONNEVILLE
BINGHAM
BLAINE
GOODING
LINCOLN
OWYHEE
TWIN FALLS
POWER
ONEIDA
BEAR LAKE
FRANKLIN
BANNOCK
NEVADA
UTAH

ILLINOIS
SCALE
Statute Miles. 38 = 1 Inch.
0 5 10 20 30 40 50 60
Rand McNally & Co's New 11 x 14 Map of Illinois.
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Chicago
Bloomington
Springfield
Decatur
Peoria
Rockford
Aurora
Joliet
Kankakee
Galesburg
Burlington
Quincy
Alton
Cairo
Mattoon
Danville
Champaign
Urbana
Terre Haute
Evansville
Vincennes
Cedar Rapids
Iowa City
Dubuque
Clinton
Davenport
Keokuk
Fort Madison
Muscatine
Moline
Rock Island
Freeport
Dixon
Ottawa
Streator
Pontiac
Lincoln
Jacksonville
Carlinville
Hillsboro
Mt. Vernon
Centralia
Carbondale
Cape Girardeau
Sikeston
Kaskaskia
Shawneetown
Mt. Carmel
Olney
Paris
Charleston
Effingham
Salem
Mt. Vernon
Pinckneyville
Chester
Ste. Genevieve
Potosi
Farmington
Bismarck
Steelville
Warrenton
St. Charles
St. Louis
Belleville
Edwardsville
Alton
Carrollton
Greenville
Vandalia
Olney
Lawrenceville
Mt. Carmel
Princeton
Kewanee
Galesburg
Monmouth
Macomb
Canton
Pekin
Lexington
Gibson City
Hoopeston
Watseka
Kankakee
Joliet
Aurora
Elgin
Rockford
Freeport
Dubuque
Cedar Rapids
Iowa City
Davenport
Muscatine
Keokuk
Fort Madison
Burlington
Quincy
Alton
Cairo
Mattoon
Danville
Champaign
Urbana
Terre Haute
Evansville
Vincennes
Lake Michigan
Mississippi River
Illinois River
Wabash River
Ohio River
Missouri River

ILLINOIS

ILLINOIS

Land area		56,043
Water area		622
Population	(Estimated)	6,193,626
White	(U. S. Census 1910)	5,526,962
Negro		109,049
All others		2,580
Foreign-born white		1,202,560
Native white		4,324,402
Male		2,911,674
Female		2,726,917

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(See map, on preceding page)

Population—Thousands			
23	Alton	E	8
3	Anna	G	11
34	Aurora	I	2
4	Batavia	I	2
6	Beardstown	E	5
21	Belleville	F	9
7	Belvidere	H	1
27	Bloomington	H	5
9	Blue Island	J	2
16	Cairo	G	11
13	Canton	F	4
5	Carbondale	G	10
4	Carlinville	E	7
3	Carmi	I	9
3	Carterville	G	10
12	Centralia	G	9
15	Champaign	I	5
6	Charleston	I	6
3	Chester	F	10
2498	Chicago	J	2
22	Chicago Heights	J	2
5	Clinton	H	5
7	Collinsville	F	8
32	Danville	J	5
40	Decatur	H	6
9	DeKalb	H	2
7	Dixon	F	2
3	Dundee	I	2
5	Duquoin	G	10
75	East St. Louis	E	9
5	Edwardsville	F	8
4	Effingham	H	7
3	Eldorado	I	10
28	Elgin	I	1
29	Evanston	J	1
20	Freeport	F	1
5	Galena	E	1
24	Galesburg	E	4
3	Geneseo	E	3
15	Granite City	E	8
3	Greenville	F	8
5	Harrisburg	H	10
3	Harvard	H	1
7	Harvey	J	2
4	Havana	E	5
7	Herrin	G	10
4	Highland Park	J	1
3	Hillsboro	G	7
5	Hoopeston	J	5
15	Jacksonville	E	6
4	Jerseyville	E	7
3	Johnston City	H	10
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14	Kewanee	E	3
5	LaGrange	J	2
3	Lake Forest	J	1
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3	Lawrenceville	J	8
12	Lincoln	F	5
6	Litchfield	F	7
6	Macomb	D	5
5	Madison	E	8
7	Marion	H	10
3	Marseilles	H	3
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5	Melrose Park	J	2
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5	Metropolis	H	11
2	Minonk	G	4
27	Moline	D	2
10	Monmouth	D	4
5	Morris	I	3
3	Mound City	G	11
7	Mt. Carmel	J	9
4	Mt. Olive	F	7
10	Mt. Vernon	H	9
7	Murphysboro	G	10
3	Naperville	I	2
4	Normal	H	4
3	North Chicago	J	1
27	Oak Park	J	2
5	Olney	I	8
10	Ottawa	H	3
6	Pana	G	7
8	Paris	J	6
3	Paxton	I	5
11	Pekin	F	4
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4	Robinson	J	7
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29	Rock Island	D	3
4	Savanna	E	1
4	Shelbyville	H	7
3	Sparta	F	9
61	Springfield	F	6
7	Spring Valley	F	3
4	St. Charles	I	2
5	Staunton	F	8
7	Sterling	F	2
14	Streator	H	3
4	Sycamore	H	2
5	Taylorville	G	6
3	Upper Alton	E	8
10	Urbana	I	5
3	Vandalia	G	8
4	Venice	E	8
4	Virden	F	7
20	Waukegan	J	1
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5	Wilmette	J	1
3	Winnetka	J	1
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Stencil Paper, Plain & Oil Board.

Ideal Stencil Machine Co, 52 Ideal blk..Belleville 162
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Stencil & Marking Inks.

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Baker Vawter & Wolf, Tribune bldg.....Randolph 3285
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Grimes J Frank, 30 N LaSalle.....Franklin 1013
Hertz Henry L 30 N Dearborn.....Randolph 4904
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Accountants, Certified Public.

Andersen De Lany & Co, 111 W Monroe Randolph 5386
Ernst & Ernst, Continental & Commercial Bank bldg.....Harrison 8700
Flershem W B 30 N Dearborn.....Randolph 4904
Hunt S Wade, 111 W Monroe.....Central 6721
Mitchell J J, 155 N Clark.....Central 1943
Rigg C, Schiller bldg.....Randolph 1000
Scheinman Jesse D First Natl Bank bldg Randolph 1007
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Fulton Asphalt Co, Monadnock blk....Harrison 7114

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Buckley, Dement & Co, 632 Sherman...Harrison 850
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Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

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Advertisement & Business Writers.

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Erickson-Shepherd, 218 S Wabash.....Harrison 1040

Advertisement Setters.

Pittsford Ben C Co, 442 S Dearborn...Harrison 7131

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Wade Advertising Agency, 37 W Vanburen.Harrison 307
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Advertising Agents.

Arkenberg Special Agency (Newspaper Classified exclusively. Combination lists free) Lytton bldg.....Harrison 5308
Batten George Company Inc, 332 S Michigan av.....Wabash 7116
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Reisman H E Advertising Co, 122 S Michigan av.....Harrison 2034
Snitzler Advertising Co 58 E Washington.Majestic 7550
Turner Advertising Co 608 S Dearborn...Harrison 6296

Advertising Articles (Mfrs.)

Advertising Novelty Co. Inc, 420 S Winchester av.....West 2474
Felsenthal G & Sons, 442-448 N Wells..Franklin 4424

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Parisian Novelty Co, 22d & La Salle....Calumet 3706
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Kvale John, 8 S Dearborn.....Randolph 7687

Advertising, Cards, Folders, Booklets, New & Different.

Leonard Kathleen, 127 N Dearborn.....Central 3633

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Phoenix Advertising Co, 3856 Grand bl..Douglas 5461

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Common Sense Novelty Co, 972-982 Montana.....Lincoln 5405

Advertising Sign Specialists

Shafer F L Advertising Sign Service, (Celluloid, Metal Glass Transparencies Litho, for Window Display, etc), 123 W Madison.....Randolph 2100

Advertising Signs.

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United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
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United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
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United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
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LaPierre Henry M Co, 1314 W 21st.....Canal 3137
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Antiques—Hand Hammered, Iron, Brass & Bronze, Mfrs.
Johnson-Meier Co, 155-157 Wendell.....Superior 5205

Appraisal-Industrial Real Estate.
Mills Walter, 30 N Lasalle.....Franklin 923

Appraisals—Mfg. Plants, Etc
Standard Appraisal Co (Lane Lyle, Rep) N Y Life bldg, 39 S LaSalle.....Central 5918

Appraisers.
American Appraisal Co The, First Natl bank bldg ..... Central 6942
Chicago Appraisal Co 175 W Jackson bl..Wabash 7444
Coats & Burchard Co, 11 S LaSalle.....Central 3409
Commonwealth Audit Co, First Natl Bank bldg .....Randolph 4201
Fidelity Appraisal Company, Insurance Exchange bldg.....Harrison 66
Illinois Appraisal Co, 8 S Dearborn....Central 567
Lloyd-Thomas Co The, 1124 Wilson av.Edgewater 8100
Manufacturers' Appraisal Co, Monadnock blk .....Harrison 2178
Niehoff & Hanna, 139 N Clark.....Randolph 5912
Rau Appraisal Co, Monadnock blk.....Harrison 3377
Walker Frank R Co, 168 N Michigan av..Randolph 1304

Aprons—Leather.
Pick Richard Mfg Co, 224 N Wells.....Main 1545

Aprons—Mnfrs.
Aetna Apron Co, 178 W Jackson blvd....Wabash 4046
Simon N & Co, 821 Rees.....Diversey 1820

Arches, Boiler and Stoker.
Detrick M H Co, 549 Washington bl....Franklin 4776

Architects.
Davidson & Weiss 53 W Jackson bl ..... Harrison 7818
Gerhardt Paul, Schiller bldg 64 W Randolph. .....Central 3178
Liedberg Hugo J, 154 W Randolph.....Main 3617
Stanhope Leon E 111 W Monroe ..... Central 2577
Stebbings W L, Monadnock blk.....Harrison 258

Architects & Engineers.
Glaver & Dinkelberg 80 E Jackson bl....Wabash 8727

Architects' Hospital Service.
Woodbridge Carlin H, 104 S Michigan av Randolph 6014

Architects' Rendering Perspectives & Sketches.
Morgan Chas L, 104 S Michigan av .... Randolph 6014
Wilson Frances M 110 S Michigan av....Randolph 6067

Architectural Bronze Work.
Chicago Architectural Bronze Co, 519 W Vanburen ..... Wabash 5496

Architectural Carvers and Modelers.
Dux Joseph, 2118 W Vanburen ..... West 1703

Architectural Iron Works.
Chicago Iron & Steel Co, 733 Fulton ..... Monroe 3612
Duffin Iron Co, 4837-55 S Kedzie av ... McKinley 732
Manton & Smith Company, 1709 W Austin av ..... Haymarket 6145
Woodbridge Ornamental Iron Co, 400 W Erie ..... Superior 4928

Architectural Sculptors.
Dux Joseph, 2118 W Vanburen ..... West 1703

Architectural Wood and Stone Carving & Designing.
Dux Joseph, 2118 W Vanburen ..... West 1703

Art Glass.
Schuler Art Glass Co, 617-631 W Jackson blvd. ..... Haymarket 3672
Schuler-Mueller Co, 314-322 W Superior. Superior 5649

Art Glass Metal Table Lamps—Mnfrs.
Mosaic Shade Co The, 1512 S Michigan av ..... Calumet 7363

Art Novelties.
Chicago Society of Art Needlework, 143 N Wabash av ..... Central 3386

Artesian & Driven Well Contractors.
Gray F M Jr, 14 E Jackson bl ..... Harrison 1147

Artificial Eyes, Human.
Mager & Gougelmann Inc, 14 W Washington. Central 8755

Artificial Flower Mnfrs.
Baumann L & Co, 357-359 W Chicago av ..... Superior 7734

Artificial Flowers.
Botanical Decorating Co, 208 W Adams .. Franklin 5580
Randall A L Company, 180 N Wabash av. Central 7720
Schack Artificial Flower Co The, 1739-1741 Milwaukee av ..... Humboldt 304

Artificial Flowers and Decoratives.
Adler-Jones Co The, 333 S Market ..... Harrison 940

Artificial Limbs.
Sharp & Smith, 155-57 N Michigan bl ..... Randolph 3421
20th Century Artificial Limb Co, 117 N Dearborn ..... Central 4664

Artificial Limbs & Surgical Appliances—All Kinds.
United Surgical Appliance Co, 231 S Halsted ..... Monroe 5539

Artificial Limbs, Trusses, Abdominal Supporters.
Chicago Deformity Apparatus & Truss Co, 2717 Lincoln av ..... Diversey 2966

Artists.
Barnett Jos H & Co, 508 S Dearborn .... Harrison 1389
Bawtin Engraving Co The, 19 S Wells .... Main 4103
Nicolai C A, 538 S Dearborn ..... Wabash 8622
Osgood Co, 430 S Market ..... Wabash 2358

Artists, Commercial.
Dickson-Shepherd, 218 S Wabash av .. Harrison 1040
Goldschmidt Robert, 537 S Dearborn ..... Wabash 2119

Artists and Engravers.
Waskow Co The, 551 W Washington bl .. Franklin 5231

Artists' Materials.
Campana D M Art Co, 323-325 S Wabash av ..... Harrison 6633

Artists' Materials (Wholesale & Retail).
Abbott A H & Co, (Retail Store 19 N Wabash av) 208 S Wabash av, ... Harrison 8870

Artists' Materials & Drawing Supplies.
Favor Ruhl & Co, 425 S Wabash av .... Harrison 7215

Asbestos.
Advance Packing & Supply Co 11 N Franklin Main 3761
Mikesell Brothers Co, 178 N Lasalle ..... Franklin 2542
Sall Mountain Company, 230 S Lasalle. Wabasn 1840

Asbestos Boiler & Pipe Covering.
Ajax Pipe & Boiler Covering Co, 9 W 22d ..... Calumet 4019

Asbestos Goods.
Acme Asbestos Covering & Supply Co, ne cor Kinzie and Ada ..... Monroe 2343
Central Asbestos Magnesia Co, 214-216 W Grand av ..... Randolph 4830
Chicago Asbestos Mfg Co, 1909-17 W 22d pl ..... Canal 1093
Standard Asbestos Mfg Co, 820-22 W Lake ..... Monroe 2011

Ash Cans, Ash Sifters.
Diener Geo W Mfg Co, 400-416 N Monticello av ..... Kedzie 2266

Ash & Coal Handling Equipment.
Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 780

Ash Handling Equipment
Brady James A Foundry Co, 15th and Western bl ..... McKinley 3080
Green Engineering Co, 14 E Jackson bl .. Harrison 1743

Asphalt.
Barber Asphalt Paving Co The, (Trinidad and Bermudez), Tribune bldg ..... Randolph 3042
Biegler E N Inc, 2730 N Rockwell ..... Humboldt 135
Fulton Asphalt Co, Monadnock blk ..... Harrison 7114

Asphalt—Crude.
Central Commercial Co, 111 N Market ..... Main 733

Asphalt Floors.
Fulton Asphalt Co, Monadnock blk ..... Harrison 7114

Asphalt Shingles.
Beckman-Dawson Roofing Co, 19 S Lasalle ..... Central 4479

Attorneys at Law.
Ames Howard, Conway bldg ..... Franklin 4620
Maddock & Jaffe, 39 S LaSalle ..... Randolph 1048

Auctioneers.
Tauber Michael & Co, 317 S Market ..... Harrison 890
See our Catalog Space, page 916.
Winternitz Samuel H & Co, 79 W Monroe ..... Majestic 7356

Auditors.
Aitchison R J & Co, 30 N LaSalle .... Franklin 1013
Bacon Albert T, 208 S Lasalle ..... Wabash 6616
Baker Vawter & Wolf, Tribune bldg ... Randolph 3285
Betak T W & Co, Tribune bldg ..... Randolph 2226
Commonwealth Audit Co, First Nat Bank bldg ..... Randolph 4201
Goettsche H C & Co, Chicago Stock Exchange bldg ..... Franklin 4344
Grimes J Frank, 30 N LaSalle ..... Franklin 1013
Hertz Henry L, 30 N Dearborn ..... Randolph 4904
Mitchell J J, 155 N Clark ..... Central 1943
Teeter & Niquette, 30 N LaSalle ..... Franklin 4344
Thompson Wm W & Co, 30 N LaSalle .. Franklin 1013

Autographic Registers & Roll Printed Stationery.
United Autographic Register Co, S Western bl and W 43d ..... McKinley 4455

Autographic Registers and Roll Printers.
Egry Register Co The, (M A Summy, Sales Agt), Fisher bldg, 343 S Dearborn .. Harrison 2659
Globe Register Co The, (D F Kilgore & Geo J Sullivan), Lumber Exch bldg .. Central 4637

Automatic Machinery.
King R D, Monadnock blk ..... Wabash 4897
Kux Albert S, 127 N Dearborn ..... Randolph 5693

Automatic Musical Instrument Mnfrs.
Gabel's Entertainer Co (Gabel's Entertainer), 210 N Ann ..... Monroe 5398

Automatic Sprinkler Systems.
Aetna Fire Sprinkler Co, 9 S Clinton ..... Franklin 4720

Automobile Accessories.
Stewart-Warner Speedometer Corp, 1826 Diversey blvd ..... Lake View 6000
Vesta Accumulator Co, 2100 Indiana av .. Calumet 4530

Automobile Accessories (Manufacturers).
Industrial Products Co, 334 N Irving av .... West 3528
Metal Specialties Mfg Co, 338-352 N Kedzie av ..... Garfield 440
Walden-Worcester Inc (C N & F W Jonas), Transportation bldg ..... Wabash 8429

Automobile Accessories (Mnfrs. & Selling Agents).
Angsten-Koch Co, (Hand Horns, Tail Lamps and Switches, Pumps, Rim Tools, Piston Rings, Manifolds) 4062-68 Princeton av. Yards 18

Automobile Air Starters for Fords & Trucks.
Air Device Co, 2975-77 Cottage Grove av. Douglas 48

Automobile, Ball Joints Spark & Throttle Control.
Mechanical & Electrical Mnfg Co, 2227 Prairie av ..... Calumet 2328

Automobile Batteries.
Vesta Accumulator Co, 2100 Indiana av .. Calumet 4530

Automobile Bodies.
Press' Jacob Sons, 300 N Halsted ..... Monroe 797

Automobile Bodies, Bus Mnfrs.
Press' Jacob Sons, 300 N Halsted ..... Monroe 797

Automobile Chains (Truck & Pleasure Cars).
Grus Leaf Spring Oiler Co, 625 W Jackson bl ..... Haymarket 5914

Automobile Designers, Mechanical Engineers.
Kux Albert S, 127 N Dearborn ..... Randolph 5693

Automobile Electric Lighting Specialties.
Aid Manufacturing Co Inc, 2625 to 2631 Stewart av ..... Calumet 2642

Automobile Electrical Equipment Installed & Repaired.
Illinois Starter & Magneto Co, 2237 Cottage Grove av ..... Calumet 3868
Jones Arthur Electric Co, 2837 S State .. Calumet 7430

Automobile Flag Dimmers Mnfrs., Free Catalog.
Parrish S H & Co, 302 S Clark ..... Harrison 2932

CHICAGO—continued

Automobile Gear Cutting & Welding
Pondelick Bros, 215-219 S Leavitt.....West 1986

Automobile Gears for Self Starters.
Adapt Machinery Co The, 1624-1632 S Wabash av.....Calumet 946

Automobile Hardware and Limousine Hardware.
Hoof Bros Co, 232 W Randolph.....Franklin 4748

Automobile Heaters & Coal for Heaters.
Chicago Flexible Shaft Co, 5600 W 12th..Austin 1900

Automobile Jacks.
Templeton, Kenly & Co Ltd, (Simplex Jacks), 1020 S Central av.....Austin 694

Automobile Lamp Repairing
Illinois Carriage Lamp Co The, 224 W Illinois .....Superior 816

Automobile Lamps.
Vesta Accumulator Co, 2100 Indiana av..Calumet 4530

Automobile Leathers.
Hoof Bros Co, 232 W Randolph.....Franklin 4748

Automobile Lighting Equipment.
Vesta Accumulator Co, 2100 Indiana av..Calumet 4530

Automobile Lock Mnfrs for Ford Cars.
Security Auto Lock Co, 410 N Paulina...Monroe 1686

Automobile Lubrication (Springs).
Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914

Automobile Manifolds.
Whittier Co, 2332 S Michigan av.....Calumet 7456

Automobile Metal Moulding Mnfrs.
Auto Moulding & Mfg Co, 1926-1928 S Wabash av.....Calumet 2585

Automobile Motors.
Rutenber Motor Co, Otis bldg.....Franklin 3313

Automobile Name Plates—Brass, Etched.
Etching Co of Am, 2526 W Congress.....West 3070

Automobile Oils.
Indian Refining Co (Havoline Oil), 122 S Michigan av.....{Bell Harrison 7550 / Automatic 61217}
See our Catalog Space, page 917.

Automobile Parts, Duplic'te
Adapt Machinery Co The, 1624-1632 S Wabash av.....Calumet 946

Automobile Radiator Mnfrs.
Hooven Radiator Co, 417 S Dearborn..Harrison 8505

Automobile Radiators, Hoods Tanks—Mnfrs. & Repairers.
Belden Auto Sheet Metal Wks (The), 2446 Lincoln av.....Diversey 1773
Wabash Auto Radiator Mfg Co Inc, 1117-19 S Wabash av.....Harrison 4126

Automobile Repairers.
Christopher Motor Car Co, 3308-20 Sheffield av.....Lake View 95

Automobile Specialties—Mnfrs.
Star Specialty Mfg Co, 227 W Erie.....Superior 1632

Automobile Spring Oilers.
Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914

Automobile Springs for Ford Cars.
Duplex Cantilever Spring Co, 180 N Dearborn .....Central 2364

Automobile (Bodies) Steel Dump.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Automobile Storage.
Mahin Shipping & Storage Warehouse, 2201-19 Ford av .....Canal 7171

Automobile Supplies.
Twitchell Gauge Co The, 1516 S Wabash av .....Calumet 5730

Automobile Textile Products & Cocoa Mats.
Angsten-Koch Co, (Fan Belts, Cushions, Radiator Covers, Tool Rolls, Draft Shields, etc, Cocoa Mats), 4062-68 Princeton av.....Yards 18

Automobile Tire Accessories & Fabric Patches.
Alwas-Hold Tire Patch Co, Stony Island av & 69th pl.....Midway 9537

Automobile Tires and Accessories.
Boulevard Tire & Supply Stores Inc, 104 S Mich av.....Central 7927

Automobile Tires, all kinds, Firsts & Seconds.
Carlsten-Williams Co, 2111-2117 S Michigan av.....Calumet 5840

Automobile Tires, Truck (Solid Rubber).
Chicago Tire Co, 2111 S Wabash av....Calumet 3106

Automobile Tops and Cushions.
American Auto Top Co, 1451-53 W Washington bl .....Monroe 6473

Automobile Touring Chains.
Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914

Automobile Trimmings.
Hoof Bros Co, 232 W Randolph.....Franklin 4748

Automobile Truck Bodies, Lumber Roll off Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Automobile Truck Bodies, Removable, Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Automobile Truck Bodies, Steel Construction.
Archer Iron Works, Western av and 34th pl.Yards 212
Auto Truck Steel Body Co, 3028-46 Carroll av.....Garfield 1518

Automobile Tubing.
Dallas A C & Son Inc, 223 N Jefferson...Franklin 5320

Automobile Wheels, Rims, All Makes.
Chicago Wheel & Rim Co, 2010-2012 S Wabash av.....Calumet 6470

Automobile Wrenches.
Walden-Worcester Inc (C N & F W Jonas) Transportation Bldg.....Wabash 8429

Automobiles Mnfrs.
Elgin Motor Car Corp, 2427 S Michigan av .....Calumet 6420

Awnings.
Chicago Awning Co, 416 Milwaukee av....Monroe 1923
Walger Awning Co, 215-219 W Ohio....Superior 1090
Walger Wm & Sons Company, 1441-48 Montrose av .....Wellington 374

Awnings & Canvas Spec'lties
Smith Bros, 731-733 N Wells.....Superior 576

Axle Mnfrs. (Automobile).
Adler Mfg Co, 2407-11 W Ohio.....Seeley 703

Babbitt Metals.
Allen L D Metal Wks, 14 E Jackson bl..Harrison 1147
Barnhart Brothers & Spindler, Throop and Monroe .....Haymarket 5400
Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615
Murphy Metals Co, 114-116 W Vanburen.Harrison 964
Staplin & Smith, 420 Orleans.....Main 2244
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Babbitt Metals, Anti-fric'tn.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Babbitt Metals, Copper, Hardened.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Babbitt Metals (Nickel) for High Speed Motors.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Babbitt, Rolling Mill.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Badges.
Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

Badges, Banners & Flags.
Lauterer Geo Co, 222 W Madison.....Main 4728

Badges, Banners, Flags and Button Makers.
Gleason T C & Co, 173 W Madison.....Main 60

Badges and Buttons.
American Badge Co, 141-143 W Austin av.Franklin 330
Lynch J L, 325 W Madison.....Franklin 2234

Badges—Ribbon, Metal, Celluloid.
Geraghty & Company, 3035-37 W Lake....Kedzie 401

Baggage Checks.
Wilcox W W Mfg Co, 564 W Randolph...Franklin 3861

Baggage Checks, Mnfrs.
International Tag Co, 652 W Lake....Haymarket 679

Bags (Mnfrs).
Milwaukee Bag Co, 226 S LaSalle.....Wabash 4256
Feitel Dan W Bag Co Ltd, (Largest exclusive second hand bag dealers in the United States), 25 S Desplaines.....Main 5975

Bags, Burlap (Mnfrs.).
Central Bag Mnfg Co, 3622-30 Iron.....Yards 7420

Bags—Burlap—Second Hand.
Mid Western Bag & Burlap Co Inc, 1842 Milwaukee av .....Armitage 2633
Western Bag & Burlap Co, 24th, Wallace and 25th .....Calumet 5617

Bags, Cotton (Mnfrs.).
Central Bag Mfg Co, 3622-30 Iron.....Yard 7420

Bags, Dealers & Mnfrs., also Burlaps.
Richard L & Co, 405-407 N Desplaines.Haymarket 818

Bags, New and Used.
Jerome Trading Co, 1351 S State.....Calumet 1152

Bakers' Fixtures, Mnfrs. & Designers.
Inter-Ocean Cabinet Co, 322-326 S Paulina.West 3319

Bakers Journal.
Bakers' Helper Company, 327 S Lasalle..Wabash 4816

Bakers' Machinery.
Champion Machinery Co, 175 W Jacksonbl.Wabash 2020

Bakers' Machinery—Mnfrs of Pie Bakers' Machinery.
Colborne Mfg Co, 170 W Division.....Superior 1000

Bakers' Ovens.
Hubbard Portable Oven Co, 1134-1144 Belden av .....Lincoln 92

Bakers' Schools.
Siebel Institute of Technology, 960 Montana .....Lincoln 1079

Bakers' Supplies.
Bear Brothers Co, 108 E South Water...Central 3789
Bear E A & Co, 728-30 W Randolph.....Monroe 3364
Hirsch Brothers Co, 206-208 W Illinois...Superior 4375

Bakers' Supplies & Confectioners' Supplies.
Allen J W & Co, 116 N Peoria.....Monroe 1441
Seidel Ad & Sons, 1245-1257 Garfield av..Lincoln 241

Bakers Woodenware, Trucks & Tools.
Schroeder H L, 3512-3544 Carroll av....Kedzie 1138

Balata Belting.
Manheim Mfg & Belting Co, cor Lake & Jefferson .....Monroe 6044

Baling Presses.
Davenport Mfg Co, (Thos L McGrath, Repr), 326 River.....Majestic 8686

Ball Bearings.
Aetna Ball Bearing Mfg Co, 221 Institute pl .....Superior 7695
Ahlberg Bearing Co, 2636 S Michigan av .....Calumet 1786
Alfnir Bearing Co, 1919 S Michigan av...Calumet 1451
A-A Ball Bearing Mfg Co, 123 N Albany av.Kedzie 8921
See our Catalog Space, page 920.
Ahneider Stefan Ball Bearing Mfg Co, 1821-23 Berteau av.....Wellington 788
Standard Roller Bearing Co, 2206 S Michigan av .....Calumet 243

Ball Bearings (All Kinds).
Chicago Pulley Shafting Co, 40 S Clinton..Main 1876

Ball Bearings for Power Transmission.
Transmission Ball Bearing Co, 12 N Jefferson .....Monroe 4661
See our Catalog Space, page 920.

Ball Bearings—Radial, Thrust, Magneto & Two Row
Fafnir Bearing Co (Mnfrs "America's Quality Bearing") 1919 S Michigan av.....Calumet 1451

Ball Bearings Reground & New, All Makes & Special.
Ahlberg Bearing Co, 2636 S Michigan av .....Calumet 1786
Pruyn Ball Bearing Works, 1919 S Michigan av.....Calumet 3798

Ball Bearings & Repairs.
Pruyn Ball Bearing Works, 1919 S Michigan av.....Calumet 3798

Ball Joints, Spark & Throttle Control (Automobiles).
Mechanical & Electrical Mfg Co, 2227 Prairie av .....Calumet 2328

Ball & Roller Bearing Service, New & Remade.
Pruyn Ball Bearing Works, 1919 S Michigan av.....Calumet 3798

Balloons Rubber Wholesale.
Shure N Co, 237-241 W Madison.....Main 3482

Band Instrument Mnfrs.
Taylor & Horn, 173 N Green .....Monroe 585

Band Instruments.
Dixie Music House The, 105 W Madison.Randolph 962

Bands and Orchestras.
Hand Johnny Band & Orchestras The, 127 N Dearborn .....Randolph 5237

Band Re-Saw Blades Mnfrs.
Swett Frank W & Son, 1716-18 W Adams..West 2508

Band Saw Blades, Mnfrs.
Swett Frank W & Son, 1716-18 W Adams..West 2508

Band Saw Machines, Metal, Power.
Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004.

Bank Examiners.
Commonwealth Audit Co, First Nat Bank bldg .....Randolph 4201

Bank Fixtures.
Schick Johnson Company, 1737-45 N Paulina .....Haymarket 3957

Bank and Office Fittings.
Schweizer & West Mfg Co, 310-322 N Ada .....Monroe 1839

Bank Signs.
Marx Zero Sign Works, 126 N Peoria...Haymarket 1197

Bank, Store & Office Fixt'rs.
Inter-Ocean Cabinet Co, 322-326 S Paulina..West 3319

Bank Supplies.
Spurgin Mfg Co, 7011 Vincennes av....Vincennes 366

Banks and Bankers.
Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle .....Randolph 560

Banks—Dime Savings, Advertising.
Carroll J B Company, cor Carroll & Albany.Kedzie 496

Barrels.
Austin Barrel Co, 2023 W Austin av.....Seeley 3171
Elszner John Co, 1050 W Kinzie.....Monroe 733
Higgins Bros, 3111-3135 S Lincoln.....Yards 795
Kirk Joseph H Co Inc, 3101 to 3123 Emerald av and 703 to 743 W 31st....Yards 1218
McArdle & Co Inc, 38th pl and Gage.....Yards 764

Barrels, Alcohol, Liquor & Oil—Second Hand.
House & McKay Cooperage Co, 1407-13 Edgemont av.....Monroe 5700

Barrels and Kegs.
Ryan D W Cooperage Co, 1634 Besley ct .....Monroe 5511

Barrels, New and Second Hand.
Gerold Frank Co The, 453-59 N Green....Monroe 1062
McArdle & Co Inc, 38th pl & Gage.....Yards 764

Barrels, Oil & Tallow, Second Hand.
Van Wyck Henry, 2442 Elston.....Armitage 2601

Barrels—Steel.
Pressed Steel Tank Co, 208 N LaSalle..Wabash 6489

Barrels—Trimmed Oil, Dealers & Shippers.
Acme Barrel Co, 2235-2239 W Grand av...Seeley 3168

Bars for Re-Inforced Concrete.
Corrugated Bar Co, 20 W Jackson bl.. Harrison 3724
Dean Olney J & Co, 19 S LaSalle.....Central 3462

Basket and Furniture Mfg. Reed, Willow and Rattan.
Chicago Willow Ware Co, 542 E 47th...Oakland 3888

Basket Mnfrs. All Splint and Wooden.
Strantz & Pindraz, 403 Oswego .....Monroe 5632

Basket Mnfrs., Splint, Stave and Rattan.
Standard Basket Co, 2015-2023 Emerson av.Seeley 2238

Bath Room Fittings.
Central Specialty Mfg Co, 500 S Peoria..Monroe 5885

Bath Room Fixtures.
Verbeek Harry Co, 175 W Jackson bl....Harrison 217

Bath Tub Fixtures Exposed & Concealed—Shower Baths.
Goetz Brass Company, 630 N Franklin...Superior 4320

Baths for Rheumatism, Poor Circulation, Nervousness.
Kellberg Institute Est, 1881, 109 N Dearborn .....Central 2632
Palmborg Hannah, 3326 N Clark.....Lake View 1331

Batteries Electric Storage.
Perfection Storage Battery Co, 2901-2909 Indiana av.....Calumet 7070

Battery Plates and Mud.
Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668

Beads & Beading—Braiding & Embroidery.
Madison Embroidery Co, 5 S Wabash av.Randolph 2835

Bearings, Bronze.
Amalgamated Metals Co, 2554 Fillmore....Seeley 884

Bearings, Roller and Ball.
Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

Bed Bug Exterminators.
McCloud W B & Co, 1012 N Wells....Superior 568

Beds, Concealed.
Murphy Door Bed Co, 22 W Monroe....Randolph 2219

CHICAGO—continued

Beer Pumps (Electric).
Universal Pure Air Pump Co, 1607-1611 Prairie av ..... Calumet 1545

Beeswax.
Candy & Co Inc, 401-411 N Paulina..... Monroe 135

Bells (Musical).
Deagan J C Musical Bells Inc, 4201-5 Ravenswood av ..... Lake View 4364
See our Catalog Space, page 922.
Kohler Liebich Co The, 3553-55 Lincoln av ..... Wellington 5620
See our Catalog Space, page 922.

Belt Conveyors.
Olson Samuel & Co, 2418-22 Bloomingdale av..... Armitage 780

Belt Dressing.
Cling Surface Co (F C Willis), 565 W Washington blvd ..... Main 3260
Jobbers Mfg Co (Blue Ribbon Dressings, Liquid, Bar, Paste), 114-116 W Vanburen ..... Harrison 964

Belt Fasteners.
Flexible Steel Lacing Co, 522 S Clinton.. Wabash 4911

Belting.
Alexander Bros, 9 S Clinton..... Franklin 4140
Burrell Belting Co, 413 S Hermitage av... Seeley 2489
Chicago Pulley & Shafting Co, 40 S Clinton..... Main 1876
Chicago Rawhide Mfg Co The, 1301 Elston. Monroe 6760
Gump B F Co, 431-437 S Clinton..... Wabash 965
McCauley Belting Co, 412-420 Orleans... Franklin 643
Woodcock Bros, 165-167 N Jefferson..... Main 1805

Belting, Cotton.
Gump B F Co, 431-437 S Clinton..... Wabash 965

Belting, Leather.
Detroit Oak Belting Co, (Geo B Carpenter & Co), 440 N Wells..... Franklin 3344
Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450

Belting Leather, Rubber, Balata and Canvas.
Gump B F Co, 431-437 S Clinton..... Wabash 965

Belting—Leather, Rubber & Canvas.
Clinton Supply Co, 117 S Clinton..... Main 5064

Belting, Leather, Rubber, Canvas, Second Hand.
Passman Bros, 30 S Green..... Monroe 6960

Belting, Solid Wove Cotton.
Stanley Belting Corp. "Sole U S Agent for Stanley Belting for Transmission and Conveyor Purposes," 32-45 S Clinton. Franklin 4364

Belting, Wire Conveyor.
Page Steel & Wire Co, 175 W Jackson blvd. ..... Harrison 1197

Bench Milling Machines, Mnfrs.
Wright David A, 568 W Washington bl.. Franklin 5899

Bench Tapping Machines.
Partridge E O, 2039-2049 W Lake.... ...West 2039

Bias Bindings & Tapes.
Bias Narrow Fabric Co The, Brooks bldg, 223 W Jackson bl..... Wabash 2741

Bill Posters.
American Posting Service, 757 W Jackson. Monroe 1963

Billiard Supplies—Mnfrs.
Spinks William A & Co, 362 W Erie..... Superior 122

Billiard Tables & Supplies.
Brunswick-Balke-Collender Co The, 623-625 S Wabash av..... Harrison 6220
Kadin Henry & Co, 1823 Milwaukee av. Humboldt 4886

Binders, Magazine.
Barrett Bindery Co The, 732 Federal.... Wabash 4712

Bindings—Bias.
Omc Mfg Co (De Graff & Palmer) 223 W Jackson blvd..... Wabash 4123

Bindings & Tapes.
Barton F C (Specialist in narrow fabrics, every description), Brooks bldg, 223 W Jackson bl..... Wabash 2741

Bird Houses, Mnfrs.
Chicago Curtain Stretcher Co, 3725 Wall.. Yards 4349

Bits and Cutters for Wood.
Woodworkers Tool Works, 230 S Clinton.... Main 3804

Blackboards (Composition).
Caxton School Supply Co, 570 W Monroe. Franklin 4048

Blackboards—All Kinds.
Atlas School Supply Co, 531 S Peoria ..... Haymarket 7244
Nyhagen Reuben A, 14 E Jackson bl.... Harrison 3088
Rowles E W A Co, 327 S Market..... Harrison 647

Blackboards for Stock and Grain Quotations.
Bornhoft Eugene M, 209 S LaSalle..... Wabash 2837

Blacksmithing.
Chicago Iron & Steel Co, 733 Fulton..... Monroe 3612

Blank Bolts.
Boss Nut Co, 1732 N Kolmar..... Albany 4010

Blast Heating & Ventilating
Haines Co The, 1933 W Lake..... Seeley 4023

Blasting Supplies and Explosives.
Du Pont de Nemours E I & Company, McCormick bldg, 332 S Michigan av.. Harrison 6602

Blocks (Wire Rope).
National Equipment Co, 125-127 S Racine av. ..... Monroe 4036

Blow Pipe Engineers.
Invincible Blow Pipe Co The, 2527-31 Homer ..... Humboldt 9049

Blow Pipe Engineers & Mfrs.
Vortex Blow Pipe Co, 6215 Wentworth. Englewood 3109

Blow Pipe Mnfrs.
Cyclone Blow Pipe Co, 2542-2552 W 21st Lawndale 1910
Invincible Blow Pipe Co The, 2527-31 Homer ..... Humboldt 9049
U S Blow Pipe & Dust Collecting Co, 216 N Washtenaw av..... West 47
See our Catalog Space, page 923.

Blower & Blow Piping.
Cyclone Blow Pipe Co, 2542-2552 W 21st Lawndale 1910

Blowers & Exhaust Fans Mnfrs.
Batterman Truitt Co, 18-20 E Kinzie .. Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting. Superior 3433

Blowers and Exhaust Fans Manufactured & Installed.
Invincible Blow Pipe Co The, 2527-31 Homer ..... Humboldt 9049

Blowers, Positive, Rotary & Fan Type.
Dyar Hugh W, 140 S Dearborn..... Central 3066

Blue Print Filing Cabinets (Wood and Steel).
Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

Blue Print Machine Mnfrs.
Resolute Machine Co, (Crofoot Neilsen & Co, Agt), 180 W Washington..... Main 759

Blue Print Machinery.
Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

Blue Print Paper.
Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

Blue Print Sensitizing Machines.
Pease C F Company The, 166 W Adams.. Franklin 862
Pease C F Company The, 213-231 Institute pl ..... Superior 9475

Blue Prints.
Huey Co The, 59 E Adams..... Harrison 4640
Pease C F Company The, 166 W Adams.. Franklin 862

Bluing Mnfrs, Dry Powdered Form.
Finger R Co The, 2905-07 W Madison. Van Buren 2143

Boiler Compound.
Bird-Archer Co The, Peoples Gas bldg.. Harrison 5417
Dearborn Chemical Company, 332 S Michigan av ..... Harrison 3930
International Boiler Compound Co, 144-146 W Austin av ..... Franklin 1799
Sullivan Oil Co, 413 N Wells..... Main 3612

Boiler Compound—Metal Treatment.
Perolin Company of America The, 1112-1116 W 37th ..... Drover 391

Boiler Fire Door Tile.
McMillan James & Co, 114 Clarkson ct... Garfield 8722

Boiler Flanges.
Sundberg Company (Forged Steel Flanges for Boilers and Tanks) Kinzie and Carpenter ..... Monroe 573

Boiler Furnaces, for Low Grade Fuels & Wastes.
Boiler Efficiency Engineers, 608 S Dearborn ..... Harrison 401

Boiler Makers.
Acme Boiler & Tank Co, 48th & Aberdeen.. Yards 7409
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland ..... Lincoln 4533
Downey T F Boiler Works, 321-323 W Austin av ..... Franklin 1949
Frost Mfg Co The, 112 W Adams..... Central 3968
Kroeschell Bros Co, 440-472 W Erie..... Superior 8680
Lasker Iron Works, 3201-3299 S Lincoln ..... McKinley 3700
See our Catalog Space, page 924.
Mohr John & Sons, 349 W Illinois..... Main 1584
Page Boiler Company, 815 Larrabee..... Superior 1592
Pfeiffer Boiler & Repair Works 140 N Dearborn ..... Central 1311

Boiler Makers and Repairers.
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland ..... Lincoln 4533

Boiler Makers, Water Tube & Fire Tube Boilers.
Springfield Boiler Co, Marquette bldg.. Randolph 5998

Boiler Masons.
Hillesheim Fred Chimney Construction Co, 434 Belden av..... Diversey 2721

Boiler Repairs.
Hamler Boiler & Tank Co, 3006 S Halsted.. Yards 947

Boiler Setters.
National Power Construction Co, 343 S Dearborn ..... Harrison 781

Boiler Tubes.
Chicago Steel & Mfg Co, 180 N Wabash av. ..... Randolph 5859
See our Catalog Space, page 925.
Chicago Tube & Iron Co, 1469 S Jefferson.. Canal 3167
Downey T F Boiler Works, 321-323 W Austin av ..... Franklin 1949
Parkesburg Iron Co The, 343 S Dearborn. Harrison 3452

Boiler & Stoker Arches.
Detrick M H Co, 549 Washington bl... Franklin 4776

Boilers, Engines and Machinery.
Fannmueller Engineering Co, First Nat Bank bldg ..... Randolph 16
Power Equipment Co, Fisher bldg ..... Harrison 6616
Wilson Machinery Co, 331 W 35th ..... Yards 354

Boilers, Engines & Machinery (New & Second Hand)
yar Hugh W, 140 S Dearborn ..... Central 3066

Boilers, Engines & Machinery, Second Hand.
merican Machinery & Boiler Co, 1749 N Kenton av ..... Belmont 1776

Boilers (Mnfrs.), Water Tube.
ge Boiler Company, (Page-Burton), 815 Larrabee ..... Superior 1592

Bolsters, Railway.
liet Railway Supply Co, 40th & Princeton av ..... Drover 2415

Bolting Cloth & Grit Guaz's.
mp B F Co, 431-437 S Clinton ..... Wabash 965

Bolts, Expansion.
r Expansion Bolt Co, 120 W Lake ..... Main 2649

olts & Nuts (Mnfrs.).
tinental Bolt & Iron Wks, 2225 W 43d ..... McKinley 1701
ion Nut Co The, 332 S Michigan av.. Harrison 7181

olts, Nuts and Rivets.
rson Joseph T & Son, 16th and Rockwell and Railway Exch bldg ..... Lawndale 1

olts, Stove.
tral Screw Co, 3500 Princeton av ..... Drover 6210

ond Blanks.
Lithographing Co, 42 W 61st... Wentworth 452

onds—Real Estate.
nebaum Sons Bank & Trust Company, 1-11 S Lasalle ..... Randolph 560

ook Cover Stamps.
brecht O & Co, 542 S Dearborn ..... Harrison 3626

ook Printers.
elley R R & Sons Co, 731 Plymouth t ..... Harrison 350
See our Catalog Space, pages 947, 997.
rs & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

ookbinders.
elley R R & Sons Co, 731 Plymouth t ..... Harrison 350
See our Catalog Space, pages 947, 997.

ookbinders, Library Bookbinding.
ndt & Valters Bookbinding Co, 3827-829 Ravenswood av ..... Wellington 9931

Bookbinders Machinery.
Gane Bros & Co, 610-618 ..... Wabash 2575
Federal ..... Automatic 62-536

Bookbinders, Stampers & Badge Mfrs.
Helwig Louis, 181 W Madison ..... Main 2182

Bookbinders' Supplies.
Molloy David J Co The, 633 Plymouth ct. Harrison 358
Gane Bros & Co, 610-618 ..... Wabash 2575
Federal ..... Automatic 62-536
Slade, Hipp & Meloy Inc, 119 W Lake ..... Main 2541

Bookkeeping Machines, Rebuilt.
Rotter W A, Monadnock blk ..... Harrison 7721

Bottle Buyers & Dealers, Whol.—New & Second Hand.
Herman Fred & Sons, 1252 Augusta ..... Monroe 1292

Bottle Dealers.
South Side Milk Bottle Exchange, 3144-46 Normal av ..... Yards 5827

Bottle Packing.
Excelsior Wrapper Co, 224 W Kinzie... Franklin 2389
Sefton Manufacturing Corporation, 1300 W 35th ..... Yards 1403
See our Catalog Space, page 988.

Bottlers' Boxes.
Tegtmeyer Box & Lumber Co, 1828 S Canal. Canal 227

Bottlers' Flavors, Colors & Supplies for Soda Water.
Sethness Co, 718-724 N Curtis ..... Monroe 6780

Bottlers' Machinery and Supplies.
Arnold G J & Co, 1738-1750 N Tripp av. Belmont 5179
Klemm & Co, 1364 W Grand av ..... Monroe 3087

Bottlers' Machinery, Water Distilling Systems.
Jewell Polar Co, 24-30 S Clinton ..... Franklin 5545
See our Catalog Space, page 1022.

Boudoir Caps.
Kadet, Kruger Co, 116 S Wells ..... Franklin 4055

Bowling Alleys and Supplies, Mnfrs.
Brunswick-Balke-Collender Co The, 623-625 S Wabash av ..... Harrison 6220

Box Printing Dies, for Wood and Fibre.
Borgstrom G J, 118 S Clinton ..... Main 4731

Box Shooks.
Chicago Mill & Lumber Co, 111 W Washington ..... Franklin 4300
Rathborne, Hair & Ridgway Co, 2279 S Union av ..... Canal 975

Box Shooks Tying Machn'ry.
Gerrard Wire Tying Machines Co, (Gerrard Method), 202 S State ..... Harrison 1473

Box Strapping.
American Metal Fasteners Co, 5832 S Green ..... Normal 895
Stanley Works of Illinois, 73 E Lake.... Randolph 5267

Box Strapping, Soft Wire.
Gerrard Wire Tying Machines Co, (Gerrard Method), 202 S State ..... Harrison 1473

Box Strapping, Steel.
Acme Steel Goods Co, 2840 Archer av ..... Yards 2400

Boxes, Battery, Dash & Spark Coil (Wooden).
Churchill Cabinet Co, 2119 Churchill... Humboldt 1913

Boxes, Bottlers.
Rathborne, Hair & Ridgway Co, 2279 S Union av ..... Canal 975

Boxes, Lock Cornered.
Rathborne, Hair & Ridgway Co, 2279 S Union av ..... Canal 975

Boxes, Mnfrs.
Tegtmeyer Box & Lumber Co, 1828 S Canal. Canal 227

Boxes, Manufacturers (Wooden).
Acme Box Company, 22d & Loomis ..... Canal 424

Boxes, Mnfrs. Corrugated & Fibre.
Mid-West Box Co, 111 W Washington .... Main 4334
See our Catalog Space, page 926.

Boxes, Metal.
Baker Edw J & Co, 10 S LaSalle ..... Main 758

Boxes, New and Second-Hand. We Buy and Sell.
Friedlander Box Co, 1300-1310 W Lake. Monroe 4646

Boxes, Packing.
Rathborne, Hair & Ridgway Co, 2279 S Union av ..... Canal 975

Boxes, Special Wood for Munitions, Etc.
La Pierre Henry M Co, 1314 W 21st ..... Canal 3137
See our Catalog Space, page 1026.

Boxes, Wire Bound.
Chicago Mill & Lumber Co, 111 W Washington ..... Franklin 4300
Rathborne, Hair & Ridgway Co, 2279 S Union av ..... Canal 975

Boxes, Wooden.
Chicago Mill & Lumber Co, 111 W Washington ..... Franklin 4300

Braiding & Embroidery Beads & Beading.
Madison Embroidery Co, 5 S Wabash av.. Randolph 2835

Braids.
Barton F C, Brooks bldg, 223 W Jackson bl ..... Wabash 2741

Brake Beams, Railway.
Joliet Railway Supply Co, 40th & Princeton av ..... Drover 2415

Brake Lining.
Advance Packing & Supply Co, 11 N Franklin ..... Main 3761
Staybestos Mfg Co (S M C) (Edwin E Coith) Toughest, most durable & dependable brake lining made. All sizes up to 6" wide). Transportation bldg ..... Harrison 1476

Brake Shoes for Steam and Electric Railways.
Railway Materials Co The, Railway Exchange bldg. ..... Harrison 809

Brass Castings.
Anderson A H Foundry, 1211-13 Fulton.. Monroe 2753
Christensen Al, 1715 Carroll av ..... West 178
Empire Brass Works, 824-32 Fulton ..... Monroe 356

Brass Castings, Bronze & Aluminum Castings.
Adapt Machinery Co The, 1624-1632 S Wabash av ..... Calumet 946
Central Brass Foundry, 107 S Clinton ..... Main 3694

Brass Castings & Bronze Castings (Rough & Finished).
General Brass Foundry, 1364 W Randolph ..... Haymarket 562

CHICAGO—continued

Brass Checks & Badges.
Koch G & Co, 71 W Randolph.....Central 3655
Safford Stamp Works, 203 W Madison.....Main 2057
Time & Energy Co The, 9 S Clinton.....Main 1142

Brass & Copper.
Cleveland Brass & Copper Mills Inc The, Railway Exchange bldg.....Harrison 8840

Brass Dies.
Eckebrecht O & Co, 542 S Dearborn.....Harrison 3626

Brass Founders & Finishers.
Bastian-Blessing Co The, 125-131 W Austin av.....Franklin 1717
Chicago Faucet Co The, 2712 N Crawford av.....Belmont 785
Empire Brass Works, 824-32 Fulton.....Monroe 356
Fidelity Brass Mfg Co, 1001 W Washington bl.....Haymarket 3451
Holland Brass Works, 616 W Monroe.....Monroe 3399
Imperial Brass Mfg Co 1200 W Harrison.Haymarket 741
Pokorney B W & Co Inc, 134 S Clinton.....Main 794

Brass Founders and Finishers Residues.
Harris Benj & Co, 1359 W 21st.....Canal 1870

Brass Goods.
Dallas A C & Son Inc, 223 N Jefferson...Franklin 5320

Brass Ingots.
Harris Benj & Co, 1359 W 21st.....Canal 1870
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380

Brass & Iron Specialties.
Roth Mfg Co, 118-124 S Clinton.....Main 630

Brass Railings.
Chicago Architectural Bronze Co, 519 W Vanburen.....Wabash 5496

Brass Railings and Bronze Railings—Mnfrs.
Johnson-Meier Co, 155-157 Wendell.....Superior 5205

Brass—Sheet, Rod, Tubing and Scrap.
Cleveland Brass & Copper Mills Inc The, Railway Exchange bldg.....Harrison 8840
Metal Products Co, 100 S Jefferson..Haymarket 7166

Brass—Sheet, Rod, Wire Tube & Shapes.
Interstate Brass Co, 11-17 S Desplaines.Haymarket 1865

Brass Signs.
Klintz A & Co, 905 W Randolph.....Haymarket 1196

Brass Signs (Cast).
Imperial Brass Mfg Co, 1200 W Harrison.....Haymarket 741

Brattice Cloth.
Turner Laurin H Co, 160 W Jackson bl..Wabash 3477

Brazing Compound.
Krembs & Co (Mfrs Fluxine Brazing Compound) 173 N Green.....Monroe 61

Brick Building Movers and Raisers.
Crowe Bros, 133 W Washington.....Main 3158
Friestedt L P Co, Tribune bldg.....Randolph 296

Bridge Builders.
Continental Bridge Co, Monadnock blk..Harrison 1272
Strobel Steel Construction Co, Monadnock blk.....Harrison 393

Bridge Engineers.
Glaver Joachim G, 80 E Jackson bl.....Wabash 8727

Bridge Reamers, High Speed.
Rich Tool Co, 80 E Jackson bl.....Harrison 3537

Bridges, Steel.
American Bridge Co, 208 S LaSalle....Wabash 6262

British Gum.
Williamson Glue & Gum Works, 220-222 W Huron.....Superior 8395

Brokers.
Cahn Benj R, 38 N Lasalle.....Main 6

Brokers—Canned Foods.
Jones Warren B, 130 N Wells.....Franklin 3164

Bronze Bank Fixtures (Grilles and Wickets).
Chicago Architectural Bronze Co, 519 W VanBuren.....Wabash 5496

Bronze & Brass Work—Railings, Tablets & Statuary.
Smith F P Wire & Iron Works, 54 W Lake..Central 438

Bronze Powder—Gold, Silver and Composition Leaf.
Barrett M L & Co, 233 W Lake.....Main 11

Bronze Powder Mnfrs.
Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
Rosenbush & Solomon Inc, 23-27 S Desplaines.....Monroe 3893

Bronze Signs.
Chicago Architectural Bronze Co, 519 W VanBuren.....Wabash 5496

Bronze Signs and Letters.
Klintz A & Co, 905 W Randolph.....Haymarket 1196
Marx Zero Sign Works, 126 N Peoria..Haymarket 1197

Bronze Statuary & Tablets.
American Art Bronze Foundry, Jules Berchem, prop, 4921-27 W Lake.....Austin 356

Bronze Tablets and Bank Signs.
Chicago Architectural Bronze Co, 519 W VanBuren.....Wabash 5496
Manton & Smith Co, 1709 W Austin av.Haymarket 6145

Bronze Tablets, Ornamental Bronze and Brass.
Johnson-Meier Co, 155-157 Wendell.....Superior 5205

Bronze Work, Ornamental & Architectural.
Tyler W S Co The, McCormick bldg....Harrison 8860

Broom Corn.
Mahin Shipping & Storage Warehouse, 2201-19 Ford av.....Canal 7171

Broom Handles.
Borgeson C E, 4555 Ravenswood av..Ravenswood 9814

Broom Manufacturers.
Harris Broom Co (The), 321 E Grand av.Superior 1350
Howard Broom Co, 4444 Ravenswood av.....Ravenswood 3962

Broom Wire.
Chicago Steel & Wire Company, 103d and Torrence av.....South Chicago 2140

Brush Makers' Supplies.
Jacobi & Co, 1019 W 35th.....Drover 4368
Zeidman Hair Co, 31st and Robinson...McKinley 6192

Brushes—Air.
Wold Air Brush Mfg Co The, 716 W Madison.....Monroe 1934

Brushes & Cleaning Supp.
Wilson Ludwig Brush & Supply Co, 455 S Clark.....Harrison 6337

Brushes, Mnfrs.
Gerts Lumbard & Co, 221 W Randolph.....Main 3311
Haisler Bros Co, 740 N Franklin.....Superior 8848
Pirrung Mfg Co, 4436 Greenview av..Ravenswood 4785

Brushes (Mnfrs.) all kinds.
Empire Brush Works, 1311 N Robey....Humboldt 1624

Brushes, Rubber for all machines.
Sanitary Bottle Washing Co Ltd, 217 W Illinois.....Franklin 3832

Brushes Twisted Wire.
American Brush Corporation, 1222 W Madison.....Haymarket 3810
Sanford Brush Co, 544 W Lake.....Franklin 3796

Buckets, Clamshell.
Brown Hoisting Machinery Co The, (J P Case), 208 S Lasalle.....Wabash 5963

Buffing & Polishing Machines.
Partridge E O, 2039-2049 W Lake.....West 2039

Builders' Supplies.
Cornell Wood Products Co, 175 W Jackson bl.....Harrison 2634

Building Alterations, Gen'l.
Hendry Alexander, 320 W Grand av.....Superior 2125

Building Papers, Quilts & Felts.
Union Insulating Co, 20 W Jackson bl..Harrison 1848

Building Raisers & Movers.
Crowe Bros, 133 W Washington.....Main 3158
Friestedt L P Co, Tribune bldg.....Randolph 296

Building Reports.
American Contractor The, 6 N Michigan av.Central 3874
Dodge F W Co, Monadnock blk.....Harrison 6775

Building Trimmings (Ornamental Concrete).
Schmidt Alvin A, 4447-4453 Ravenswood av.....Ravenswd 3134

Bulletin Boards (Changeable).
Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

Burglar Alarm Systems.
Protective Alliance The, 76 W Monroe..Randolph 7930

Burial Vaults.
Chicago Cement Burial Vault & Casket Co, 5301 Ravenswood av.....Ravenswood 314

Burlap Importers.
Central Bag Mfg Co, 3622-30 Iron.....Yards 7420

Burners (Oil & Gas).
American Shop Equipment Co, 332 S Michigan av.....Harrison 541

Burrs & Washers, Mnfrs., Small Sizes.
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Bushings (Graphite, Bronze & Steel).
National Equipment Co, 125-127 S Racine av.....Monroe 4036

Bushings, Porcelain.
Harter Mfg Co, 522 S Clinton.....Harrison 2436

Business Counselors.
Rankin Wm H Company, 104 S Michigan av.....Randolph 6600
Woodwards Incorporated, 910 S Michigan av.....Harrison 6763

Business Training.
Alexander Hamilton Institute, Transportation bldg, 608 S Dearborn.....Harrison 8207
See our Catalog Space, page 927.

Butchers' Supplies.
Bromann Bros, Fulton & Peoria sts.....Monroe 4082
Oppenheimer S & Co, 2700 S Wabash av..Calumet 5444

Butter, Cheese & Eggs.
Merrill & Eldredge, 160 N Market.....Franklin 5334

Button Machines, Dies and Parts.
Illinois Modern Button & Machine Co, 2407 W Ohio .....Seeley 442
Independent Button & Machine Co, 1808 Irving Pk blvd.....Graceland 7180
Maxant Button & Supply Co, 118-124 S Clinton .....Main 4037

Buttons, Advertising.
American Badge Co, 141-143 W Austin av.Franklin 330
Geraghty & Company, 3035-37 W Lake....Kedzie 401

Buttons, Advertising, Celluloid.
Carroll J B Company, cor Carroll & Albany.Kedzie 496

Buttons (Mnfrs.) Cloth Covered Upholstery & Ivory.
ndependent Button & Machine Co, 1808 Irving Pk blvd.....Graceland 7180

Buttons, Mnfrs. of Pearl.
'opp James & Co, 401 S Clinton.....Wabash 5429

Cabinet Makers.
hurchill Cabinet Co, 2119 Churchill...Humboldt 1913
rampton Manufacturing Co, 1518 E 53d..Midway 784

Cabinet Makers, Anything in Woodwork.
ter-Ocean Cabinet Co, 322-326 S Paulina.West 3319

Cabinet Makers, Furniture Reproductions, Etc.
Pierre Henry M Co, 1314 W 21st....Canal 3137
See our Catalog Space, page 1026

Cabinet Special Work.
tistic Grille Works, 3808 Normal av.....Yards 356
urchill Cabinet Co, 2119 Churchill..Humboldt 1913
rentine Special Furniture Co, 227-233 W Huron .....Superior 7062
hick Johnson Company, 1737-45 N Paulina .....Haymarket 3957
weizer & West Mfg Co, 310-322 N Ada .....Monroe 1839

ableway Excavators.
erman Bros, Monadnock bldg.....Harrison 4029

alculating Machines.
nroe Calculating Machine Co, 330 W Monroe .....Franklin 843
See our Catalog Space, page 905

alculating Machines, Rebuilt.
ter W A, Monadnock blk.....Harrison 7721

alendar Mfrs. Commercial Daily, Weekly & Monthly).
dwin J W Co, 2949-53 Vanburen.....Garfield 1702

alendar Pads.
Lithographing Co, 42 W 61st....Wentworth 452

alendars.
mercial Art Engraving Co, 440 S Dearborn .....{Harrison 4124 {Automatic 61-920

alking.
mee Calking Co, 180 N Dearborn.....Central 1802

am Cutting.
ngton F B Co, 112-114 S Sangamon.Haymarket 681

meras & Kodaks Sold or Exchanged.
ral Camera Co (Send for our Catalog) 24 S Wabash av.....Central 5963

Can Making Machinery.
McDonald Machine Co, 3207 Shields av...Drover 5224
Stecher Charles Co The, 1574-1580 Crossing .....Monroe 4886
Wold Torris & Co, 240 N Ashland av.....West 551

Cancelling Machines and Perforators.
Cummins B F Co The, 4740 Ravenswood av .....Edgewater 2580

Candy Seals, Plain and Embossed.
Willson H H Co, 501 S Dearborn.....Harrison 2129

Canned Foods.
Paver J M Co The, 130 N Wells.....Main 946

Cans.
American Can Co, Monroe bldg.....Randolph 2191

Cans—Approved Safety and Oily Waste.
Justrite Manufacturing Co, 2062 Southport av .....Diversey 2114
Non Explosive Can & Tube Co, 127 S Green .....Monroe 1059

Cans, Cone Top, Metal Polish
Giles J S & Sons, 2428 W 16th.....Canal 1704

Cans, Oily Waste and Safety.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Cans, Paper.
Ritchie W C & Company, 412 S Green.Haymarket 4102
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Cans, Paper or Fibre.
Ritchie, W C & Co, 412 S Green Haymarket 4102
See our Catalog Space, page 987.

Cap Screws.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Caps (Metal, for Glass Jars and Tumblers).
Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

Caps—Uniform.
Goebel G A, 18 S Wells.....Main 2586

Caps and Uniforms.
Gleason T C & Co, 173 W Madison.....Main 60

Car Tanks.
Hamler Boiler & Tank Co, 3906 S Halsted..Yards 947

Carbonated Beverages.
Manitou Mineral Water Company The (B G Earl, Rep) 36 S State.....Central 8750
See our Adv., on Backbone and Catalog Space, page 980

Carbonated Water.
Manitou Mineral Water Company The, (B G Earl Rep) 36 S State.....Central 8750
See our Adv., on Backbone and Catalog Space, page 980

Carbonizing, Steel Treatment, Consultation.
Snow Fred A Co, 1942 W Kinzie.....Seeley 1973

Carburetors.
Findeisen & Kropf Mfg Co (Rayfield Carburetor) 21st & Rockwell.....Lawndale 3561
National Equipment Co, 125-127 S Racine av.....Monroe 4036

Card Devices—Hinged.
Meilicke Calculator Co, 350 N Clark....Franklin 995

Cardboards.
Megargee-Hare Paper Co, 327 S La Salle .....Harrison 2660
See our Catalog Space, page 991
Moser Paper Co, 621-631 Plymouth ct...Wabash 2718

Carnival Supplies.
Evans H C & Co, 1528 W Adams.....Haymarket 7630

Carpenters & Builders.
Hendry Alexander, 320 W Grand av...Superior 2125

Carpet Cleaners.
American Pneumatic Carpet Cleaning Co, 1035 W Lake.....Monroe 1495

Carpets.
Richardson O W & Co, Wabash av and Congress .....Harrison 6931

Carpets and Rugs (Wholesale).
American Rug & Carpet Co, 910 S Michigan av .....Harrison 4338

Carriage Bolts.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Carriage Trimmings.
Hoof Bros Co, 232 W Randolph.....Franklin 4748

Cars, Industrial.
Easton Car & Construction Co, McCormick bldg .....Harrison 374

Cars—Railway (Freight, Passenger, Etc.)
American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

Carton Filling and Closing Machines.
Redington F B Co, 112-114 S Sangamon .....Haymarket 681

Cartons.
Chicago Label & Box Co The, 312-28 N May .....Monroe 5094

Cartons, Folding Paper.
Chicago Carton Co, 4433 Ogden av...Lawndale 906
See our Catalog Space, page 989

Carvers, High Grade Wood Carvings.
Kopriwa E Co, 2220 Ward.....Lincoln 2726

Carvers Wood.
La Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Case Hardening Boxes.
Bell & Gossett Co, 611 W 30th.....Boulevard 2067

Case Hardening and Carbonizing.
Myall-Wallace Co, 17 E Austin av.....Randoph 6567

Case Hardening Materials.
Bell & Gossett Co, 611 W 30th.....Boulevard 2067
Blaich Alfred O Co, 1954-1964 Clybourn.Lincoln 194
Ele-Kem Co, 1508-1516 Clybourn av..Diversey 4410
See our Catalog Space, page 930

Case Hardening, Steel Treatment & Carbonizing.
Snow Fred A Co, 1942 W Kinzie.....Seeley 1973

Casement Window Hardware.
Casement Hardware Co The, 9 S Clinton.Franklin 2790
Payson Mfg Co The, 2920 W Jackson bl..Kedzie 988

Cases, Toilet Sets and Silverware.
Smith L W Paper Box Co, 320-328 N May.Monroe 4261

Cash Carriers.
Universal Tube Co, 145 W Ohio.....Superior 1750

Cash and Package Carriers.
Baldwin James I. Carrier Co, 12 N Market..Main 1621

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Cash Registers Bought, Sold or Exchanged.
Thomas A J Cash Register Exchange, 220 W Randolph ..... Franklin 4454

Cash Registers and Scales—New or Used.
Reliable Store Fixture Co Inc, 448-450 N Wells ..... Franklin 3380

Casino Games.
Evans H C & Co, 1528 W Adams..... Haymarket 7630

Casket Lowering Devices.
Frigid Fluid Co, 215-217 S Western av..... West 937

Cast Iron Pipe.
Central Foundry Co The, 332 S Michigan av ..... Harrison 2181
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Cast Iron Pulleys.
Schultz A L & Son, 1677 Elston av..... Monroe 1629

Casters, Double Wheel & Single Wheel.
Payson Mfg Co The, 2920 W Jackson bl. Kedzie 988

Casters for Every Purpose.
Payson Mfg Co The, 2920 W Jackson bl.. Kedzie 988

Castings—Acid Resisting & Grey Iron.
United States Cast Iron Pipe & Foundry Co, 122 S Michigan bl..... Harrison 6863

Castings—Chemical.
Brady James A Foundry Co, 45th & Western bl ..... McKinley 3080

Castings—Chrome, Nickel & Semi Steel.
Kedzie Foundry Co, 3234 W 31st..... Lawndale 1506

Castings—Gray Iron.
Central Foundry Co The, 332 S Michigan av ..... Harrison 2181
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National Sewing Machine Co, 320 W Madison ..... Franklin 4420

Castings, Gray Iron & Brass.
Wood John Mfg Co, 321 E Grand av..... Superior 4111

Castings—Iron (Grey, Malleable).
American Car & Foundry Co, Railway Exch bldg ..... Harrison 8300

Castings—Machinery.
Brady James A Foundry Co, 45th & Western bl ..... McKinley 3080

Castings—Malleable Iron.
Chicago Malleable Castings Co, 120th & S Racine av..... Pullman 355
Chisholm Moore Mfg Co, Peoples Gas bldg ..... Harrison 5506

Castings—Steel.
Electric Steel Company, 3100 S Wood.. McKinley 5410
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Catalog Makers.
Cahill Igoe Co, 117 W Harrison..... Wabash 2141
Hawtin Engraving Co The, 19 S Wells.... Main 4103
Osgood Co, 430 S Market..... Wabash 2358

Catalogue Printers.
Rogers & Hall Co, 120 Polk..... Wabash 3381
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Caterers.
Angela & Co, 220 E 22d..... Calumet 414
Gaper John B, 1112 N Clark..... Superior 254

Celluloid Advertising Buttons and Specialties.
American Badge Co, 141-143 W Austin av. Franklin 330

Celluloid Advertising Novelties, Machinery & Supplies.
Parisian Novelty Co, 22d and Lasalle.... Calumet 3706
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Celluloid Advertising Specialties.
Carroll J B Company, cor Carroll & Albany. Kedzie 496

Celluloid Advertising Specialties—Mnfrs.
Felsenthal G & Sons, 442-448 N Wells.. Franklin 4424

Cement—Colored Portland Guaranteed Non-Fading.
de Smet Quartz Tile Co, Chamber of Commerce ..... Main 1065

Cement—Floor Hardener.
Biegler E N Inc, 2730 N Rockwell..... Humboldt 135

Cement—Floor Hardening, Concrete Waterproofing.
Vitrifyx Co The, Chamber of Commerce.... Main 1065

Cement Mnfrs.
Lehigh Portland Cement Co, Conway bldg. Main 1322

Centre Plates, Railway.
Joliet Railway Supply Co, 40th & Princeton av ..... Drover 2415

Cereals.
Quaker Oats Company The, Railway Exchange ..... Harrison 2271

Chain Belting.
Jones W A Foundry & Machine Co, 4403 W 12th ..... Lawndale 5040

Chain Grates.
Green Engineering Co, 14 E Jackson bl... Harrison 1743

Chain—Ice and Conveyor—Lock Nut & Washer Mnfrs.
Barber & Company, 2814 S Wabash av.. Calumet 708

Chain, Malleable & Coil.
Spear William H Company, First Nat Bank bldg ..... Central 778

Chain Mfrs.
Jeffrey Mfg Co The, 332 S Michigan av.. Harrison 8008

Chains Silent
Morse Chain Co, Merchants Loan & Trust bldg ..... Central 6555

Chair Mfrs.
Johnson Chair Co, 4401 W North av.... Belmont 264
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Change Carriers (Conductors).
McGill Ticket Punch Co, 542 W Harrison. Wabash 3575

Charcoal.
Covey-Durham Coal Co, 431 S Dearborn. Harrison 3047
Three Products Company, 328 W 37th.... Drover 2884

Charcoal Iron Boiler Tubes.
Parkesburg Iron Co The, 348 S Dearborn. Harrison 3452

Check Protectors.
Hedman Mfg Co, 228-238 W Erie..... Superior 8950

Cheese Wholesale.
Neenah Cheese & Cold Storage Co, 125 W South Water ..... Main 5070

Chemical Apparatus, Driers, Digesters, Agitators, etc.
Wood John Mfg Co, 321 E Grand av.... Superior 4111

Chemical Castings.
Ferguson & Lange Foundry Co, Clybourn av and Willow..... Lincoln 74

Chemical Machinery.
Swenson Evaporator Co, Monadnock blk. Harrison 1252

Chemicals.
Ele-Kem Co, 1508-1516 Clybourn av... Diversey 4410
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Fuller-Morrisson Co, 540 W Randolph.... Franklin 1929
Greer Chemical Co The, Great Northern bldg ..... Harrison 6970
Harrison Works (owned & operated by E I du Pont de Nemours & Co) 2001 Mendell. Monroe 3286
Katzenbach & Bullock Co, Railway Exchange bldg ..... Harrison 2057
Parsell C C & Co, 608 S Dearborn.... Harrison 3755

Chemicals—Caustic Soda and Soda Ash, Etc.
Adams Fred C Co The, 234 S Lasalle.... Wabash 6829

Chemicals—Potash & Soda
Metal Products Co, 100 S Jefferson.... Haymarket 7166

Chemicals, Specialties.
Armiger Chemical Co (Rex Brand), 2155-57 W Austin av..... Seeley 3190

Chemists, Analytical.
Illinois Chemical Laboratory The, 440 S Dearborn ..... Harrison 5363

Chemists Analytical and Consulting.
Deavitt H M, 209 S Lasalle..... Wabash 7505
Flood Walter H, 3725 Langley av..... Douglas 2045

Chemists, Manufacturing.
Bierstedt Suppository Co, 4545 Vincennes av ..... Drexel 3003
Boyer Chemical Laboratory Co (The) 18 E Kinzie ..... Randolph 3808

Chemists and Perfumers, Manufacturing.
Abonita Co Inc, 134 S Clinton..... Franklin 2840

Chemists Supplies.
Daigger A & Co, 54 W Kinzie..... Central 6032
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Chemists—Urine Analysis.
National Bureau of Analysis, Republic bldg ..... Harrison 2500

Chewing Gum.
American Pine Apple Products Co, 412-420 Orleans ..... Franklin 586
Blue Ribbon Gum Co, 903 Wrightwood av. Lincoln 278
Keeney & Sons Co, 2901-3-5 Indiana av.. Calumet 44
Reedy R E Gum Co, 223-225 W Erie..... Superior 745

Children's Play Aprons.
Solvos Co The, 4216 Calumet av..... Drexel 61
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Children's Wear, Manufacturer.
Estelle Manufacturing Co, 25-27 S Market... Main 295

Chilled Iron Castings.
Ferguson & Lange Foundry Co, Clybourn av and Willow ..... Lincoln

Chimney Architects.
Hillesheim Fred Chimney Construction Co, 434 Belden av..... Diversey 27

Chimney Banding & Repairing.
Arrow Conductor & Mfg Co, 1536 W Adams ..... Monroe 30

Chimney Builders.
General Concrete Construction Co, 431 S Dearborn ..... Harrison 7214
Heine Chimney Co The, 123 W Madison. Randolph 2747
Hillesheim Fred Chimney Construction Co, 434 Belden av..... Diversey 2721

Chimney Builders, Concrete Reinforced.
Weber Chimney Co The, 332 S Michigan av ..... Harrison 5515

Chimney Builders, Radial Brick & Concrete.
Rust Engineering Co The, 39 S LaSalle. Majestic 7415

China, Bronzes, Marble, Ivory—Repaired.
Boetter Jean, 1931 S Wabash av..... Calumet 478

China (for Decorating).
Abbott A H & Co, (Retail Store 19 N Wabash av) 208 S Wabash av..... Harrison 8870

Chiropodists.
Jordan Don E Alfonso, 115 S Dearborn.. Central 337

Chiropractic Physicians.
Dale Walter J Dr, 17 N State..... Central 3350
res 6285 Woodlawn av..... Midway 6462
Seubold F H, 17 N State..... Central 1722
Smith Chas E, Chiropractor, Naprapath, Osteopath, 17 N State..... Central 3350

Chiropractic Schools.
National School of Chiropractic, 421-27 S Ashland bl..... Monroe 3222

Chisels—Cold and Cape.
Star Expansion Bolt Co, 120 W Lake..... Main 2649

Chisels—Cold, Cape, Round Nose, Dia. Pt. & Brick.
Duffy Mfg Co, 214-16 W Grand av..... Superior 3674

Chlorine Products.
Innis Speiden & Co, 120 W Kinzie..... Franklin 1852

Chucks, Quick Change, Drill Tap, Etc.
Modern Tool Co (R H Wood Mgr) 32 N Clinton..... Main 2342

Church Furniture.
Daprato Statuary Co, 762-770 W Adams... Monroe 1775

Church and Memorial Windows.
Schuler Art Glass Co, 617-631 W Jackson blvd ..... Haymarket 3672
Schuler-Mueller Co, 314-322 W Superior.. Superior 5649

Cigar Box Mnfrs.
Chicago Box Co, 214 W Ontario..... Superior 699
Kresl Charles Inc, 1313 Fulton..... Monroe 1626
Merz G & Son, 112-118 W Superior..... Superior 112

Cigar Store Fixtures, Designers & Mnfrs.
Inter-Ocean Cabinet Co, 322-326 S Paulina. West 3319

Cigar Store Fixtures, Mfrs.
Chicago Store & Office Fixture Co, 818-20 S Clinton ..... Harrison 7308

Cigar, Tobacco and Radiator Moisteners.
Acme Moistener & Mfg Co, 426 W 63d. Wentworth 5130

Circular Folding.
Jickard Circular Folding Co (Not Inc), 732 Federal ..... Wabash 5255

Circular Letters.
Imitation Typewriting & Addressing Co, 71 W Randolph ..... Central 3333
Jon Weller-Lyon Company The, 180 N Market ..... Franklin 324

Civil Engineers (Drainage & Municipal).
Rossiter Edgar A, Reaper blk..... Central 1824

Clam Shell Buckets
Shaw Willis, 80 E Jackson blvd..... Harrison 22

Clamps.
Adjustable Clamp Co (Jorgersen Peerless Adjustable Hand Clamps), 216 N Jefferson. Monroe 640
Brownie Mfg Co ("Brownie Clamps") 548 W Lake..... Franklin 1282

Class Pins, Medals, Jewelry, etc.
Hadovec E T & Co, 37 S Wabash av.. Randolph 1841

Cleaners and Dyers.
Kenwood Cleaning Works, 740 W 47th.... Yards 1770

Cleaning Specialties, Efficiency Service Free.
Ford, J B Co The, 155 N Clark..... Central 6986

Clipping Machines for Domestic Animals.
Chicago Flexible Shaft Co, 5600 W 12th.. Austin 1900

Clock Repairing.
Jansen F W Clock Co, 215 W Randolph.. Franklin 314

Clocks.
Howard W Clock Co The, 31 N State.... Central 6951

Clocks, Chime (Hall & Mantel Chime Clocks).
Kuehl Clock Co, 125 N Wabash av..... Central 6914

Clocks, Mnfrs., Electric. Alarm.
Jansen F W Clock Co, 215 W Randolph.. Franklin 314

Clocks, Mnfrs., Electric Self-Winding.
Sohm Electric Co, 141 W Austin av..... Franklin 4357

Clocks Mnfrs., Self Winding.
American Self-Winding Clock Co, 133 W Washington..... Franklin 2485

Clocks, Watchman's.
Chicago Watchman's Clock Works, 56 E Randolph ..... Central 1720
Hardinge Bros Inc, 1765 Berteau av.... Lake View 371

Clothes Dryers (of all kinds).
Chicago Dryer Company, 624-630 S Wabash av ..... Harrison 5774

Club Furniture.
Evans H C & Co, 1528 W Adams..... Haymarket 7630

Club Pins and Emblems, Gold & Silver Plated.
Winship Chas A & Co, Masonic Temple.. Central 1380

Clutch Pulleys.
Moore-Master Mfg Co, 320 W Grand av. Superior 6594

Clutches.
Jones W A Foundry & Machine Co, 4403 W 12th ..... Lawndale 5040

Coal.
Addy Matthew Co The, The Rookery.. Harrison 2972

Coal (Wholesale).
Bickett Coal & Coke Co, 332 S Michigan av ..... Harrison 5187

Coal Analysis.
Flood Walter H, 3725 Langley av..... Douglas 2045

Coal & Ash Handling Equipment.
Olson Samuel & Co, 2418-22 Bloomingdale av ..... Armitage 780

Coal Bags, Mnfrs.
Iden Wm A Co, 564 Washington bl..... Main 1586

Coal Handling Machinery.
Brown Hoisting Machinery Co The (J. P Case), 208 S Lasalle..... Wabash 5963

Coal Mining Machines.
Goodman Mfg Co, 4834 S Halsted..... Yards 1774
Jeffrey Mfg Co The, 332 S Michigan av. Harrison 8008

Coal Pulverizers & Burners.
Stroud E H & Co, 928-34 Fullerton av... Diversey 4517

Coal Tar.
American Tar Products Company, 208 S LaSalle ..... Wabash 6396

Coal Mfrs. of Wash Matrls. for Dentists, Druggists, etc.
Friedlander D & Co, 920 W Randolph... Monroe 538

Coffee.
Peck C E, 482 Plymouth ct..... Harrison 650

Coffee (Wholesale).
Hathaway Geo H & Co (Restaurants and Hotels Supplied), 358 River..... Central 3243

Coffee Merchants & Handlers for Outsiders.
Richheimer Coffee Co, 62-64 E South Water ..... Randolph 5011

Coffee Mills, Hand & Electric.
Flesch J A & Son, 700-704 W Division.. Diversey 2685

Coffee, Tea and Spices. Wholesalers and Importers.
Sokol & Company, 60 E South Water... Randolph 5351

Coffee Urns Dishwashing Machines & Kitchen Machines.
Cross-Wells Co The, 17-19 S Wabash av Randolph 6188

Coin Operated Machines.
Mills Novelty Co, Jackson and Green..... Monroe 2017
Watling Mfg Co, 1029-1035 W Adams.... Monroe 465

Coins and Postage Stamps.
Leon Theophile E, 143 N Dearborn..... Central 4008

Coke.
Addy Matthew Co The, The Rookery.. Harrison 2972

Cold Storage.
North American Cold Storage Co, 345-359 N Canal..... Main 2768
Western Cold Storage Co, 421 N State.... Central 753

Cold Storage Insulation.
Union Insulating Co, 20 W Jackson bl... Harrison 1848

Collars, Cleanable.
Arlington Company, 14 N Franklin..... Main 1932

Collecting Agencies.
Business Protective Association (Live Wire Collection Service), 39 S LaSalle... Randolph 1115
Englewood Law & Collection Agency, 6221 S Halsted..... Wentworth 215
Inter-State Adjustment Co, 180 N Dearborn ..... Central 230
Mack Conie W & Co, 10 S Lasalle..... Franklin 1448
Maddock & Jaffe (Lawyers, Special Dept for Collections), 39 S LaSalle..... Randolph 1048

Collecting Agencies and Mercantile Adjustments.
Kemble & Mills, Fisher bldg..... Harrison 2045
Wilson-Buckley Adjustment Co., 6 N Clark ..... Franklin 4044

CHICAGO—continued

College Pins, Rings, Medals.
Winship Chas A & Co, Masonic Temple..Central 1380

Color Cards for Paint Makers.
Morrison Chas C & Co, 15-17 S Clinton..Franklin 3747

Color Hoods and Caps for Electric Lamps.
Reynolds Electric Flasher Mfg Co, 422 S Talman av.....West 35

Color Manufacturers.
Harrison Works (owned & operated by E I Du Pont de Nemours & Co), 2001 Mendell.Monroe 3286

Color Plates.
Hawtin Engraving Co The, 19 S Wells....Main 4103

Columns: Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 122 S Michigan bl.....Harrison 6863

Comb Manufacturers.
Vulcanized Rubber Co The, 209 S State..Harrison 1271

Combustion Testing Apparatus.
Combustion Appliances Co, 7101 N Clark .....Rogers Park 570

Commercial Photographers.
American Photographic Co, 22 E 8th.....Wabash 4962
Commercial Photographic Co, 538 S Clark .....Harrison 4211
Hallenbeck Frank M, 440 S Dearborn....Harrison 7002
Solomon Chas H, 1553 W Madison....Haymarket 529
Stadler Photographing Co, 1322 S Wabash av .....Calumet 4390
Webster Bros, 53 W Jackson bl.....Harrison 3709

Commercial Printers.
Hedstrom & Barry Co, 618-620 Sherman.Harrison 6140

Concrete Anchors.
Richmond Screw Anchor Co (Sellar Supply Co) 557-559 W Quincy.....Main 577

Concrete Block Machinery.
Sellar Supply Co, 557-559 W Quincy.....Main 577

Concrete Construction.
Raymond Concrete Pile Co, 111 W Monroe.Central 3012

Concrete Form Ties for Concrete.
Richmond Screw Anchor Co (Sellar Supply Co) (Tyscru), 557-559 W Quincy.....Main 577

Concrete Inserts.
Dean Olney J & Co, 19 S La Salle.....Central 3462

Concrete Mixers.
Archer Iron Works, Western av & 34th pl...Yards 212
Austin F C Co Inc, 80 E Jackson bl...Harrison 4668
Chain Belt Company (W B Louer Co, Agts) 415 S Dearborn.....Harrison 7366
Cropp A J & Co, 1721 W Grand av.....Monroe 2799
Koehring Machine Company (G E Hillsman, Dist Mngr), Peoples Gas bldg.....Harrison 5183
Lansing-Company, 160 W Lake.....Main 3758
Sellar Supply Co, 557-559 W Quincy.....Main 577

Concrete Piles.
MacArthur Concrete Pile & Foundation Company, Peoples Gas bldg, 122 S Michigan av.Harrison 156
Raymond Concrete Pile Co, 111 W Monroe .....Central 3012

Concrete Re-inforcement.
North Western Expanded Metal Co, Old Colony bldg .....Harrison 1701

Concrete Re-Inforcing Bars & Mesh.
American System of Reinforcing, 10 S Lasalle.Main 5195
Corrugated Bar Co, 20 W Jackson bl....Harrison 3724
Dean Olney J & Co, 19 S La Salle.....Central 3462

Condensers.
Baragwanath Wm & Son, Monadnock blk.Harrison 5744

Confectioners' Fruits, Flavors, Colors, Materials.
Sethness Company, 718-724 N Curtis....Monroe 6780

Confectioners' Machinery.
Savage Bros Co, 321-323 W Austin av.....Main 1090

Confectioners Mfg.
Beich Paul F Co, 126-128 S Green...Haymarket 6437
Bunte Brothers, 720-738 W Monroe....Haymarket 906
Central Candy Co, 504-10 S Desplaines.Haymarket 5500
Elmer Candy Co Inc (A M Boex Rep) Mnfrs High Grade Chocolate Package Goods, 88 E Randolph .....Central 517
Reed Eugene O Co, 2956 N Leavitt....Lake View 50
Rueckheim Bros & Eckstein Inc (Cracker Jack, Angelus Marshmallow, Pop Corn), Harrison & Peoria .....Haymarket 660

Confectioners Raw Materials
Barrett M L & Co, 233 W Lake.....Main 11

Consolidated Car Forwarding.
Gallagher & Ascher, 112 W Adams.....Randolph 1466

Consulting Engineers.
Atkins Charles G, Monadnock blk....Harrison 2135
Pearson John W Co, 839-41 W Lake.....Monroe 5838

Containers, Corrugated & Fibre.
Chicago Mill & Lumber Co, 111 W Washington .....Franklin 4300

Contracting Engineers.
Beaver Electric Construction Co, 80 N Lasalle.Main 1115

Contractors.
Schmidt Bros Construction Co, 74 W Washington ..... Randolph 2024

Contractors (General).
Leonard Construction Co, 332 S Michigan av .....Harrison 4465

Contractors Equipment.
Chicago Rail & Equipment Co, 3649 S Rockwell .....Yards 6001
Shaw, Willis, 80 E Jackson bl.....Harrison 22

Contractors Equipment & Machinery.
Louer W B Company, Old Colony bldg.Harrison 7366

Contractors Machinery.
Marsh George C & Co, 37 W Vanburen..Harrison 5799
Moore Bros, 39 S Lasalle.....Majestic 7396

Contractors Machinery and Equipment.
Sellar Supply Co, 557-559 W Quincy.....Main 577
Wilson Machinery Co, 331 W 35th.....Yards 354

Contractors Plant & Equipment.
Marsh-Bothe Machinery Co, 37 W Van Buren .....Harrison 2746

Contractors' Supplies.
Crerar Adams & Co, 239-259 E Erie.....Superior 6481

Contractors Supplies and Heavy Hardware.
Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

Contractors Tools—Bull Pts. Bars, Brick Hammers.
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

Convention Reporters.
Devlin & Roberts, Conway bldg.....Randolph 4846
Gurtler Frederick H, 69 W Washington....Central 1638
Walsh Edward J, Conway bldg.....Franklin 2188

Conveying, Elevating & Power Transmission Machinery.
Jeffrey Mfg Co The, 332 S Michigan av.Harrison 8008

Conveying Machinery.
Corns Conveyor Belt Co, 53 W Jackson.Harrison 7270
Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200

Conveyors (Gravity Ball-Bearings).
Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

Conveyors, Gravity, Package, Belt, Power, Elevators.
Chicago Conveyor Co, 615-17 Root.....Drover 596

Conveyors Merchandise Packages & Newspapers.
Olson Samuel & Co, 2418-22 Bloomingdale av .....Armitage 780

Conveyors, Portable, for Sand, Coal, Clay, Sacks.
Morehouse A H, 610 S Dearborn.....Harrison 401

Cooking Utensils, Aluminum and Enameled Ware.
Great Northern Mfg Co, 215 W Randolph.Franklin 5436

Cooperage Supplies and Machinery.
Henning E Inc, 39 S Lasalle.....Randolph 5732

Coopers and Cooperage.
Acme Barrel Co, 2235-2239 W Grand av...Seeley 3168
Burkhartsmeier Bros, 169-183 N Peoria..Monroe 608
Eiszner John Co, 1050 W Kinzie.....Monroe 733
Gerold Frank Co The, 453-59 N Green....Monroe 1062
Kirk Joseph H Co Inc, 3101 to 3123 Emerald av and 703 to 743 W 31st...Yards 1218
McArdle & Co Inc, 38th pl and Gage.....Yards 764

Coopers & Cooperage Stock.
Ritzwoller M H Co The, 2119 W 48th....Yards 228

Coopers, Tools, Flagging Irons Chime Mauls, Calking Chisels.
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

Copper.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) Monadnock blk...Harrison 6628
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Copper Bearing Material.
Loraine Smelting & Refining Co, 25 N Dearborn ..... Central 466

Copper in Rolls and Sheets.
Cleveland Brass & Copper Mills Inc The, Railway Exchange bldg.....Harrison 884
Dallas A C & Son Inc, 223 N Jefferson..Franklin 532

Copper—Sheet Rod, Wire, Ingot & Scrap.
Metal Products Co, 100 S Jefferson....Haymarket 716

Copper—Sheet, Rod, Wire, Tube & Soldering Irons.
Interstate Brass Co, 11-17 S Desplaines.Haymarket 1865

Coppersmiths.
Atlas Copper & Brass Mfg Co, 2734-2738 High ....Lincoln 4017
Chicago Copper & Iron Works, 1222 Belmont av ....Graceland 9283
Savage Bros Co, 321-323 W Austin av.....Main 1090

Coppersmiths—General.
Trenkhorst Frank Mfg Co, 902 Larrabee.Superior 371

Coppersmiths & Machine Works.
Holmberg Chas & Co, 1439 W Austin av..Monroe 3603

Copperweld,Copperclad Wire
Page Steel & Wire Company, 129 S Jefferson ....Franklin 4280

Copying Machines.
Dick A B Company, 730-744 W Jackson bl.Monroe 757

Cordage.
Curtis & Co Mnfg Co, 215 N Desplaines...Monroe 3441
Schermerhorn Bros Co, 5 N La Salle.....Main 4460

Cordage and Twines.
Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

Cork Insulation.
Union Insulating Co, 20 W Jackson bl...Harrison 1848

Corks.
Chicago Cork Works Co, 630 S Wabash av ....Harrison 408

Corn & Cereal Mill Machinery for all Purposes.
Noth, George J, 9 S Clinton.....Franklin 3949

Corporation Record Books.
Joes Lithographing Co, 42 W 61st....Wentworth 452

Corrugated Fasteners, Steel.
Acme Steel Goods Co, 2840 Archer av.....Yards 2400

Corrugated Fibreboard Shipping Boxes.
Sefton Manufacturing Corporation, 1300 W 35th ....Yards 1403
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Corrugated, Galvanized & Black Sheet Iron.
Schmidt Samuel, 158-160 N Desplaines.Haymarket 71

Corrugated Paper.
Mid-West Box Co, 111 W Washington....Main 4334
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Corrugated Shipping Cases.
Mid-West Box Co, 111 W Washington....Main 4334
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Corset Materials.
Barton F C, Brooks bldg, 223 W Jackson bl ....Wabash 2741

Cost Finding Systems.
Keeter & Niquette, 30 N La Salle.....Franklin 4344
Thompson Wm W & Co, 30 N La Salle..Franklin 1013

Costumers.
Chicago Costume Works, 143 N Dearborn.Central 6292
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New York Costume Co (Designers, Manufacturers and Renters), 137 N Wabash av ....Central 1801
Schoultz Fritz & Co, 58 W Lake.....Majestic 7733

Cotton Bags, New and Used.
Crome Trading Co, 1351 S State.....Calumet 1152

Cotton Duck & Awning Stripes.
Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

Cotton Fabrics.
Schermerhorn Bros Co, 5 N La Salle.....Main 4460

Cotton Goods, Commission Merchants.
Cassard Miron S & Co (Daniel Levy) 237 S Wells....Wabash 3094

Counter Brackets—Plate Glass Protection for Stores.
Woodworkers' Hardware Mfg Co, 1638 Clybourn av ....Diversey 2473

Counter Protection Brackets.
Store Equipment Co, 1338 W Randolph..Monroe 14

Counter Shafts.
Partridge E O, 2039-2049 W Lake.....West 2039

Counter Shafts (Small).
Birkle Machine Works, 128 S Clinton....Franklin 4570

Counting Machines.
Redington F B Co, 112-114 S Sangamon ....Haymarket 681

Counting Scales.
National Scales Co, Kimball Hall .....Harrison 3779

Coupon Books.
Rand McNally & Co, 538 S Clark.....Wabash 363
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Court Reporters.
Devlin & Roberts, Conway bldg.....Randolph 4846
Gurtler Frederick H, 69 W Washington...Central 1638
Walsh Edward J, Conway bldg.....Franklin 2188

Court Reporters, Depositions.
Rankin Alice M, First Natl Bank bldg..Central 5908

Cranes.
Brown Hoisting Machinery Co The (J P Case), 208 S Lasalle.....Wabash 5963
Euclid Crane & Hoist Co The (A Ryder Dyer, Agt) McCormick bldg.....Harrison 6545
Northern Engineering Works (Abell-Howe Co), 565 W Washington bl.....Main 1105
Whiting Foundry Equipment Co, Pullman 330
Harvey, Ill P O.....Harvey 2

Cranes (Electric).
Shepard Electric Crane & Hoist Co, Peoples Gas bldg.....Harrison 4805
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Cranes & Hoists Mnfrs.
Wright David A, 568 W Washington bl..Franklin 5899

Cranes, New & Used.
Dyar Hugh W, 140 S Dearborn.....Central 3066

Cranes, Overhead, Hand Power, All Types.
Chisholm-Moore Mfg Co The, Peoples Gas bldg.....Harrison 5506

Crate Openers, Fruit Tools, Bbl Hatchets, Scrapers.
Duffy Manufacturing Co, 214-216 W Grand av ....Superior 3674

Crayons, Mfrs., Marking Checking and Bowling.
United States Crayon Co (Not Inc), 2249 Lincoln av....Lincoln 1298

Cream Separators.
Albaugh-Dover Co, 2100 Marshall bl...Rockwell 6800

Creamery Apparatus.
Barber A H Creamery Supply Co, 306 W Austin av....Franklin 554

Credit Counselors.
Bennett Horace C, 106 N La Salle.....Main 1206

Creosote Oils.
American Tar Products Co, 208 S LaSalle.Wabash 6396

Creosoting.
Central Creosoting Co, 111 W Washington..Main 1824

Crowns.
Improved Crown & Seal Co Inc, 1738-50 N Tripp av ....Belmont 5179

Crushers (Stone).
Shaw Willis, 80 E Jackson bl.....Harrison 22

Crushing and Pulverizing Machinery.
Jeffrey Mfg Co The, 332 S Michigan av..Harrison 8008
Stroud E H & Co, 928-934 Fullerton av..Diversey 4517

Cullet—Jobbers and Brokers.
Levy Max & Co, 845-865 Rees.....Diversey 2106

Culverts: Cast Iron.
United States Cast Iron Pipe & Foundry Co, 122 S Michigan bl....Harrison 6863

Curled Hair.
Chicago Curled Hair Co, 2301-33 S Paulina.Canal 5800

Curtain Rod Mnfrs.
Boye James H Mfg Co, 412-420 Orleans..Franklin 5890

Curtain Stretchers, Mnfrs.
Chicago Curtain Stretcher Co, 3725 Wall..Yards 4349

Custom House Brokers.
Sheldon G W & Co, 220 S State.....Harrison 2285

Customs Brokers.
Gallagher & Ascher, 112 W Adams...Randolph 1466

Cut Glass—Manufacturers.
Koch Edward J, 115 E South Water.....Central 1967

Cut Rate Ticket Offices.
Lyons Railroad & Steamship Ticket Office, 310 S Clark ....Wabash 1759

Cutlery, Wholesale.
Shure N Co, 237-241 W Madison.....Main 3482

Cutters.
National Tool Co The (I P Jones Agt), 24 S Jefferson ....Monroe 826
See our Catalog Space, page 979

Cutting Compounds.
International Lubricants Co Ltd ("Acerus"), 350 N Clark ....Franklin 2646

Cutting Schools—Ladies' & Gentlemen's.
American Ladies' & Gents' Designing School, 19 S Wells ....Franklin 3447

Cyanide Hardening Compounds.
Bell & Gossett Co, 611 W 30th....Boulevard 2067
Ele-Kem Company, 1508-1516 Clybourn av ....Diversey 4410
See our Catalog Space, page 930

Cyanide, Potash, Sodium Mixtures.
Ele-Kem Company, 1508-1516 Clybourn av ....Diversey 4410
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Cylinder and Crank Shaft Grinding.
Pondelick Bros, 215-219 S Leavitt.....West 1986

Cylinder Grinding.
Peerless Piston Ring Mfg Co, 3848-50 N Clark .....Graceland 3044

Dairy Lime.
Allwood Lime Company, 30 N Dearborn..Randolph 897
See our Catalog Space, page 970

Dampproofing.
Biegler E N Inc, 2730 N Rockwell.....Humboldt 135

Dancing, Modern & Interpretive (Taught Privately).
Long Dancing Studios The, 37 S Wabash av .....Central 208

Decalcomania.
Meyercord Co The, Chamber of Commerce...Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

Decalcomania Transfer Name Plates.
Meyercord Co The, Chamber of Commerce...Main 1461

Decomposed Silica.
Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

Decorations—Flags & Bunting.
Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271
Home Decorating Co The, 28 S Wells..Franklin 3880

Decorations for Celebrations, etc.
Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

Decorators.
Suerth Matt, 2019 Pierce av.....Humboldt 8054
Weber John J, 8 S Dearborn.....Randolph 4558

Deformity Apparatus.
Sharp & Smith, 155-157 N Michigan bl.Randolph 3421

Dental Equipment, Used & New Goods.
Cassriel Alexander Co, 128-132 S Wabash av .....Central 3150

Dental Laboratories.
Central Dental Laboratory Co, 218 S Wabash av .....Harrison 6346
Reese & Wiedhofft Drs, 180 N Dearborn..Central 3910

Dental Supplies.
Gallagher Dental Supply Co The, 37 S Wabash av .....Central 3562

Department Store Fixtures, Mfrs.
Chicago Store & Office Fixture Co, 818-820 S Clinton.....Harrison 7308
Inter-Ocean Cabinet Co, 322-326 S Paulina West 3319

Deposition Reporting.
Devlin & Roberts, Conway bldg.....Randolph 4846
Walsh Edward J, Conway bldg.....Franklin 2188

Derrick Manufacturers.
Sasgen Derrick Co, 3101 W Grand av....Garfield 800

Derrick Mfrs. Portable all Steel.
Taylor Portable Steel Derrick Co, 213-221 W Grand av .....Superior 560

Derricks.
National Equipment Co, 125-127 S Racine av .....Monroe 4036

Designers.
Goldschmidt Robert, 537 S Dearborn....Wabash 2119
Hawtin Engraving Co The, 19 S Wells....Main 4103

Desk Manufacturers.
Manufacturers Office Equipment Co, 101 S Wells .....Franklin 5673

Desks.
Stevens Maloney & Co, 21 S Lasalle.....Central 3186

Detective Agencies.
Baker's Investigating Agency, 110 S Dearborn .....Randolph 674
Burns Wm J, International Detective Agency Inc The, Transportation bldg.....Harrison 7007
See our Catalog Space, page 938
Christiansen L A Secret Service, Fisher bldg .....Harrison 417
Gorton National Detective Agency Inc, 118 N La Salle.....Franklin 107
Harrison's Secret Service Inc, 110 S Dearborn.....Randolph 688
Interstate Detective Agency, 440 S Dearborn .....Harrison 2220
Jones Inc, Rector bldg.....Majestic 8063
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Kane Service The, 21 N Lasalle.....Main 5337
McGuire & White Detective Agency, 38 S Dearborn .....Randolph 1580
Mooney & Boland Detective Agency The 30 N La Salle.....Main 1990
National Union Detective Agency, 127 N Dearborn.....Central 4240
O'Brien P D & Sons Detective Agency, 160 W Randolph .....Franklin 4427
Protective Alliance The, 76 W Monroe...Randolph 7930
Seagrove G A Company The, First Natl Bank bldg.....Randolph 4210
Sherman Detective Agency Inc, 208 S LaSalle .....Harrison 1130
Smiley's Secret Service, 189 W Madison..Franklin 1652
Soule Secret Service, 139 N Clark.....Central 6972
Turner Wm J Detective Agency, 36 W Randolph .....Randolph 7314
Washington Detective Bureau Inc, 327 S Lasalle .....Harrison 8254
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Young Herbert F, 105 W Monroe.....Randolph 386

Developing, Printing & Enlarging.
Central Camera Co, 124 S Wabash av....Central 5963

Dextrine.
Chicago Starch Co, 2710 Throop.....Drover 3897
Williamson Glue & Gum Works, 220-222 W Huron .....Superior 8395

Dials for All Instruments, Mnfrs.
General Etching & Mfg Co, 312-14-16 S Hamilton av.....Seeley 164

Diamond, Bortz & Carbon Tools Bought & Sold.
Bloomfield B A, 159 N State.....Central 1709

Dictaphones.
Columbia Graphophone Co, North American bldg .....Randolph 2771

Dictaphones, Rebuilt.
Price Inc, 440 S Dearborn.....Harrison 5917

Dictating Machines, Rebuilt.
Price Inc, 440 S Dearborn.....Harrison 5917

Die Castings.
Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 904
Barnhart Brothers & Spindler, Throop and Monroe .....Haymarket 5400
Stewart Manufacturing Co, 343 N Wells.Franklin 2970

Die Cutting, Labels & Guide Cards.
McNeill T C & Co, 601-607 S Dearborn.Harrison 5786

Die Heads (Self opening & Adjustable).
Geometric Tool Co The, 545 W Washington bl .....Franklin 3835

Die Makers and Machinists.
Advance Metal Mfg Co, 100 S Jefferson .....Haymarket 887

Die Sinkers.
Eckebrecht O & Co, 542 S Dearborn....Harrison 3626

Die Sinkers, Steel & Brass Stamps.
R & S Engraving & Die Works, 522 S Clinton .....Wabash 7571

Die and Tool Makers.
Alemite Metals Co, 341-351 W Chicago av.Superior 6016
See our Catalog Space, page 904

Die Tools, Special Machinery.
Cicero Tool Works, 1233 S 52d av Cicero, Ill .....Cicero 276

Dies.
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Walsh Press & Die Co, 4709 W Kinzie....Austin 589

Dies, Jigs & Tools (Makers).
Advance Metal Manufacturing Co, 100 S Jefferson .....Haymarket 887
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Blomfeldt & Rapp Co, 108-128 N Jefferson .....Monroe 3981
Excelsior Die & Tool Wks, 625 W Jackson bl .....Monroe 5798
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
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Krebs Mfg Co, 341-349 E Ohio.....Superior 8611
Malm & Stahl Tool Works, 561 Washington bl .....Main 4953
McMorran Edward E & Co, 126 N Union.Haymarket 66
Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941.

Dies & Metal Specialties.
Armand Machine Works, 548-550 W Lake..Main 26
Industrial Products Co, 334 N Irving av.....West 352

Dies, Self-Opening and Adjustable.
Modern Tool Co (R H Wood Mgr) 32 N Clinton .....Main 234

Dies, Solid Adjustable.
Modern Tool Co (R H Wood Mgr). 32 N Clinton .....Main 234

Dies & Stampings.
Quadriga Mfg Co The, 213-221 W Grand av .....Superior 5

Dies & Stampings, Drop Forging Dies.
Moore & Company, 301 W Grand av....Superior 18

Dies and Tools.
Alcor Mfg Co, 430 S Green.....Monroe 23
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av.....Hyde Park 65
Krag Franz K, 564 W Randolph.....Main 33
Monarch Tool & Machinery Co, 1901 S Western av .....Canal 8
National Stamping & Electric Works, 414-26 S Clinton .....Wabash 35
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1
Signalite Manufacturing Co, 522 S Clinton .....Harrison 7
Standard Die & Specialty Co, 169 N Jefferson .....Franklin 2
Thompson & Bremer, 850 S Canal.....Wabash 6
Western Tool & Machine Works, 127 N Wells .....Franklin 1

Dies—Tools—Special Machinery.
Hoeft & Company, 400 N Ashland av.....Monroe 8

Differentials, for Autos, Trucks & Tractors.
Adler Mfg Co, 2407-11 W Ohio.....Seeley 703

Dining Car Supplies.
Stearnes Company The, 215 N Michigan av .....Randolph 4318

Direct Advertising.
Morcland Advertising Company The, 14 E Jackson bl .....Harrison 83
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Direct Advertising Mail.
Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

Direct Campaigns.
The Moreland Advertising Company, 14 E Jackson bl .....Harrison 83
See our Catalog Space, page 908

Directories (Office Building).
Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) 633 Plymouth ct .....Harrison 7401

Dish Washing Machines.
Kitchen Service Co, 37 W Van Buren...Harrison 8417

Disinfectants.
Central City Chemical Co, 1752-56 Kimball av .....Belmont 1295
Robertson Theo B Products Co Inc, 700-704 W Division .....Diversey 4110

Display Cards.
McAleer Show Card Service, 66 W Washington .....Central 6760

Distilled Water Apparatus.
Jewell Polar Co, 24-30 S Clinton.....Franklin 5545
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Distributors.
American Posting Service, 757 W Jackson bl .....Monroe 1963
Bartcher Adam J Perfect Distributing Service The, 739 E 43d.....Drexel 6166
See our Cataog Space, page 941

Docks—Builders.
Raymond Concrete Pile Co, 111 W Monroe.Central 3012

Doll Mnfrs. Finest High Grade Composition.
Raleigh Jessie McCutcheon, 1280 Clybourn av .....Lincoln 6263

Dolls' Wigs, Manufacturers.
Delavan S E, 24 W Washington.....Randolph 1756

Door Appliances (Crane).
Chicago Millwright & Pulley Co (To open, close & Fasten Crane Doors) 940WLake.Haymarket 1161

Door Checks—Mnfrs.
Keep Hardware Mfg Co, 618 S Canal....Harrison 5453

Dowels, Wood.
LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Drafting & Designing.
Libby Parrish & Huls, 327 S LaSalle....Harrison 384
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Drafting Room Furniture & Supplies.
Pease C F Company The, 166 W Adams..Franklin 862
Pease C F Company The, 213-231 W Institute pl .....Superior 9475

Draftsmen.
King, R D, Monadnock blk.....Wabash 4897

Draftsmen, Engineers & Designers.
Kux Albert S, 127 N Dearborn.....Randolph 5693

Drag Lines & Dredges.
Moore Bros, 39 S Lasalle.....Majestic 7396

Draperies.
Maxwell S A & Co, 74 E Randolph..Randolph 5220
Richardson O W & Co, Wabash av and Congress ..... Harrison 6931

Draperies, Wholesale & Retail.
Weinberg Julius, 1459-61 Milwaukee av..Humboldt 1083

Drawing Materials.
Huey Co, The, 59 E Adams.....Harrison 4640

Dredge & Steam Shovel Necessities.
Gatke Thos L, 80 E Jackson bl.....Harrison 3268

Dredging Machinery.
Moore Bros, 39 S Lasalle.....Majestic 7396

Dress Shields—All Kinds.
Omo Mfg Co (De Graff & Palmer) 223 W Jackson bl .....Wabash 4123

Dress Suits to Rent.
Schaffer T C Big Gun Brand, 130 N State.Central 4875

Driers—Grain.
Ellis Drier & Elevator Co The, 140 W VanBuren .....Harrison 6693

Drill Chucks.
Narragansett Machine Co, Monadnock blk .....Harrison 1598

Drills, Brick & Stone.
Star Expansion Bolt Co, 120 W Lake.....Main 2649

Drills Diamond Core.
Standard Diamond Drill Co, First National Bank bldg .....Central 2370

Drills—Star, Brick, Rock, Track, Marble.
Duffy Mfg Co, 214-16 W Grand av.....Superior 3674

Drills Twist Carbon & High Speed.
Whitman & Barnes Mfg Co The (J C Scanlon Agt) 565 Washington bl.....Franklin 2210

Drinking Water Systems.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
See our Catalog Space, page 1022.

Drop Forge Dies.
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av .....Hyde Park 6509

Drop Forgings.
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av .....Hyde Park 6509
Octigan Drop Forge Co, 25th & Lowe av .....Boulevard 8414
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Whitman & Barnes Mfg Co, 1000 W 120th .....Pullman 215

Drosses.
Chicago Smelting & Refining Co, 1356 W 21stCanal 4615

Drug Importers.
McLaughlin Gormley King Co (Cooper & Shuesler) 8 S Dearborn.....Central 8020

Drug Importers & Exporters
Lathrop H R & Co Inc (Merz & Co), 35 W Kinzie .....Randolph 5115

Drug Millers.
McLaughlin Gormley King Co (Cooper & Shuesler) 8 S Dearborn.....Central 8020

Drug Store Fixtures, Mfrs.
Chicago Store & Office Fixture Co, 818-820 S Clinton .....Harrison 7308
Inter-Ocean Cabinet Co, 322-326 S Paulina..West 3319

Druggists' Boxes and Labels.
Randolph Box and Label Co, 843 W Van Buren .....Monroe 1677

Druggists Pill & Powder Boxes, Sundries.
Hertle-Roberts Company, 552-570 W Harrison .....Wabash 918

Druggists' Sundries.
Fuller-Morrisson Co, 540 W Randolph...Franklin 1929

Druggists Wholesale.
Fuller-Morrisson Co, 540 W Randolph...Franklin 1929

Drummers Supplies.
Ludwig & Ludwig, 1611-13 N Lincoln st.....Humboldt 4569

Drums & Drummers Supplies.
Dixie Music House The, 105 W Madison.Randolph 962

Drums (Musical) Mnfrs.
Ludwig & Ludwig, 1611-13 N Lincoln st.....Humboldt 4569

Drums & Musical Instrument Parts.
Wilson Bros Mfg Co, 218-222 N May.....Monroe 1394

Dry Color Mfrs.
Herrmann Morris & Co, 1501 S Peoria.....Canal 2770

Dry Goods Store Fixtures, Mfrs.
Chicago Store & Office Fixture Co, 818-20 S Clinton .....Harrison 7308

Dryers (Clothes Dryers of all Kinds).
Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

Dryers—Centrifugal, Textile & Chemical.
Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

Dryers for all Purposes (Coal, Ore, etc.).
Ruggles-Coles Engineering Co, 332 S Michigan av .....Harrison 884

Duck, Cotton.
Schermerhorn Bros Co, 5 N LaSalle.....Main 4460

Dumb Waiters.
Matot D A, 1538-1546 Montana.....Lincoln 2

Dumb Waiters, Electric.
Kaestner & Hecht Co, 500 Throop....Haymarket 6340

Duplicating Machines and Supplies.
Dick A B Company, 730-744 W Jackson bl .....Monroe 757

Duplicators.
Hever T A Duplicator Co, 160 N Wells....Main 3914

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Duplicators, Rebuilt.
Price Inc, 440 S Dearborn.....Harrison 5917

Dust Collecting Engineers.
Clark Dust Collecting Co, Fisher bldg...Harrison 2338

Dust Collectors Manufactured & Installed.
Clark Dust Collecting Co, Fisher bldg...Harrison 2338
Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

Dye Plants, Engineers & Builders.
Walter Company The, 38 S Dearborn.Randolph 937

Dye Stuffs and Chemicals.
Street R R & Co Inc, 541-557 Washington .....Franklin 3450

Dyes and Dye Stuffs.
Roenitz Louis T, 375 W Ontario.....Superior 5411

Dyes for Straw Hats.
Jetum Co The, 2820-24 Cottage Grove av.Calumet 826

Dyestuffs.
Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, McCormick bldg, 332 S Michigan av.Harrison 6602

Dynamos and Motors.
Queen City Electric Co, 2944-46 W Lake.Garfield 617

Dynamos & Motors (Special)
Aaron Electric Co, 15 S Clinton.....Franklin 5854

Education.
Alexander Hamilton Institute, Transportation bldg, 608 S Dearborn.....Harrison 8207
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Efficiency Engineers.
Estes L V Inc, 332 S Michigan av.....Harrison 2526

Egg Boilers (Automatic).
Espy Curtis & Co, 158 N Ashland bl.....West 224

Egg Substitute, Dry Powdered Form.
Finger R Co The, 2905-07 W Madison.Van Buren 2143

Elastic Stockings, Abdominal Supporters—Mnfrs.
Godfrey Mark, 56 E Randolph.....Central 6439
Sharp & Smith, 155-157 N Michigan bl.Randolph 3421

Electric Clock Mnfrs.
Sohm Electric Co, 141 W Austin av.....Franklin 4357

Electric Cover Sockets for Outlet Boxes.
Harter Mfg Co, 522 S Clinton.....Harrison 2436

Electric Drill Repairing.
Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

Electric Drills and Grinders.
Chicago Pneumatic Tool Co, Fisher bldg.Harrison 687

Electric Drills, Grinders & Tools.
U S Electrical Tool Co, 547 Washington bl .....Franklin 4876
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Electric Drills & Hammers.
Electro-Magnetic Tool Co, 2902 Carroll av.Kedzie 9148

Electric Elevators.
Kaestner & Hecht Co, 500 Throop.....Haymarket 6840
Prince Elevator Co, 231-233 W Grand av.Superior 1095

Electric Exhaust Fan Mnfrs.
Batterman, Truitt Co, 18-20 E Kinzie..Randolph 5187

Electric Fan Repairing.
Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

Electric Fixtures.
Everson O G & Co, 70 W Lake.....Central 6737
South Side Chandelier Co, 5852 S HalstdWentwrth 1204

Electric Generators.
Aaron Electric Co, 15 S Clinton.....Franklin 5854

Electric Generators and Motors, Used.
Gregory Electric Co, 16th & Lincoln....Canal 1690
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Electric Grinder Repairing.
Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

Electric Instruments.
Reliance Instrument Co, 1135 W Vanburen .....Monroe 6092

Electric Kitchen Power Units.
Reynolds Electric Flasher Mfg Co, 422 S Talman av .....West 35

Electric Lamp Guards.
Flexible Steel Lacing Co, 522 S Clinton..Wabash 4911

Electric Lamps (Miniature).
Chicago Miniature Lamp Works, 640 W Lake .....Monroe 4600

Electric Lamps—Carved Wood—Mnfrs.
Hartmann-Malcolm Co, 847-857 N Troy..Garfield 776

Electric Light and Power Apparatus.
Aaron Electric Co, 15 S Clinton.....Franklin 5854

Electric Lighting Fixtures for all Purposes.
Brascolite (Illinois Electric Co, Distributors) 314 W Madison .....Main 4450
See our Catalog Space, page 968
Reflectolyte Company The (Freeman-Sweet Company, Distributors), 608 S Dearborn.Harrison 4191
See our Catalog Space, page 969

Electric Lighting Fixtures—Industrial.
Harter Mfg Co, 522 S Clinton.....Harrison 2436

Electric Lighting Plants for Rural Homes & Small Towns
Dealers' Electric Lighting Co, 2901-2907 Indiana av .....Calumet 7071

Electric Meter & Instrument Repairs & Tests.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
See our Catalog Space, page 945

Electric Motor Repairing.
Great Western Electric Co, 309-313 S Clinton .....Harrison 6543
Northwestern Electric Co, 410 S Hoyne av.West 5366
Queen City Electric Co, 2944-46 W Lake..Garfield 617

Electric Motors.
Aaron Electric Co, 15 S Clinton.....Franklin 5854
Bodine Electric Co, 2254 W Ohio.....West 631
Cline Electric Mfg Co, Fisher bldg....Harrison 8326
Holtzer-Cabot Electric Co The, 6161 S State .....Normal 5800

Electric Motors (Fractional Horse Power).
Reynolds Electric Flasher Mfg Co, 422 S Talman av.....West 35

Electric Motors (New and Used).
Chicago Electric Construction Co, 740 W VanBuren .....Monroe 4351
Goldschmidt M & Co, 538 S Clark.....Harrison 6057
Queen City Electric Co, 2944-46 W Lake..Garfield 617

Electric Motors (Variable Speed).
Northwestern Electric Co, 410 S Hoyne av..West 5366

Electric Motors and Dynamos.
Queen City Electric Co, 2944-46 W Lake..Garfield 617

Electric Motors & Dynamos, New & Used.
Clinton Supply Co, 117 S Clinton.....Main 5064

Electric Motors and Generators.
Pfannmueller Engineering Co, First Natl Bank bldg .....Randolph 16
Power Equipment Co, Fisher bldg...Harrison 6616

Electric Motors & Generators—New and Used.
Queen City Electric Co, 2944-46 W Lake..Garfield 617

Electric Rotary Converters.
Northwestern Electric Co, 410 S Hoyne av..West 5366

Electric (Small Motors) Repairing.
Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 1295

Electric Sad Irons.
Chicago Flexible Shaft Co, 5600 W 12th.Austin 1900

Electric, Self-winding & Program Clocks.
Howard E Clock Co The, 31 N State.....Central 6951

Electric Signs.
Haller Consolidated Co, 213 W Austin av.Franklin 1604
Pause P & Company, 400-416 W Erie..Superior 2097

Electric Tool Repairing.
Electric Tool Repair & Maintenance Co, 31 N Jefferson .....Franklin 129

Electrical Construction.
Chicago Electric Construction Co, 740 W VanBuren .....Monroe 435
White City Electric Co, 14 N Franklin....Main 80

Electrical Construction and Installations.
Pearson John W Co, 839-41 W Lake.....Monroe 58

Electrical Contractors.
Aaron Electric Co, 15 S Clinton.....Franklin 58
Beaver Electric Construction Co, 30 N Lasalle .....Main 11

Electrical Contractors, Engineers, Mnfrs.
Newgard Henry & Co, 947-955 Washington bl .....Haymarket 9

Electrical Controllers—Manufacturers.
Anderson C J & Co, 212 W Austin av....Franklin 3

Electrical Engineers.
Atkins Charles G, Monadnock blk.....Harrison 2135
Byllesby H M & Co, 208 S LaSalle....Wabash 821
Chicago Electric Construction Co, 740 W VanBuren .....Monroe 4351
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Electrical Experimental Work.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Electrical Goods.
Holtzer-Cabot Electric Co The, 6161 S State .....Normal 5800
Lincoln Electric Works (R J Morgan), Heyworth bldg .....Randolph 4142

Electrical Hard Rubber Specialties.
Vulcanized Rubber Co The, 209 S State.Harrison 1271

Electrical Instruments, Repairs and Tests.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Electrical Machinery Dealers.
Gregory Electric Co, 16th & Lincoln.....Canal 1690
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Electrical Machinery Rented.
Gregory Electric Co, 16th & Lincoln.....Canal 1690
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Electrical Machinery, Second Hand.
Dyar Hugh W, 140 S Dearborn.....Central 3066

Electrical Machinists.
Corbin & Guion, 309 S Desplaines.....Monroe 5098

Electrical and Mechanical Power Apparatus, Mnfrs.
Pearson John W Co, 839-41 W Lake....Monroe 5838

Electrical Repair Shops.
Chicago Electric Construction Co, 740 W VanBuren .....Monroe 4351
Gregory Electric Co, 16th & Lincoln.....Canal 1690
See our Catalog Space, page 944.
Pearson John W Co, 839-41 W Lake....Monroe 5838
Thompson & Jameson, 126-128 S Clinton.Franklin 5547

Electrical Repairs, Small Armature Winding.
Electric Repair Co, 30 S Clark.....Randolph 2345

Electrical Slate.
Davis Slate & Mfg Co, 618 E 40th.....Oakland 6880

Electrical Supplies.
Central Electric Co, 316-326 S Wells...Wabash 2161
Peerless Light Co, 174 W Randolph.....Main 4640

Electrical Supplies, Wholesale.
Co-Operative Electrical Supply House, 314 S Canal .....Haymarket 783

Electrical Testing.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Electrical Toys.
Swedish American Telephone Mfg Co, 5235 Ravenswood av.....Ravenswood 884

Electrical Wire.
Belden Mfg Co (Rubber Covered & Lamp Cord "Beldenite", Magnet & Resistance "Beldenamel", Cables, Cordage) 2311 S Western av.Canal 3480

Electrical Wire and Cables.
Chicago Insulated Wire & Mnfrs, Monadnock blk .....Harrison 1059

Electrical Wood Work.
La Pierre Henry M Co, 1314 W 21st.....Canal 3137
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Electricians.
Chicago Electric Construction Co, 740 W VanBuren .....Monroe 4351

Electro Galvanizers.
Meaker Galvanizing Co, Fulton and Elizabeth sts .....Monroe 2049

Electro Platers.
Bagley Alex T Co, 318 S Canal.....Harrison 1247

Electrotypers.
Barnett Jos H & Co, 508 S Dearborn..Harrison 1389
Dinse, Page & Co, 725-733 S Lasalle..Harrison 7185
Hawtin Engraving Co The, 19 S Wells...Main 4103
Rapid Electrotype Co The, 53 W Jackson bl .....Wabash 7629
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Rogers & Hall Co, 120 Polk.....Wabash 3381
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Simpson Bevans & Co, 322 W Washington..Main 4757

Elevating and Conveying Machinery.
Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200

Elevating, Conveying, Power Transmission Machinery.
Gump B F Co, 431-437 S Clinton.....Wabash 965
Olson Samuel & Co, 2418-2422 Bloomingdale av .....Armitage 780

Elevating Trucks.
Lewis-Shepard Company (E L Koenig Agt) 136 W Lake.....Franklin 3781

Elevator Cabs.
Aetna Iron & Wire Company, 119-123 N Sheldon .....Haymarket 1877
Guaranty Iron & Wire Co, 2851 W Lake.Garfield 7259

Elevator Doors.
Guaranty Iron & Wire Co, 2851 W Lake.Garfield 7259

Elevator Enclosures.
Aetna Iron & Wire Company, 119-123 N Sheldon .....Haymarket 1877
Chicago Wire, Iron & Brass Works The, 2340 Nelson .....Wellington 6676

Elevator Repairs and Supplies.
Prince Elevator Co, 231-233 W Grand av.Superior 1095

Elevators.
Colley Elevator Co (Agts F Rosenberg Elevator Co) 522 W Monroe.....Franklin 593
Kaestner & Hecht Co, 500 Throop ....Haymarket 6840
Prince Elevator Co, 231-233 W Grand av.Superior 1095
Reliance Elevator Co, 212 W Austin av..Franklin 3065

Elevators, Freight and Passenger.
Kaestner & Hecht Co, 500 Throop ....Haymarket 6840
Prince Elevator Co, 231-233 W Grand av.Superior 1095
Wheeler Elevator Co, 1121-1123 Washington bl .....Monroe 1050

Elevators, Patent Automatic.
Olson Samuel & Co, 2418-2422 Bloomingdale av .....Armitage 780

Emblems, Enameled & Celluloid Buttons, Pins & Jewels.
Goodell James M Jr Inc, 150 N Laramie av.Austin 119

Embossed Signs & Show Cards.
Common Sense Novelty Co, 972-982 Montana .....Lincoln 5405

Embossing.
Kennedy Embossing Co, 610 Federal....Harrison 7199

Embossing Dies.
Eckebrecht O & Co, 542 S Dearborn...Harrison 3626

Embroidery.
Raven Joseph B & Co, 324 S Market..Wabash 610

Emery Wheels and Corundum Wheels.
Goodrich A Inc, 1500 W Madison.....Monroe 1023

Employment Agencies.
Engineering Agency The, Monadnock blk .....Harrison 4056
Trueblood V G & Co, Engineering, Commercial and Educational Service throughout the entire United States, 19 S LaSalle.....Randolph 2171

Employment Broker.
Merchants Chemical Employment Exchange, 133 W Washington.....Main 1093

Enamel.
Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
Harrison Works (Owned & Operated by E I Du Pont de Nemours & Co) 2001 Mendell.Monroe 3286

Enamel and Paint Makers.
Bradley & Vrooman Co, 2632 S Dearborn.Calumet 693

Enamel Paints.
Rosenbush & Solomon Inc, 23-27 S Desplaines .....Monroe 3893

Enameled Steel & Iron Signs.
Enameled Steel Sign Co, 222 N State....Central 4181

Enameled Wares (Cooking Utensils).
Coonley Mfg Co, 139 N Clark.....Randolph 2243
Great Northern Mfg Co, 215 W Randolph.Franklin 5436

Enamelite—for Selective Hardening.
Bell & Gossett Co, 611 W 30th.....Boulevard 2067

Engineers.
Atkins Charles G, Monadnock blk.....Harrison 2135
Byllesby H M & Co, 208 S LaSalle....Wabash 821
Hunt Robt W & Co, General Offices Insurance Exch .....Wabash 872
Stebbings W L, Monadnock blk.....Harrison 258

Engineers, Combustion and Steam Production.
Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

Engineers—Consulting.
Libby Parrish & Huls, 327 S LaSalle.....Harrison 384
See our Catalog Space, page 946

Engineers, Consulting, Foundries & Steel Plants.
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957.

Engineers, Consulting & Structural.
Giaver Joachim G, 80 E Jackson bl.....Wabash 8727

Engineers, Electrical and Mechanical.
Atkins Charles G, Monadnock blk.....Harrison 2135

Engineers, House Moving, Raising, Shoring.
Friestedt L P Co, Tribune bldg.....Randolph 296

Engineers, Hydraulic and Sanitary.
Shields W S, 8 S Dearborn.....Central 4523

CHICAGO—continued

Engineers, Industrial.
Chase Frank D, 122 S Michigan av.....Harrison 7192
Leonard Construction Co, 332 S Michigan av.....Harrison 4465
Walter Company The, 38 S Dearborn..Randolph 937

Engineers, Industrial & Power Plants.
Hellstrom Victor A, 25 N Dearborn.....Central 3482
Libby Parrish & Hulls, 327 S LaSalle....Harrison 384
See our Catalog Space, page 946

Engineers, Mechanical.
Stierlin Machine & Die Works, 2055-59 Walnut.....West 448

Engineers, Mechanical, Designers, Special Mchy.
Kux Albert S, 127 N Dearborn.....Randolph 5693

Engineers, Mech., Special Machine & Auto Designers.
Kux Albert S, 127 N Dearborn.....Randolph 5693

Engineers, Metallurgical—Consulting & Contracting.
Hofmann Engineering Co, 557-559 W Quincy.....Franklin 931
See our Catalog Space, page 957
Myall-Wallace Co, 17 E Austin av....Randolph 6567

Engineers, Pulverized Fuel, Furnaces, Wire Mills.
American Industrial Engineering Co, Monadnock blk.....Harrison 2380

Engineers—Reinforced Concrete.
Barton Spider Web System, Kimball bldg.Wabash 2188
Walter Company The, 38 S Dearborn..Randolph 937

Engineers, Reinforced Concrete Design.
Concrete-Steel Products Co, 6 N Clark..Franklin 4478

Engineers, Structural.
Walter Company The, 38 S Dearborn..Randolph 937

Engineers, Structural Design.
Concrete Steel Products Co, 6 N Clark.Franklin 4478

Engineers' Supplies.
Advance Packing & Supply Co, 11 N Franklin.Main 3761
Cook & Chick Co, 18-20 E Kinzie.....Randolph 2215

Engines & Boilers.
Marsh George C & Co, 37 W Van Buren..Harrison 5799

Engines, Boilers and Machinery.
Pfaunmueller Engineering Co, First Nat Bank bldg.....Randolph 16
Power Equipment Co, Fisher bldg...Harrison 6616

Engines—Corliss and Poppet Valve.
Vilter Mfg Co The, Monadnock blk....Harrison 1627

Engines, Gas, Gasoline, Fuel Oil.
Chicago Pneumatic Tool Co, Fisher bldg.Harrison 687

Engines, Gasolene.
Anderson Engine Co, 4036 N Rockwell..Graceland 1191

Engravers.
American Engraving & Embossing Co, 542 S Dearborn.....Harrison 8118 / Automatic 62-819
Barnett Jos H & Co, 508 S Dearborn...Harrison 1389
Cahill-Igoe Co, 117 W Harrison.....Wabash 2141
Calumet Engraving Co, 508 S Dearborn.Harrison 1471
Commercial Art Engraving Co, 440 S Dearborn.....Harrison 4124 / Automatic 61-920
Donnelley R R & Sons Co, 731 Plymouth ct.....Harrison 350
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Eckebrecht O & Co, 542 S Dearborn....Harrison 3626
Goldschmidt Robt, 537 S Dearborn.....Wabash 2119
Hawtin Engraving Co The, 19 S Wells...Main 4103
Osgood Co, 430 S Market.....Wabash 2358
Robinson & Dahme, 538 S Clark.....Harrison 6760
Rogers & Hall Co, 120 Polk.....Wabash 3381
See our Catalog Space, page 996
Turner M J & Co, 608 S Dearborn.....Wabash 2064

Engravers (Wood).
Acme Engraving Co, 208 N Wells.....Main 1318

Engravers—Brass and Steel Dies and Stamps.
Barker H J & Co, 101 N Jefferson.....Main 2784
R & S Engraving & Die Works, 522 S Clinton.....Wabash 7571

Engravers, Copper and Steel Plate.
Bockmann & Co, 730-740 N Franklin....Superior 8849
Freund Wm & Son, 16-20 E Randolph.Randolph 805
Phenix Engraving Co, 32 S Clark.....Central 2480
Western Engraving & Embossing Co, 434 S Wabash av.....Harrison 3745
Wiggins John B Co The, 1104 S Wabash av.....Harrison 471

Engravers, Half Tone.
Barnett Jos H & Co, 508 S Dearborn....Harrison 1389

Engravers, Steel Die Embossed Letter Heads.
Cole Lithographing Co, 3027 Wabash av.Calumet 6223

Engravers, Steel Stamps, Bookbinder Rolls, Stamps.
Kautz Fred C & Co, 2633-35 W Lake.....West 2524

Engravers' Supplies.
National Steel & Copper Plate Co, 542 S Dearborn.....Harrison 7896
Pitman Harold M Co, 1430-34 SRockwell.Lawndale 1174

Engrossers.
Rounds-Truman Company, 64 W Randolph.Central 4758

Engrossers and Makers of Fine Diplomas.
Kassell Bernhard C, 105 N Clark.....Central 3965

Enlarging, Developing & Printing.
Central Camera Co, 124 S Wabash av...Central 5963

Envelope Sealers and Stamp Affixers.
Mail-O-Meter Sales Company, 39 S Lasalle.....Randolph 1673

Envelopes.
Bright Envelope Mfg Co, Mallers bldg Madison and Wabash av.....Central 2512
Chicago Envelope Co, 59 E Madison ....Randolph 2352
Columbia Envelope Co, 349-359 W Austin av.Main 2460
Gaw-O'Hara Envelope Co, 725-29 S Wells.Wabash 6832
Jones Owen R, 20 E Jackson bl.....Wabash 4115
Moser Paper Co, 621-631 Plymouth ct...Wabash 2718
Neostyle Envelope Co (Penyhook), 5 S Wabash av.....Randolph 3091
See our Catalog Space, page 949.
Paper Mills' Company The, 517 S Wells.....Harrison 8000
Thompson J L, 35 N Dearborn.....Central 79
Transo Envelope Co, 3512-3550 N Kimball av.....Monticello 6030
U S Paper Goods Co The, Rand McNally bldg.....Wabash 8485

Envelopes—Catalogue and Calendar.
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Envelopes, Makers—Transparent Window.
Transo Envelope Co, 3512-3550 N Kimball av.....Monticello 6030

Envelopes for Merchandise—Metal Clasp.
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Envelopes Of Every Description.
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Envelopes, Postage Savers.
Bright Envelope Mfg Co, Mallers bldg, Madison & Wabash.....Central 2512
Neostyle Envelope Co (Penyhook) 5 S Wabash av.....Randolph 3091
See our Catalog Space, page 949

Envelopes, Sealed Yet Open.
Chicago Neostyle Envelope Co (Penyhook) 5 S Wabash av.....Randolph 3091
See our Catalog Space, page 949
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Envelopes, Shirt—For Laundries.
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Envelopes With Transparent Front.
Columbia Envelope Co, 349-359 W Austin av.Main 2460

Etched Metal Goods (Name Plates, Signs & Specialties).
Etching Co of Am, 2526 W Congress....West 3070

Etched Metal Products, Name Plates, Splcts., Etc.
General Etching & Mfg Co, 312-14-16 Hamilton av.....Seeley 164
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Evaporators.
Swenson Evaporator Co, Monadnock blk.Harrison 1252

Excavators, Cableway.
Sauerman Bros, Monadnock blk.....Harrison 4029

Excavators—Dragline.
Monighan Machine Co, 2016-2036 Carroll av.West 1046

Excavators, Drag Line and Trench Machines.
Louer W B Co, Old Colony bldg.....Harrison 7366

Excelsior.
Excelsior Wrapper Co, 224 W Kinzie.....Franklin 2389
Selle H W & Co, 1000-1016 N Halsted.Diversey 4500
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Whitney H W, 305-315 S LaSalle.....Wabash 8210

Excelsior Packing Pads.
Selle H W & Co, 1000-1016 N Halsted..Diversey 4500
See our Catalog Space, page 950

Executive Training.
Alexander Hamilton Institute, Transportation bldg, 608 S Dearborn.....Harrison 8207
See our Catalog Space, page 927

Exhaust Fan and Blower Mnfrs.
Batterman Truitt Co, 18-20 E Kinzie..Randolph 5187

Exhaust Fans & Blower Contrs.
Baker, Edward J & Co, 10 S LaSalle.....Main 75

Expansion Bolts.
Ackerman-Johnson Co, 625 W Jackson bl.Monroe 221
Chicago Expansion Bolt Co, 111 N Jefferson.....Franklin 155
Star Expansion Bolt Co, 120 W Lake.....Main 264
Van Expansion Bolt Mfg Co, 26 W Lake.Central 361

Expansion Joints (Copper)
Atlas Copper & Brass Mfg Co, 2734-38 HighLincoln 401

Expansion Screw Anchors.
Ackerman-Johnson Co, 625 W Jackson bl.Monroe 221

Experimental Work.
Alcor Mfg Co, 430 S Green.....Monroe 238
Signalite Manufacturing Co, 522 S Clinton.Harrison 776
Stierlin Machine & Die Works, 2055-59 Walnut.....West 44

Experimental Work, Electrical.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, McCormick bldg, 332 S Michigan av.Harrison 6602
Trojan Powder Co, 29 S LaSalle.....Central 4630

Export Forwarding Agents.
Gallagher & Ascher, 112 W Adams....Randolph 1466

Export Freight Brokers.
Overseas Shipping Company, 327 S Lasalle .....Harrison 6896

Export Merchants.
Carr & Irons Inc, 38 S Dearborn....Randolph 2904
Cosmo Trading Co, Chamber of Commerce.Main 1065
Export Industrial Corporation, 38 S Dearborn .....Central 3426

Export Purchasing Agents.
Steinberg Norman L & Co, 14 E Jackson.Harrison 1147

Extension Planks, Mnfrs.
Bunck E C & Co, 4648 Calumet av.....Oakland 845

Exterminators of Rats, Mice, Roaches & Bugs.
McCloud W B & Co, 1012 N Wells...Superior 568

Fac Simile Letters.
Imitation Typewriting & Addressing Co, 71 W Randolph .....Central 3333

Face Veils.
Hartman Bros Inc, 130 N Wells.....Franklin 5058

Factory Supplies & Signalling Apparatus.
National Scale Co, Kimball Hall.....Harrison 3779

Fans (Kerosene, Alcohol, Gasoline, Gas.)
Lake Breeze Motor, 564-570 W Monroe.Franklin 3462

Fans, Blowers and Exhausters—Mnfrs.
Batterman Truitt Co, 18-20 E Kinzie...Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting.Superior 3433

Fans & Blowers Manufactured & Installed.
Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

Fans and Dust Collectors.
Allington & Curtis Mnfg Co The, Monadnock blk .....Harrison 335
Cyclone Blow Pipe Co, 2542-2552 W 21st .....Lawndale 1910
Schuler J F, 2428 N Ashland av.....Lincoln 1460
Vortex Blow Pipe Co, 6215 Wentwrth avEngelwood 3109

Fans, Electric Exhaust & Blowers.
Diehl Mfg Co, Edison bldg.....Central 5532

Fasteners, Snap (Dress).
Columbia Fastener Company, 3229-31 S Ashland av .....McKinley 1365

Feather Pillows—Mnfrs.
Emmerich Chas & Co, 501 W Huron....Superior 2060

Feathers & Feather Products.
Illinois Feather Co The, 1509-11 Blue IslandCanal 4206

Feed, Flour & Corn Mill Machinery, New & Rebuilt.
Noth Geo J, 9 S Clinton.....Franklin 3949

Feed Water Heaters.
Baragwanath Wm & Son, Monadnock blk.Harrison 5744

Felt.
American Felt Company, 825 S Market...Wabash 3279
Stroock S & Co (Manufacturers of Felts of all kinds), 103 S Wells.....Main 4180

Felt—All Kinds.
American Tar Products Co, 208 S LaSalle.Wabash 6396

Felt Shoes & Slippers.
Standard Felt Co, 404 S Wells.....Wabash 1081

Felts.
Standard Felt Co, 404 S Wells.....Wabash 1081

Fence Mnfrs., Iron & Wire.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Fence Posts Steel.
Chicago Steel Post Co, 208 S LaSalle...Harrison 4001

Fences.
Chicago Steel Post Co, 208 S LaSalle...Harrison 4001

Fences—Iron & Wire.
Smith F P Wire & Iron Works, 54 W Lake.Central 438

Fences, Wire & Iron.
Page Steel & Wire Co, 175 W Jackson bl.Harrison 1197
Cyclone Fence Co, 175 W Jackson bl..Wabash 2020
See our Catalog Space, page 953

Fences, Woven Wire, Mfrs.
Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

Fibre.
American Vulcanized Fibre Co, 600 W Lake .....Monroe 63
Fleig L L & Co, 216 W Austin av....Franklin 2637
National Fibre & Insulation Co, 212 W Austin av .....Franklin 2637
Russell Specialty Mfg Co, 317 S Clinton.Harrison 2538

Fibre Containers.
American Can Co, Monroe bldg.....Randolph 2191

Fibre Shipping Containers.
Chicago Carton Co, 4433 Ogden av..Lawndale 906
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Mid-West Box Co, 111 Washington.....Main 4334
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Fibre, Sulphite.
Brown Company, 110 S Dearborn.....Central 6494

File Cleaners.
Munger H H, 120 W Lake.....Main 2649

Filing Cabinets.
Amberg File & Index Co, 1400 Fulton..Monroe 2850
Manufacturers Office Equipment Co, 101 S Wells .....Franklin 5673

Films (Producers).
American Film Co Inc, 6227 Broadway..Sunnyside 2740

Films, Cartoon Advertising.
Camel Film Co, 3715 Grand av.....Albany 4928

Films—Commercial Advertising Manufacturers.
National Advertising Film Co, 208 N Wells .....Franklin 4606

Films, Etc.
Rothacker Film Mfg Co, 1339 Diversey Pkwy .....Diversey 2272
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Filter Presses.
Perrin William R & Company, Old Colony bldg, 37 W Vanburen.....Harrison 4374

Filters.
Allen Filter Service (The) 359 N State .....Randolph 835
National Water Filters (Klemm & Co) 1364 W Grand av.....Monroe 3087

Filters—Pressure & Vacuum.
United Filters Corp, 122 S Michigan av..Harrison 5990

Filters—Water.
Greer Chemical Co The, Great Northern bldg .....Harrison 6970
Loomis-Manning Filter Distributing Co, (Anson-Bryne Co) 10 S LaSalle.....Main 35

Filters, Water Distilling Apparatus.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
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Fire Appliances.
Pyrene Manufacturing Co, 175 W Jackson bl .....Wabash 6316

Fire, Brick, Silica, Magnesite & Chrome.
Harbison-Walker Refractories Co, Continental & Commercial Bank bldg.....Wabash 6218

Fire Doors.
Guaranty Iron & Wire Co, 2851 W Lake..Garfield 7259
Hanke Iron & Wire Works, 840 N Albany av .....Garfield 970

Fire Escapes.
Central Iron Works, Lake & Sangamon....Monroe 2327
Hanke Iron & Wire Works, 840 N Albany av .....Garfield 970
Standard Fire Escape Co, 168 N May..Haymarket 585

Fire Escapes—Iron Stair & Ladder Construction.
Smith F P Wire & Iron Works, 54 W Lake .....Central 438

Fire Extinguishers.
Fyr-Fyter Co The (B H Phister Mgr) 175 W Jackson bl.....Wabash 2020
Harden Hand Grenade Fire Extinguisher Co, 6213 Wentworth av .....Englewood 8614
McMorran Edw E & Co, 126 N Union.Haymarket 66
Miller Chemical Engine Co (Miller Acid-Standard Miller Non Freezing Pump Type Underwriters'-Label), 220-222 W Huron.....Superior 833
Pyrofoam Co The, 126 N Union.....Haymarket 66

Fire Extinguishers (1 quart chemical) Approved.
Justrite Manufacturing Co, 2062 SouthprtDiversey 2114

Fire Extinguishers, Fire Buckets.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Fireproof Building Materials.
General Fireproofing Co The, 325 W Madison .....Franklin 5374

Fireproof Doors & Windows.
Reliance Fireproof Door Co, (M R Duffy) 189 W Madison .....Franklin 1779

Fireproof Stairs.
Aetna Iron & Wire Company, 119-123 N Sheldon .....Haymarket 1877

Fireworks.
Thearle-Duffield Fireworks Display Co, 36 S State.....Randolph 1621

Fire Works Mnfrs. Displays for Celebrations, etc.
North American Fire Works Co, 220 S State .....Harrison 666

Fish.
Boak R B & Co, 342 N Lasalle.....Main 4996
Lake Superior Fish Co, 546 Fulton .....Main 3828

CHICAGO—continued

Fish Dealers, Hotels & Restaurants Supplied.
Sloan Geo S & Sons, 62 W South Water..Central 1511

Fittings.
Kelly & Jones Co, 157 N Clark .....Central 1327

Fittings: Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 122 S Michigan bl .....Harrison 6863

Fittings: Cast Iron Flange.
American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

Fittings, Iron Pipe, Screwed & Flanged.
Limbert Geo B & Co, 558-570 Fulton.....Main 3984

Fixtures Bank Store and Office.
Schick Johnson Company, 1737-45 N Paulina .....Haymarket 3957

Flag Poles.
Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

Flags.
Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

Flags, Badges & Pennants.
Lauterer Geo Co, 222 W Madison.....Main 4728

Flags and Banners (Manufacturers).
American Flag Co, 54-56 W Lake.....Central 212

Flags & Decorations.
Old Glory Mfg Co, 26 S Wells .....Franklin 5030

Flashers for Electric Signs.
Reynolds Electric Flasher Mfg Co, 422 S Talman av .....West 35

Flat Irons, Electric.
Lincoln Electric Works (R J Morgan), Heyworth bldg .....Randolph 4142

Flat Slab—Reinforced Concrete Floors.
Barton Spider Web System, Kimball bldg.Wabash 2188

Flood Light Projectors.
Harter Mfg Co, 522 S Clinton.....Harrison 2436

Floor Drains.
Central Foundry Company The (Lynn), 332 S Michigan av.....Harrison 2181
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Floor Surfacing Machines—Mnfrs.
Schlueter M L, 225 W Illinois.....Main 2349

Flooring, Composition.
Muller Franklyn & Co (Genuine "Asbestone" Sanitary Fireproof Composition Flooring) 8 S Dearborn .....Randolph 798

Floors, Acid Proof.
Fulton Asphalt Co, Monadnock blk....Harrison 7114

Floors, Asphalt.
Fulton Asphalt Co, Monadnock blk....Harrison 7114

Floors, Hardwood, Surfacing, Finishing, Hand or Machine.
Rolfe Floor Co, 329 Plymouth ct.....Wabash 4932

Floors, Mastic, Acid Alkaline, Water & Wearproof.
Wearcrete Engineering Co, Rezilite, Peoples Gas bldg .....Harrison 2223

Florists.
Fleischman Floral Co, 84 E Jackson bl...Harrison 3341
Friedman, Congress Hotel .....Harrison 353
Lange A, 25 E Madison.....Central 3777

Florists Glass Cleaners, Daylight.
Andersen Specialty Co, 6 E Lake.....Central 630

Florists' Store Fixtures and Refrigerators, Mnfrs.
Buchbinder Bros, 518-520 Milwaukee av..Monroe 5616

Florists Supplies.
Randall A L Company, 180 N Wabash av..Central 7720

Flour Mill Machinery.
Gump B F Co, 431-437 S Clinton.....Wabash 965

Flour, Stock Feed & Cereal Mill Machinery.
Noth George J, 9 S Clinton.....Franklin 3949

Flower Baskets.
Borcze Flower Basket Co, 1841 Milwaukee av .....Armitage 3368

Flower Boxes, Mnfrs.
Chicago Curtain Stretcher Co, 3725 Wall..Yards 4349
Savo Manufacturing Co, 39 S LaSalle...Central 2410

Flushing Valves.
Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545

Fly Wheels.
Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Pyott Foundry Co, 328 N Sangamon.....Monroe 296

Folding Boxes.
Chicago Label & Box Co The, 812 N May..Monroe 5094

Folding Boxes—Paper.
Imperial Box Co, 1403 W Congress..Haymarket 5900
Pinkerton Folding Box Co, 900 W Lake...Monroe 1769
Sefton Manufacturing Corporation, 1300 W 35th .....Yards 1403
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Foreign Freight Forwarders.
Gallagher & Ascher, 112 W Adams.....Randolph 1466

Forge Works.
Chicago Iron & Steel Co, 783 Fulton.....Monroe 3612

Forged Set Screws.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Forgings.
Atlas Forgings Co, 2515 S Artesian av....Canal 982
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av .....Hyde Park 6509
Finkl A & Sons Co, 1326 Cortland.....Diversey 2600
Fruin Drop Forge Co, Root & Stewart av...Yards 2900
Standard Spiral Pipe Works, 4800 S Maplewood av .....Drover 8316
Sundberg Company, Kinzie & Carpenter....Monroe 573
Williams, White & Company, Monadnock blk .....Harrison 390

Forgings, Drop.
Whitman & Barnes Mfg Co The, 1000 W 120th .....Pullman 215

Forgings: Iron & Steel.
American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

Forgings, Welding and Case Hardening.
Larson Charles E, 111 N Desplaines.....Monroe 3937

Form Letters.
Buckley, Dement & Co, 632 Sherman..Harrison 850
Ideal Letter Service, 530 S Dearborn....Harrison 6535
Kuhl & Bent Co, 732 Sherman.....Wabash 2375
Von Weller-Lyon Company The, 180 N Market .....Franklin 324

Forwarding Agents.
Central Furniture Packing Co The, First Nat Bank bldg .....Central 5964
Gallagher & Ascher, 112 W Adams....Randolph 1466
Overseas Shipping Company, 327 S Lasalle .....Harrison 6896
Sheldon G W & Co, 220 S State.....Harrison 2285
Trans-Continental Freight Co, 203 S Dearborn .....Harrison 3467

Forwarding & Transfering—Domestic.
Pennoyer Merchants Transfer Co, 742-752 W Polk .....Monroe 6792
Stockton Jos Transfer Co, Rookery bldg..Wabash 3238

Foundations.
Glaver Joachim G, 80 E Jackson bl.....Wabash 8727

Foundries.
Central Foundry Company The, 332 S Michigan av .....Harrison 2181
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Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Milles C H Foundry Co, 2443-47 W 21st pl.Canal 5080

Foundries, Brass.
Amalgamated Metals Co, 2554 Fillmore...Seeley 884

Foundries, Gray Iron & Semi Steel.
Brady James A Foundry Co, 45th & Western bl .....McKinley 3080
Garden City Foundry Co, 3174 Archer av....Yards 66

Foundries, Semi Steel.
Francis & Nygren Foundry Co The, 2514-46 Fillmore .....Seeley 3824

Foundry Engineers.
Chase Frank D, 122 S Michigan av.....Harrison 719
Walter Company The, 38 S Dearborn..Randolph 93

Foundry Equipment.
Dyar Hugh W, 140 S Dearborn.....Central 306
Scully-Jones & Co, 80 E Jackson bl.....Harrison 112
Whiting Foundry Equipment Co, Harvey, Ill, P O.....Pullman 33 Harvey

Foundry Facings & Supplies
Obermayer S Co The, 2563 W 18th ....Lawndale 24

Foundry Flasks.
Sterling Wheelbarrow Company, 30 S Jefferson, (Factory Milwaukee, Wis)..Monroe 6
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Fountain Pen Mnfrs.
Barrett C E & Co, 538 S Clark.....Wabash 35

Fountains, Portable Electric.
Randall A L Company, 180 N Wabash av..Central 77

Freight Contractors.
Anglo-Oriental Shipping Co Inc, 209 S LaSalle .....Harrison 74
Overseas Shipping Company, 327 S Lasalle .....Harrison 6

Freight Elevators.
Prince Elevator Co, 231-233 W Grand av.Superior 1

Freight Forwarders, Foreign and Domestic.
Trans-Continental Freight Co, 203 S Dearborn .....Harrison 3

Friction Clutch Couplings.
Schultz A L & Son, 1677 Elston av.....Monroe 1

Friction Clutch Pulleys.
Schultz A L & Son, 1677 Elston av.....Monroe 1

Friction Clutch Pulleys & Couplings.
Chicago Pulley & Shafting Co, 40 S Clinton.Main 1876

Friction Clutches.
Moore-Master Mfg Co, 320 W Grand av..Superior 6594
Schultz A L & Son, 1677 Elston av.....Monroe 1629

Fur Dealers.
Klauber S I & Co, 32 S Wabash av.....Randolph 1745

Fur Skin Dressers & Dyers.
Wertheimer & Co, 2800-08 Diversey bl.Humboldt 7876

Furriers.
Elliott Fur Co, 32 S Wabash av.....Randolph 4499
May Otto R, Masonic Temple State & Randolph .....Central 6049
Perlson I, 36 S State.....Central 3038

Furnaces
Chicago Down Draft Furnace Co, 115-117 S Clinton .....Franklin 4450

Furnaces, Annealing Forging & Heat Treating.
Chicago Flexible Shaft Co, 5600 W 12th.Austin 1900
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

Furnaces (Oil&Gas) Annealing, Forging&Heat Treating.
American Shop Equipment Co, 332 S Michigan av .....Harrison 541

Furnaces,Combination Heaters, Hot Water & Warm Air.
Piper L B & Co, 1258 Wrightwood av.. Lincoln 4123

Furnaces—Electric, Laboratory & Industrial.
Hoskins Mfg Co, 10 S LaSalle.....Franklin 2074

Furnaces for Low Grade Fuels & Wastes.
Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

Furnaces, Industrial, Gas & Oil.
Chicago Flexible Shaft Co, 5600 W 12th..Austin 1900

Furnaces, Melting.
Schwartz Edward H, 140 S Dearborn:...Majestic 8269

Furnaces, Metallurgical.
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

Furnaces, Oil, for Forging, Heat Treating, Etc.
Railway Materials Co The, Railway Exchange bldg .....Harrison 809

Furnaces—One Register pipeless Furnaces.
Standard School Heater Co, 438 W Ontario .....Superior 8428

Furnaces, Open Hearth.
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

Furnaces, Rolling Mill.
Hofmann Engineering Co, 557-559 W Quincy .....Franklin 931
See our Catalog Space, page 957

Furnaces, Smokeless for Steam Boilers.
McMillan James & Co, 114 Clarkson ct...Garfield 8722

Furnaces, Tinners and Plumbers.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Furnaces—Warm Air.
Smith V A Company, 236 W Lake.....Main 2971

Furniture.
Richardson O W & Co, Wabash av and Congress .....Harrison 6931

Furniture (Mnfrs.).
Toms-Price Co The, 521 S Wabash av...Harrison 1610

Furniture (Mnfrs. Caned & Upholstered Furniture).
Chicago Mission Furniture Co (Also Mnfrs of Library Tables, Desks etc), 1919-1929 Clybourn av.....Lincoln 94

Furniture (Mfrs.—Specialties in Quantities).
Churchill Cabinet Co, 2119 Churchill..Humboldt 1913

Furniture (New & Second Hand).
Bryant C A, 711-18 E 63d.....Wentworth 3807

Furniture (Office).
Stevens Maloney & Co, 21 S Lasalle.....Central 3186

Furniture (Reed & Willow).
Randall A L Company, 180 N Wabash av..Central 7720

Furniture (Reproductions & Carvings to Design).
Fiorentine Special Furniture Co, 227-233 W Huron .....Superior 7062

Furniture (School, Church, Lodge & Opera).
Stafford E H Mfg Co, 218 S Wabash av..Harrison 8196

Furniture (Second Hand).
Garfield Express & Storage Co The, 5908-16-18 S State.....Wentworth 1138

Furniture (Special Reproductions).
LaPierre Henry M Co, 1314 W 21st.....Canal 5137
See our Catalog Space, page 1026

Furniture & Fixtures.
Newton & Hoit Company The (For Hotels, Banks, Offices and Public Buildings), 1018 S Wabash av.....Harrison 5685

Furniture Movers, Packers & Shippers.
Central Furniture Packing Co The, First Nat Bank bldg .....Central 5964

Furniture Movers & Storage.
Drexel Storage & Transfer Co, 4837-9 Cottage Grove av.....Kenwood 2428

Furniture Packing, Storage & Shipping.
Livingston Warehouse & Van Co The, Superior 711
812-814 N Wells.....Superior 1133

Gages, Ammonia, Hydraulic Steam (all Pressures).
Dwyer F W (Bogardus Nelson Co, Rep), Monadnock blk .....Harrison 2547

Gages—Mnfrs.
Krasberg Mfg Co, 412-420 Orleans ....Franklin 5964
See our Catalog Space, page 1017
Krebs Mfg Co, 341-349 E Ohio.....Superior 8611

Gages, Tire Pressure.
Twitchell Gauge Co The, (Twitchell) 1516 S Wabash av .....Calumet 5730

Galvanizers.
Meaker Galvanizing Co, Fulton and Elizabeth sts .....Monroe 2049

Galvanizers (Dipping by Hot Process).
National Galvanizing Co, 1918-26 Carroll av.West 1419

Galvanizers (Hot Process).
McVoy Sheet & Tin Plate Co, 344-350 W Austin av .....Main 4864
Standard Galvanizing Co, 2619 W VanBuren.West 147

Galvanizing Equipments, Mnfrs.
Meaker Galvanizing Co, Fulton and Elizabeth sts .....Monroe 2049

Garage Builders, Metal.
Baker Edward J & Co, 10 S LaSalle.....Main 758

Garbage and Ash Cans.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Gas Engines & Machinery.
Power Equipment Co, Fisher bldg....Harrison 6616

Gas Fixture Parts.
Dallas A C & Son Inc, 228 N Jefferson..Franklin 5320

Gas Heaters, for Homes & Offices.
Hoeft & Company Inc (Palmer Pat) 400 N Ashland av.....Monroe 2461

Gas Mains.
Central Foundry Company The, 332 S Michigan av.....Harrison 2181
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Gas Mantles.
Peerless Light Co, 174 W Randolph.....Main 4640

Gaskets, Ammonia (All Systems).
Guillott Metal Gasket & Supply Co, 24-30 S Clinton .....Main 3003

Gaskets, Asbestos, Copper, Lead, etc.
Wilcox E A Mfg Co, 6330 Stony Island av .....Hyde Park 1012

Gaskets, Corrugated Copper & Lead.
Guillott Metal Gasket & Supply Co, 24-30 S Clinton .....Main 3003

Gaskets—Cylinder Head. Boiler & Hand Hole.
Guillott Metal Gasket & Supply Co, 24-30 S Clinton .....Main 3003

Gaskets, Cylinder Head, Metallic.
Victor Mfg & Gasket Co, 1966 S Troy..Lawndale 1649

Gaskets, Lead (Plain and Corrugated).
Guillott Metal Gasket & Supply Co, 24-30 S Clinton .....Main 3003

Gaskets, Metallic (All Metals).
Guillott Metal Gasket & Supply Co, 24-30 S Clinton .....Main 3003

Gasoline.
Union Petroleum Co, 44th and S Western bl .....Drover 8210

CHICAGO—continued

Gasoline Engines—New and Second Hand.
Wilson Machinery Co, 331 W 35th .....Yards 354

Gasoline Pressure Tanks.
Armstrong & Co, 544 Washington bl...Franklin 4338

Gear Hobbing Machines.
Barber-Colman Co, 26 S Jefferson ..Haymarket 4209

Gears.
Albaugh-Dover Co, 2100 Marshall bl..Rockwell 6800
Foote Bros Gear & Machine Co, 213 Curtis.Monroe 334
Ganschow William Co, W Washington bl and N Morgan.....Monroe 4561
Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Pyott Co, 955 Carroll av.....Haymarket 6336
Schultz A L & Son, 1677 Elston av.....Monroe 1629

Gears (Rawhide).
Chicago Rawhide Mfg Co The, 1301 ElstnMonroe 6760

Gears and Geared Transmissions.
James D O Mfg Co, 1120-1124 W Monroe.Monroe 5431

Gears & M & S Differentials.
Krom-nik Gear Co, 910 S Michigan av...Harrison 100

Gears, Small, Brass, Steel & Iron.
Yaxley Mnfg Co, 1103 W Monroe.....Monroe 2681

Gelatines, Pure Food.
Sethness Co, 718-724 N Curtis.....Monroe 6780

Generators & Dynamos Direct & Alternating Current.
Diehl Mfg Co, Edison bldg.....Central 5532

Generators & Motors Direct & Alternating Current.
Power Equipment Co, Fisher bldg....Harrison 6616

German Silver in Sheets.
Metal Products Co, 100 S Jefferson....Haymarket 7166

Ginger Ale.
Bostelmann D W Co, 2332-2338 Walnut....West 1996
Lomax Company The, Paulina and Kinzie..Monroe 2774
Manitou Mineral Water Company The (B G Earl Rep) 36 S State.....Central 8750
See our Adv., on Backbone and Catalog Space, page 980

Ginger Champagne.
Manitou Mineral Water Company The, (B G Earl, rep) 36 S State.....Central 8750
See our Adv., on Backbone and Catalog Space, page 980

Glass Blowers.
Doerr A E Glass Co, 721 Fulton.....Haymarket 100

Glass Cullet, Jobbers and Brokers.
Levy Max & Co, 845-865 Rees.....Diversey 2106

Glass Furniture Tops & Mirrors.
McNally Kast Glass Co The, 3330-32 S Wabash av.....Douglas 8379

Glass Furniture Tops, Mirrors, Plate Glass, Etc.
Chicago Mirror & Art Glass Co The, 216 N Clinton .....Franklin 5840

Glass Jars (Vacuum for Packers).
Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

Glass Tubes.
Advance Packing & Supply Co, 11 N Franklin .....Main 3761

Glass Tumblers (Vacuum for Packers).
Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

Glue Flexible & Liquid Mnfrs.
Williamson Glue & Gum Works, 220-222 W Huron .....Superior 8395

Glues, Flexible.
Monarch Paste Co, Fort Dearb bldg.....Central 4556

Glues, Liquid Stripping.
Western Paste & Gum Co, 2710 Throop ..Drover 3897

Gold Fish & Supplies—Wholesale & Retail.
Lake View Fishery, 3855 Southport av...Lakeview 991

Gold, Silver and Platinum Bought and Sold.
Cassriel Alexander Co, 128-132 S WabashCentral 3150

Grain Elevator Equipment.
Gump B F Co, 431-437 S Clinton.....Wabash 965

Grain Elevators, Engineers & Contractors.
Burrell W E, 29 S LaSalle.....Majestic 7454

Grain for Poultry Feed Mnfrs.
Rothschild Moses Co The, 140 W VanB..Harrison 7962

Grain & Seed Cleaners.
Huntley Mfg Co, 305 S LaSalle.....Wabash 4466

Graphite.
American Graphite Company, 38 S Dearborn .....Randolph 7933

Graphite Paint.
Detroit Graphite Co, Monadnock blk..Harrison 1074

Grass & Field Seeds.
Dickinson Albert Co The, 35th and California av .....McKinley 3000

Grate Bars.
Downey T F Boiler Works, 321-323 W Austin av .....Franklin 1949

Grates—Rocking, Shaking, Dumping.
Martin Grate Co, Fisher bldg.....Harrison 3101

Grates, Shaking.
McMillan James & Co (Peerless) 114 Clarkson ct .....Garfield 8722

Gravity Conveyors & Spiral Chutes for Boxed Mdse.
Minnesota Manufacturers Association, 549 W Washington.....Main 2605

Grease Cups.
Bowen Mfg Co, Otis bldg.....Franklin 3313
Gits Bros Mfg Co, 553 W Monroe.....Franklin 679
Winkley Company The, Otis bldg.....Franklin 3313

Greases.
Sullivan Oil Co, 418 N Wells.....Main 3612
Union Petroleum Co, 44th and S Western av bl.....Drover 8210

Greeting Cards (Engraved) Wedding, Social & Business.
Murray Engraving Co, 6152 S Wabash av.Normal 7627

Grey Iron Castings, Large & Small—to 30 ton.
Ferguson & Lange Foundry Co, Clybourn av and Willow .....Lincoln 74

Grille Work.
Artistic Grille Works, 3808 Normal av.....Yards 356

Grinding Machinery.
Wright David A, 568 W Washington bl...Franklin 5899

Grinding Machines.
Norton Company, 11 N Jefferson.....Franklin 1300
Sterling Grinding Wheel Co, 30 N Clinton..Main 2341

Grinding Machines (Chaser or Die).
Geometric Tool Co The, 545 W Washington bl .....Franklin 3835

Grinding Machines—Emery Wheels.
Partridge E O, 2039-2049 W Lake.....West 2039

Grinding Machines, Plain Universal & Internal.
Modern Tool Co (R H Wood Mgr) 32 N Clinton .....Main 2342

Grinding Mills (Attrition). Feed, Grain, Seeds, Etc.
Noth George J, 9 S Clinton.....Franklin 3949

Grinding Mills—For Animal, Vegetable, Mineral Materials
Stroud E H & Co, 928-934 Fullerton av.Diversey 4517

Grinding Wheels.
Norton Company, 11 N Jefferson.....Franklin 1300
Sterling Grinding Wheel Co, 30 N Clinton..Main 2341

Grocers Display Counters.
Sherer-Gillett Company, 1705-1709 S Clark .....Calumet 145

Grocers, Wholesale.
Paver J M Co The, 130 N Wells.....Main 94

Grocers, Wholesale—Fancy Only, Cheese Etc.
Neumeister John G Co, 156-158 W KinzieFranklin 45

Grounding Appliances.
Arrow Conductor & Mfg Co, 1536 W Adams .....Monroe 300

Guards, Safety for Punch Presses, Sheers & Hammers
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 107

Gummed Cloth and Paper Sealing Tape.
Chicago Gum Tape Co, 187 N Dearborn.Randolph 364
Mid States Gummed Paper Co, 312-316 Union Park ct.....Haymarket

Gummed Label Paper.
Moser Paper Co, 621-631 Plymouth ct..Wabash 27

Gummed Labels.
Willson H H & Co, 501 S Dearborn.....Harrison 21

Gummed Paper Tape and Sealing Machines.
Metal Specialties Mfg Co, 338-352 N Kedzie av .....Garfield 4

Gummed Tape & Moistenin Machines.
National Binding Machine Co, 30 N LaSalle .....Franklin 19

Gums—Arabic, Tragacanth Shellac, Etc.
Barrett M L & Co, 238 W Lake.....Main

Gums & Waxes.
Innis Speiden & Co, 120 W Kinzie...Franklin 1

Gymnasium Apparatus.
Narragansett Machine Co, Monadnock blk .....Harrison 1598

Hack Saw Blades, Mnfrs.
Swett Frank W & Son, 1716-18 W Adams...West 2508

Hack Saw Machines.
Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004.

Hair Cloth Mnfrs.
Western Haircloth Co, 3107-3111 Robinson .....McKinley 6192

Hair for Brushes, Hair Cloth, Curled Hair.
Horwich Vitkin Co The, 2301-33 S Paulina.Canal 5800
Porter W J, 4166 Wallace.....Yards 1631

Hair Goods (Human).
Strehl William R, 5 S Wabash av .....Central 3327

Hair Goods, Wholesale.
Chicago Human Hair Co, 179 N Wells....Main 3990
Gibbs & Co, 7-9-11-13 E Jackson bl....Harrison 5891

Hair Nets.
Hartmann Bros Inc, 180 N Wells.....Franklin 5058

Half Tone Engravers.
Barnett Jos H & Co, 508 S Dearborn....Harrison 1389

Halftones.
Hawtin Engraving Co The, 19 S Wells...Main 4103

Hand Tools—Riveting Bridge Bldrs. Boiler Makers
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

Handle Makers, Wooden.
Borgeson C E, 4555 Ravenswood av...Ravenswood 9814

Handles, Special Wood.
LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026

Handwriting Experts.
Ewell Marshall D, 155 N Clark.....Central 2225
Rounds H A, 64 W Randolph.....Central 4758

Hangers (Ball & Roller Bearing & Babbitted).
Chicago Pulley & Shafting Co, 40 S Clinton.Main 1876

Hangers, Pulleys and Shafting.
Passman, Bros, 30 S Green.....Monroe 6960
Pyott Co, 955 Carroll av.....Haymarket 6336

Hangers & Shafting.
Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

Hard Iron Castings.
Ferguson & Lange Foundry Co, Clybourn and Willow .....Lincoln 74

Hardware.
Glendon-Bowler Hardware Co, 1345-1347 S Wabash av.....Calumet 3271

Hardware—Brass & Bronze.
Imperial Brass Mfg Co, 1200 W Harrison.Haymkt 741

Hardware Heavy & Commercial Body & Vehicle Irons.
Hoef John C & Co, 157 W Illinois.....Main 1430

Hardware Manufacturers.
Payson Mfg Co The, 2920 W Jackson bl.Kedzie 988

Hardware Specialties.
Brownie Mfg Co, 548 W Lake.....Franklin 1282
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Saal H G Co, 1808-1810 Montrose av.Ravenswood 730
See our Catalog Space, page 941

Hardware Whol and Cutlery (Wholesale.)
Hibbard, Spencer, Bartlett & Co, (Also a Full Line of Sporting Goods, Paints, Harness, Auto Accessories and Electrical Goods) State Street Bridge...Central 842

Hardwood Floors.
Dunfee J & Co, 38 N Franklin.....Main 1894

Hardwood Lumber Manufacturers.
Dermott Land & Lumber Co, 28 E Jackson bl .....Harrison 4782

Hat Mnfrs—Panama Hats a Specialty.
A & W Panama Hat Works, 220 WOntarioSuperior 8598

Hatters' Supplies.
Heller L & Co, 223 W Jackson bl.....Wabash 653

Heating.
Hanley & Company, 5 N Lasalle.....Franklin 1855

Heating Appliances, Electric.
Lincoln Electric Works (R J Morgan), Heyworth bldg .....Randolph 4142

Heating Supplies.
Verbeek Harry Co, 175 W Jackson bl ..Harrison 217

Heating Systems—Vacuum.
McAlear Mfg Co The, 223 W Erie.....Superior 7746

Heating, Vacuum.
Illinois Engineering Company, Racine av at 21st .....Canal 6430

Heating & Ventilating.
Baker Edw J & Co, 10 S LaSalle.....Main 758

Hides & Skins.
Schmoll Fils & Co, 130 N Wells.....Franklin 780
Star Jules & Co, (Julius Marx, Representative) 130 N Wells.....Franklin 4226
Stern Jacob & Sons, 327 S LaSalle.....Harrison 6727

Hides & Tallow.
Horwich Vitkin Co The, 2301-33 S Paulina.Canal 5800

Hobs—Gear & Worm Wheel.
Barber-Colman Co, 26 S Jefferson ..Haymarket 4209

Hoisting Engines.
Moore Bros, 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

Hoisting Engines, Gasoline & Steam.
Louer W B Co, Old Colony bldg.....Harrison 7366

Hoisting Engines & Machinery.
Wilson Machinery Co, 831 W 35th .....Yards 354

Hoists.
Brown Hoisting Machinery Co The (J P Case), 208 S Lasalle.....Wabash 5963
Euclid Crane & Hoist Co The, (A Ryder Dyer, Agt) McCormick bldg.....Harrison 6545

Hoists (Electric).
Shepard Electric Crane & Hoist Co, Peoples Gas bldg.....Harrison 4805
See our Catalog Space, pages 937 and 959

Hoists, Chain, All Types including Trolley Hoists.
Chisholm-Moore Mfg Co The, Peoples Gas bldg .....Harrison 5506

Hoists & Derricks.
Clyde Iron Wks, 343 S Dearborn.....Harrison 875

Homeopathic Vials, Mnfrs.
Doerr A E Glass Co, 721 Fulton.....Haymarket 100

Hooks—Box, Basket, Meat, Boning & Hay.
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

Hose, Air Steam & Suction.
Louer W B Co, Old Colony bldg.....Harrison 7366

Hospital & Institution Supplies.
Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

Hospitals.
Illinois Post Graduate & Training Schools for Nurses (South Park Hospital) 546 Garfield av .....Lincoln 2155
See our Catalog Space, page 983

Hot Water Heating.
Graves Heating Co, 162 N Desplaines..Haymarket 2310

Hot Water & Steam Heating.
Kroeschell Bros Co, 440-472 W Erie...Superior 8680

Hotel China.
Burley & Co, 7 N Wabash av .....Central 3220

Hotel China, Glassware & Linens.
Cross-Wells Co The, 17-19 S Wabash av.Randolph 6188

Hotel Employment Brokers.
Brierly, Employment Broker, 106 N Lasalle .....Franklin 1683

Hotel Publications.
Hotel World The, 440 S Dearborn.....Harrison 2323

Hotel Ranges.
Traub Wm F Range Co, 231 W Superior.Superior 7670

Hotel Ranges and Cooking Equipment.
Stearnes Company The, 215 N Michigan av .....Randolph 4318

Hotel Supplies.
Maxim Manufacturing Co, 700 W 22d....Canal 4499

Hotels.
Grand Pacific Hotel, Jackson bl and Clark .....Wabash 2920
Hotel Atlantic, S Clark near Jackson bl.Wabash 2646
Hotel Planters, 19 N Clark, N of Madison .....Randolph 4800

Hotels (Residential).
Hyde Park Hotel, Hyde Pk bl & Lake Pk av .....Hyde Park 530

Hotels—Kitchen Equipment.
Simonds Range Co, 127 N Market.....Main 2138

House Movers & Raisers.
Crowe Bros, 133 W Washington.....Main 3158
Dobry Rudolph, 30 N Lasalle.....Main 1694
Friestedt, L P Co, Tribune bldg.....Randolph 296
Kwiatkoski Jos P, 2846-2900 W 26th....Lawndale 9922

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House Organs.
Cahill-Igoe Co, 117 W Harrison.....Wabash 2141

House Wreckers.
Gillette Lumber & Wrecking Co, 4824 S Halsted .....Yards 74

Household Goods, Aluminum & Enameled Ware.
Great Northern Mfg Co, 215 W Randolph.Franklin 5436

Human Hair Nets.
Hartmann Bros Inc, 130 N Wells.....Franklin 5058

Hydraulic & Special Machinery.
Elmes Charles F Engineering Works, Morgan sw cor Fulton.....Haymarket 696

Hydrogen.
Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

Ice Boxes.
Matot D A, 1538-1546 Montana.....Lincoln 2

Ice Cream Boxes.
Sefton Manufacturing Corporation, 1300 W 35th.....Yards 1403
See our Catalog Space, page 988

Ice Cream Cones & Ice Cream Sandwich Wafers.
Consolidated Wafer Co, 2622-24 Shields av .....Calumet 7360
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Tarbell Mfg Co, 225-229 W Illinois.....Franklin 3975

Ice Cream, Fruits, Flavors, Colors, Supplies.
Sethness Company, 718-724 N Curtis....Monroe 6780

Ice Handling Machinery.
Williams N H Engineering & Machinery Agency, 545 W Washington.....Franklin 627

Ice Machinery.
Kroeschell Bros Ice Machine Co, 460-472 W Erie .....Superior 8680

Ice Machinery, Water Distilling Systems.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
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Ice & Refrigerating Machine Mnfrs.
Carbondale Machine Co The, Manhattan bldg .....Harrison 5643

Ice and Refrigerating Machines and Plants.
Vilter Mfg Co The, Monadnock blk....Harrison 1627

Illustrated Letters.
Moreland Advertising Company The, 14 E Jackson bl .....Harrison 83
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Illustrators.
Goldschmidt Robert, 537 S Dearborn....Wabash 2119

Importers.
Cosmo Trading Co, Chamber of Commerce..Main 1065
Steinberg Norman L & Co, 14 E Jackson bl.Harrison 1147

Incinerators, Hospitals Sanitariums Municipalities.
Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

Indexers.
McNeill T O & Co, 601-607 S Dearborn.Harrison 5786
Wilder C O & Co, 443 S Dearborn.....Harrison 4375

Industrial Chemicals.
Innis Speiden & Co, 120 W Kinzie.....Franklin 1852

Industrial Lighting Fixtures.
Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 6161

Industrial Signals.
Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 6161

Ingots (Aluminum, Pure & Alloys).
United Smelting & Aluminum Co (Mnfrs U S A Virgin Metals) Monadnock blk....Harrison 6628
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Inks.
Kirk's Ink Co, 2316 W Harrison.....West 1122

Inks, Dry Powdered Form.
Finger R Co The, 2905-07 W Madison.Van Buren 2143

Inks, Marking & Stenciling.
Diagraph Stencil Machine Corp, 808 W Congress .....Monroe 4637
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Garvey's Inks & Brushes, B-B Shippers Supply Co, 17 E Lake.....Majestic 8342
Ideal Stencil Machine The (B-B Shipper Supply Co), 17 E Lake.....Majestic 8342
See our Catalog Space, page 1010.
United States Crayon Co (Not Inc), 2249 Lincoln av.....Lincoln 1298

Inserts—Concrete.
Star Expansion Bolt Co, 120 W Lake.....Main 2649

Inspection Bureaus.
American Bureau of Inspection & Tests The, Monadnock blk.....Harrison 7349
Flood Walter H, 3725 Langley av.....Douglas 2045
Hunt Robert W & Co, General Offices, Insurance Exchange .....Wabash 872

Insulating Materials.
Fleig L L & Co, 216 W Austin av....Franklin 2637
Redmanol Chemical Products Co The, 636 W 22nd .....Canal 6700

Insulation, Cold Storage.
Union Insulating Co, 20 W Jackson bl...Harrison 1848

Insurance.
Baylies Harry L, 80 E Jackson bl ....Harrison 2382
Lemay W G & Co Inc, 175 W Jackson bl ..Wabash 522
Rollins, Burdick & Hunter Co, 175 W Jackson bl .....Wabash 831

Insurance Companies' Compensation Liability.
Nordhem-Mersbach Co, 29 S Lasalle.....Central 8140

Interior Decorators.
Nelson W P Co, 614 S Michigan av.....Harrison 5073
Weber John J, 8 S Dearborn.....Randolph 4558

Interior Finishers (Wood).
Schweizer & West Mfg Co, 310-322 N Ada.Monroe 1839

Invalid Chair Dealers.
Marshall C E, 3449 Cottage Grove av..Douglas 3300

Inventions Developed.
King R D, Monadnock blk.....Wabash 4897

Inventions, Electrical, Developed & Perfected.
Illinois Testing Laboratories, 565 Washington bl .....Main 1904
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Investment Securities.
Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle.....Randolph 560

Iron (Scrap).
Briggs & Turnivas, 110 S Dearborn.....Randolph 1656

Iron (Wrought) Mnfrs.
Steel Supply Co The, 125 N Jefferson...Franklin 1184

Iron, Architectural & Ornamental.
Tyler W S Company The, McCormick bldg.Harrison 8860

Iron Boxes.
Baker Edw J & Co, 10 S LaSalle.....Main 758

Iron Erectors, Ornamental Iron Bronze Casements, Sash.
de Groot Cecil, Monadnock blk.....Harrison 6371

Iron Fence.
Smith F P Wire & Iron Works, 54 W Lake. .....Central 438

Iron Pipe Coils.
Rempe Co, Sacramento and Carroll avs...Kedzie 483

Iron Stairs.
Guaranty Iron & Wire Co, 2851 W Lake.Garfield 7259
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4928

Iron & Steel.
Federal Tool & Alloyed Steel Corporation, 217 N Desplaines.....Monroe 5306
Spear William H Company, First Nat Bank bldg .....Central 778
Stevens Chas G Co, Monroe & Jefferson....Main 2388

Iron & Steel (Bars).
American Car & Foundry Co, Railway Exch bldg .....Harrison 8300
Interstate Iron & Steel Co, 38 S Dearborn.Central 3264

Iron & Steel. (Galvanized Bars and Bands).
Standard Galvanizing Co, 2619 W VanBuren.West 147

Iron & Steel Merchants.
Dearborn Steel & Iron Co, 122 S Michigan av .....Harrison 125
Steel Sales Corp, 129 S Jefferson.....Franklin 428

Iron Store Fronts.
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 492

Iron, Structural & Architectural.
Duffin Iron Co, 4837-55 S Kedzie av.....McKinley 7

Iron and Wire Work.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 52
Chicago Wire, Iron & Brass Works The, 2340 Nelson .....Wellington 66
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Iron Work, Architectural & Ornamental.
Manton & Smith Co, 1709 W Austin av.Haymarket 61

Iron Work for Building.
Chicago Iron & Steel Co, 738 Fulton....Monroe 36
Holmes Pyott & Co, 159 N Jefferson.....Franklin 1

Iron Work, Ornamental, Fences, Gates, Railings
Schenk's Iron Works, 2002 Clybourn av.Lincoln 8

Iron Working Machinery.
Federal Machinery Sales Co, 12 N Jefferson.Monroe 4

Iron Works.
Acorn Wire & Iron Works, 5912-5918 Lowe av .....Normal 9
Gage Structural Steel Co, 3123-3141 S Hoyne av .....Drover 8
Holmes Pyott & Co, 159 N Jefferson.....Franklin 1
Smith F P Wire and Iron Works, 54 W Lake .....Central
Woodbridge Ornamental Iron Co, 400 W Erie .....Superior 4

Ironing Machines (Gas & Gasoline Heated).
American Ironing Machine Co, 168 N Michigan av .....Randolph 1064
Chicago Dryer Co, 624-630 S Wabash av .....Harrison 5774

Ironing Machines, Electric.
American Ironing Machine Co, 168 N Michigan av .....Randolph 1064

Ironing Machines Electric Gas & Gasoline Heated.
Apex Appliance Co, 3223-35 W 30th....Rockwell 2284

Ivory Substitutes.
Arlington Company (Ivory Py-ra-lin) 14 N Franklin .....Main 1932

Jacks, Ratchet, Geared, Pole, Pulling & Emergency.
Templeton Kenly & Co Ltd (Simplex Jacks) 1020 S Central av.....Austin 694

Jacks, Screw, Ratchet, Hydraulic, etc.
Duff Mfg Co The, (Worlds Largest Jack Mnfrs) Peoples Gas bldg.....Harrison 820

Janitors & Porters' Supplies.
Wilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

Janitors' Supplies.
American Standard Mfg Co, 2268 Archer av.Calumet 3965

Japanese Merchandise Importers.
Inubush, Hikida & Co, 164-166 W Washington .....Franklin 4210

Japanners.
General Japanning Co, 220 W Huron....Superior 2212

Jewelers' Manufacturing—College Fraternity Badges.
Newman J F, 31 N State.....Central 1447

Jewelers, Wholesale.
Coleman & Co, 179 W Madison .....Franklin 4397
Shure N Co, 237-241 W Madison.....Main 3482

Jewelers, Wholesale, Mens.
Keller L & Co, 223 W Jackson bl.....Wabash 653

Jewelry Plating & Finishing.
Albertson & Son, 5 S Wabash av.....Central 2871

Justices of the Peace.
Barr Geo W, 172 W Washington.....Franklin 4444
Maywood office, 5th av and St Charles .....Maywood 1413

Kerosene.
Keystone Oil & Mfg Co The, 111 N Market. Main 1596

Kettles, Cast Iron, Special Iron, Large & Small.
Ferguson & Lange Foundry Co, Clybourn av and Willow .....Lincoln 74

Kitchen Equipment.
Marim Manufacturing Co, 700 W 22d....Canal 4499

Kitchen Equipment—Hotels and Institutions.
Barnes Company The, 215 N Michigan av .....Randolph 4318

Knife Manufacturers.
Goodworkers Tool Works, 230 S Clinton...Main 3804

Knit Goods.
Frenz Knit Goods Mfg Co, 1754 Belmont av .....Lake View 1307

Knitted & Cloth Underwear.
Superior Underwear Co The, 14 E Jackson.Wabash 2541

Kodaks Sold or Exchanged.
Central Camera Co (Send for our Catalog) 124 S Wabash av.....Central 5963

Labeling Machine Gums.
Western Paste & Gum Co, 2710 Throop..Drover 3897

Labeling Machinery for Bottles, Jars, etc.
Economic Machinery Co, (N Savaria) Monadnock blk .....Harrison 6266

Labeling Paste for Tin.
Western Paste & Gum Co, 2710 Throop..Drover 3897

Labels.
Chicago Label & Box Co The, 312 N May.Monroe 5094
Kirby-Cogeshall Co, 732 Federal.....Harrison 2440
National Binding Machine Co, 30 N LaSalle .....Franklin 1954
Randolph Box & Label Co, 848 W VanBurenMonroe 1677
Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505
Shuman Frank G Co The, (Gummed, Pads, in Rolls, Embossed, Etc) 168 N Mich. Randolph 2953
Willson H H Co, 501 S Dearborn.....Harrison 2129

Labels—Gummed, Embossed, Metal.
Stanley Manufacturing Co The (Geo S Fulrath, Agt), Palmer House.....Central 4710

Labels—Gummed & Stickers.
Kirby-Cogeshall Co, 123 W Madison....Randolph 2100

Labels, Lithographed & Embossed Seals.
Rindell Chas A, 326 W Madison.....Franklin 5795

Labels (Roll) Mnfrs.
Dorsey A E Label Co, 732 Federal....Wabash 2421

Labels & Stickers (Gold, Colors, Plain, Embossed, Gum'd).
Tablet & Ticket Co The, 624 W Adams. Haymarket 3883

Labels—Woven & Printed, For Wearing Apparel.
Freeman Leon, 404 S Wells.....Harrison 7158

Labels, Woven—Silk & Cotton.
Universal Label Weaving Co, 209 S State. Wabash 3498

Laboratory Apparatus.
Chicago Surgical & Electrical Co, 314-324 W Superior.....Superior 6399

Laboratory Apparatus & Supplies.
Central Scientific Co, 460 E Ohio.....Superior 7920

Laboratory Apparatus, Water Stills.
Jewell Polar Co, 24 to 30 S Clinton....Franklin 5545
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Laboratory Furniture.
Kewaunee Mfg Co, 460 E Ohio.....Superior 624
Peterson Leonard & Co, 1234-1248 Fullerton av .....Lincoln 7381

Laboratory Supplies.
Daigger A & Co, 54 W Kinzie.....Central 6032
See our Catalog Space, page 931.

Lace Curtains on Rollers & Curtain Rods.
Weinberg Julius, 1459-61 Milwaukee av .....Humboldt 1083

Lace Leather.
Chicago Rawhide Mfg Co The, 1301 Elston av .....Monroe 6760
Kempe H F & Co, 565 Washington bl....Franklin 4959

Lacquers.
Barrett M L & Co, 283 W Lake.....Main 11

Ladders.
United States Ladder Co, Otis Bldg....Franklin 1448

Ladders, Clear Spruce, Step Extension & Trestle.
Wilson Ludwig Brush & Supply Co, 455 S Clark.....Harrison 6337

Lag Screws.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Lamp Black & Blacks of all Varieties.
Martin L Co The, (E H Haines), Ashland blk .....Central 2545

Lamp Colorings (Incandescent).
Franche C E & Co, 440 Orleans.....Main 4251

Lamps, Book Rests & Carved Novelties.
Kopriwa E Co (Mnfrs Highest Grade Solid Mahogany and Gold), 2220 Ward....Lincoln 2726

Lamps—Electric, Carved Wood—Mnfrs.
Hartmann-Malcom Co, 847-857 N Troy..Garfield 776

Lamps, Electric, Wood. Floor & Table.
Eagle Wood Turning Co, 338 S Clinton..Wabash 4120

Lamps—Gasoline & Kerosene Systems.
Doud Lighting Co, 164-168 N Sangamon...Monroe 5737

Lamps & Lighting Systems—Kerosene & Gasoline.
Nagel-Chase Mfg Co The, 266-70 E Erie..Superior 6056

Land Surveyors.
Silander A I, 30 N Lasalle.....Franklin 2716

Landscape Architects.
Koenig Edward J, 110 S Dearborn.....Central 6509

Landscape Architects & City Planners.
American Park Builders, Marquette bldg. Randolph 2525

Landscape Engineers.
Gage Benj E, 30 N Lasalle.....Franklin 2716

Lantern Slides.
Chicago Transparency Co, 143 N Dearborn.Central 5424

Lathe Sets—Wood and Metal.
Partridge E O, 2039-2049 W Lake.....West 2039

Lathes.
Fulton Machine Tool Co, 1438 W Randolph .....Haymarket 2883
Wright David A, 568 W Washington bl..Franklin 5899

Laundries, All Shirts Ironed By Hand.
Olson's Hand Laundry Co, (Express Work Solicited) 1529-1531 N Wells.....Lincoln 2165

Laundry, Dry Cleaning & Garment Dyeing Mchy.
Mateer F W & Co, 226-232 W Ontario..Superior 6115

CHICAGO—continued

Laundry Dryers & Equipts. (For Res.Apts.Bldgs.Instns)
Chicago Dryer Co, 624-630 S Wabash av.Harrison 5774

Laundry Machinery.
Troy Laundry Machinery Co Ltd, LaSalle & 23d.....Calumet 227
See our Catalog Space, page 996.
United States Hoffman Machinery Co Inc, 352 W Van Buren.....Harrison 6870

Laundry Mchry, Residences, Small Hospitals & Hotels.
American Ironing Machine Co, 168 N Michigan av .....Randolph 1064

Laundry Room Outfits (Complete for Residences).
Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774

Laundry Supplies.
Stearne & Maley Co, 140 W Van Buren .....Harrison 4797

Laundry Tablets.
Farquhar-Moon Mfg Co, N R G Products, 140 W Van Buren.....Wabash 4072

Laundry Tubs.
Chicago Granitine Mfg Co, 3617 Wall...Drover 4193

Law Books.
Illinois Book Exchange, (New and Second Hand, Catalogues furnished) 202 S Clark .....Harrison 5406

Law, Mexican.
Kerr & Kerr, 19 S LaSalle.....Central 1550

Law Schools.
Chicago Kent College of Law, 116 S Michigan av.....Central 2492
Chicago Law School, 53 W Jackson bl..Wabash 5593
Marshall John Law School The, 35 N Dearborn .....Central 4669
Webster College of Law, 14 W Wash..Randolph 3338

Law Stenographers.
Devlin & Roberts, Conway bldg.....Randolph 4846
Walsh Edward J, Conway bldg.....Franklin 2188

Lawyers.
A'Brunswick Frank P, 160 W Jackson bl .....Wabash 1252
Bain, Foree & Cooke, Monadnock blk..Harrison 792
Brown Philip S, 136 S LaSalle.....Franklin 1555
Everett Coleman S, 3908 Cottage Grove av .....Kenwood 271
Fine Laurence M (Wray & Fine) (Practice in all State and Federal Courts. Reference: Greenebaum Sons Bank & Trust Co), Harris Trust bldg.....Central 8370
Maddock & Jaffe, 39 S LaSalle.....Randolph 1048
Potts Joshua R H, 8 S Dearborn.....Central 5560

Lead Dross & Skimmings.
Loraine Smelting & Refining Co, 25 N Dearborn .....Central 4668

Lead, Ingots Pig & Sheet.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Advertisement, page 32, First Page Opposite Section 1.

Lead, Pig.
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380

Lead and Tin Plating.
Doering C & Son Inc, 1375 W Lake....Monroe 921

Leather Advertising Novelties.
Kohl P J & Co, 230 W Huron.....Superior 5214

Leather, Automobile, Etc.
Eagle Ottawa Leather Co (Upholstery, Bag, Strap, Bookbinding, Flexible Splits), 228 W Lake .....Main 594

Leather Belting.
Alexander Bros, 9 S Clinton.....Franklin 4140
McCauley Belting Co, 412-420 Orleans.Franklin 643
Woodcock Bros, 165-167 N Jefferson.....Main 1805

Leather Bookbinding & Blank Book Mnfrs.
Molloy David J Co The, 633 Plymouth ct.Harrison 358

Leather Brief Cases, Portfolios, Spelts & Novelties.
Mashek Frank & Co, 1914-16 Milwaukee av .....Humboldt 772

Leather—Furniture & Automobile.
Pick Richard Mfg Co, 224 N Wells.....Main 1545

Leather Goods Mnfrs.
Shure N Co, 237-241 W Madison.....Main 3482

Leather Goods—Physicians.
Western Leather Mfg Co, 184-186-188 W Lake .....Main 232

Leather—Mnfrs. Upper Shoe Leathers.
Monarch Leather Co, Division and North Branch .....Diversey 2451

Legal Blanks.
Perfection Legal Blank Co, (Legal Blanks, Stock, Bond & Law Printing), 172 W Washington .....Franklin 4444

Letter Brokers.
Guild Company, 30 N Dearborn .....Central 6964
Hudson Letter Co, 9 S Clinton.....Franklin 5258

Letter Heads Engraved Steel Die Embossed.
Cole Lithographing Co, 3027 Wabash av...Calumet 6223

Letters, Advertising.
Imitation Typewriting & Addressing Co, 71 W Randolph.....Central 3333

Letters & Figures, Steel Mnfrs.
R & S Engraving & Die Works, 522 S Clinton .....Wabash 7571

Letters Illustrated.
Moreland Advertising Company The, 14 E Jackson bl.....Harrison 83
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Lighting.
National X-Ray Reflector Co, (Norman B Hickox, Sales Mgr), 235 W Jackson bl.....Wabash 2982

Lighting & Cooking Systems, Acetylene Generators.
Detmer Manufacturing Company, 2518-2520 Archer av .....Drover 2762

Lighting Fixture Mnfrs (All Kinds).
Luminous Unit Co (Brascolite), 19 S Wells.Main 2336
See our Catalog Space, page 968.

Lighting Fixtures.
Peerless Light Co, 174 W Randolph.....Main 4640

Lighting Fixtures, Electric for all Purposes.
Brascolite (Illinois Electric Co, Distributors), 314 W Madison.....Main 4450
See our Catalog Space, page 968.
Reflectolyte Co The (Freeman-Sweet Company, Distributors), 608 S Dearborn.Harrison 4191
See our Catalog Space, page 969

Lighting Fixtures (Composition) Electro Plated.
Schmidt Alvin A, 4447-4453 Ravenswood av .....Ravenswood 3134

Lighting Fixtures for all Purposes.
Brascolite (Monarch Electric & Wire Co, Distributors), N E corner Adams & Des Plaines.....Monroe 4949
See our Catalog Space, page 968.

Lighting Fixtures, Hand Hammered Antiques.
Johnson-Meier Co, 155-157 Wendell....Superior 5205

Lightning Conductors.
Arrow Conductor & Mfg Co, 1536 W Adams .....Monroe 3007

Lightning Rods.
Hillesheim Fred Chimney Construction Co, 434 Belden av.....Diversey 2721
Shinn W C Mfg Co, (Shinn-Flat Copper Cable Concealed System), Monadnock blk...Harrison 528

Lights, Portable Carbide.
Milburn Alexander Co The, Kimball bldg.Harrison 1809
See our Catalog Space, page 1024.

Lime.
Allwood Lime Company, 30 N Dearborn.Randolph 897
See our Catalog Space, page 970.
Chicago Union Lime Works Co, 1900 W 19th.Canal 388

Lime Polishing & Dairy.
Allwood Lime Company, 30 N Dearborn.Randolph 897
See our Catalog Space, page 970.

Linens for Hotels & Restaurants.
Cross-Wells Co The, 17-19 S Wabash av.Randolph 618

Linoleum, Liquid Compound Wear & Dustproof.
Wearcrete Engineering Co, Rezilite, Peoples Gas bldg.....Harrison 22

Linoleums.
Wood Guilford S, 20 W Jackson bl.....Harrison 29

Linoleums & Cork Carpets.
Richardson O W & Co, Wabash av and Congress .....Harrison 69

Linotype Composition.
Chicago Typesetting Co, 727 S Dearborn.Harrison 8
Smith-McCarthy Typesetting Co, 508 S Dearborn .....{Harrison 39 / {Automatic 51-2

Linotype & Monotype Composition.
Standard Typesetting Co, 701 S Lasalle .....Harrison 4 / Auto 54

Liquid Soap.
Robertson Theo B Products Co Inc, 700-704 W Division .....Diversey

Liquor Dealers Revenue Books.
McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash

Lithographers.
Edwards & Deutsch Lithographing Co, 2320-32 S Wabash av.....Calumet
Erie Lithographing & Printing Co, 168 N Michigan av.....Majestic
Goes Lithographing Co, 42 W 61st....Wentworth
Marquette Lithograph Co, 730-740 N Franklin .....Superior
Schmidt Theo A Litho Co, 1050 Fullerton av.Lincoln
Weber Lithographing Co, 426-432 S Clinton .....Harrison

Lithographers (Label and Folding Box.)
Chicago Label & Box Co The, 312 N May.Monroe

Lithographers, Offset.
Donnelley R R & Sons Co, 731 Plymouth ct. Harrison 350
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Lithographers Rollers.
Ideal Roller Co, 215 W Superior.....Superior 5025

Lithographing on Metal.
Phoenix-Hermetic Co, 2444 W 16th.....Canal 1704

Lithopone Mnfrs.
Midland Chemical Co, 80 E Jackson bl...Harrison 1472

Lockers.
Federal Steel Fixture Co, Security bldg..Franklin 4327

Lockers (Steel.)
Durand Steel Locker Co, 76 W Monroe..Central 6302
Hart & Hutchinson Co The, Peoples Gas bldg .....Harrison 1742
Narragansett Machine Co, Monadnock blk. Harrison 1598

Lockers—Steel & Wire for Clothes.
Smith F P Wire & Iron Works, 54 W Lake..Central 438

Locks for Ford Cars.
Security Auto Lock Co, 410 N Paulina..Monroe 1686

Locks, Mnfrs.
Chicago Cabinet Lock Co, 1852 Otto near Ravenswood .....Wellington 6884

Locks, Mnfrs. (Automobile Door & Switch Locks).
Chicago Cabinet Lock Co, 1852 Otto near Ravenswood .....Wellington 6884

Locks, Mnfrs. (Specialty & Cabinet Locks).
Chicago Cabinet Lock Co, 1852 Otto near Ravenswood .....Wellington 6884

Locomotive Arch Brick.
Universal Arch Company, 80 E Jackson bl. Harrison 2248

Locomotive Cranes.
Marsh-Bothe Machinery Co, 87 W Van Buren .....Harrison 2746
Marsh George O & Co, 37 W Van Buren..Harrison 5799
Moore Bros, 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

Locomotives.
Moore Bros, 39 S Lasalle.....Majestic 7396
Shaw Willis, 80 E Jackson bl.....Harrison 22

Locomotives—Contractors' Dinkies.
Marsh-Bothe Machinery Co, 87 W Van Buren .....Harrison 2746

Locomotives—Electric.
Goodman Mfg Co, 4834 S Halsted.....Yards 1774

Lodge & Pulpit Furniture.
Safford E H Mfg Co, 218 S Wabash av..Harrison 8196

Loose Leaf.
American Loose Leaf Mfg Co, 121 N Green. Monroe 3548
Duffield Loose Leaf Co Inc, 2721 W Madison .....West 564
Farwell O J Co, The, 626 S Clark.....Harrison 564
Evens Maloney & Co, 21 S Lasalle.....Central 3186
Longwall Co The, 2954 Sheffield av...Graceland 7171
See our Catalog Space, page 972.
Universal Ledger & File Co, 313 S Clinton .....Harrison 3748
Wilson-Jones Loose Leaf Co, 3021 Carroll av .....Kedzie 3502

Loose Leaf Accountants' Forms, Binders, Etc.
McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

Loose Leaf and Blank Books.
Byd W G Co, 626 S Clark.....Wabash 2446

Loose Leaf Book & Key Rings.
Adams Henry T Mfg Co, 6796 S Chicago av.....Wentworth 1790

Loose Leaf Devices—Mnfrs. Metal Parts.
Plew & Motter Dept of The Workman Manufacturing Co, 1200 W Monroe.....Monroe 6221
Triple S Machine Co. The, 1013 Wellington .....Graceland 6108

Loose Leaf Ledgers (Gravity Lock).
McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

Lubricants Cutting.
International Lubricants Co Lmtd "Accrus", 350 N Clark.....Franklin 2646

Lubricating Devices—Mnfrs.
Nugent Wm W & Co, 146-148 W Superior Superior 3309

Lubricating Devices, Solid Lubricants.
Swain Lubricator Co, 443 W 37th.....Drover 6291

Lubricating Oils & Greases.
Sullivan Oil Co, 413 N Wells.....Main 3612

Lubricators, Mechanical—Mfrs.
Nugent Wm W & Co, 146-148 W Superior. Superior 3309

Lumber.
Burns John E Lumber Co, 700 W Chgo av. Monroe 211
Marsh & Truman Lumber Co, 332 S Michigan av .....Harrison 6491
Stillwell Lumber Co, 332 S Michigan av..Harrison 3988

Lumber—Cypress, Red & Yellow.
Spear William H Company, First Nat Bank bldg. .....Central 778

Lumber for Pattern Makers.
Wilcox Wilton E Lumber Co, Monadnock blk.....Harrison 2046

Lumber, Hardwood.
Leach L D & Co, 343 S Dearborn.....Harrison 7880
Monarch Lumber Co, 53 W Jackson bl..Harrison 1840

Lumber New & Used.
Gillette Lumber & Wrecking Co, 4824 S Halsted .....Yards 74

Lumber, Used.
Bosley Bros Inc, Robey & Carroll av.....Seeley 4325

Lumber, Wholesale.
Coast Lumber Co The, 80 E Jackson bl..Harrison 7811
Deeves Griffen H Lumber Co, 80 E Jackson bl .....Harrison 4009

Lumber, Wholesale & Retail.
Thornton-Claney Lumber Co, 2315 Elston av .....Humboldt 383

Lunch Room Coffee Urns & Ranges.
Traub Wm F Range Co, 231 W Superior. Superior 7670

Machine Bolts.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Machine Guards, Belt Gear & Punch Press.
Gordon R E, 2147-49 W Lake.....West 4875
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Machine Tool Vises.
Plunket J E (Drill Press, Shaper & Milling Machine), 1342 W Lake.....Monroe 4809

Machine Tools.
Federal Machinery Sales Co, 12 N Jefferson Monroe 4661
Fulton Machine Tool Co, 1135 W Randolph .....Haymarket 2883
Pierce Machine Tool Co, 617 W Jackson. Haymkt 2715

Machine Tools—New Rebuilt.
Federal Machinery Sales Co, 12 N Jefferson Monroe 4661

Machinery.
Ellis R E Engineering Co, 621 Washington bl.....Haymarket 2407
Federal Machinery Sales Co, 12 N Jefferson Monroe 4661
Pierce Machine Tool Co, 617 W Jackson. Haymkt 2715
Stocker-Rumely-Wachs Co, 117 N Jefferson. Main 1833
Strand N A & Co, 625 W Jackson bl.....Monroe 6120
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200
Wright David A, 568 W Washington bl...Franklin 5899

Machinery, Automatic Special & Tool Designer.
Korach Louis L, Monadnock blk.....Harrison 5459

Machinery, Boilers and Engines—Second Hand.
American Machinery & Boiler Co, 1749 N Kenton av.....Belmont 1776

Machinery, Bulldozers.
Williams, White & Company, Monadnock blk .....Harrison 390

Machinery, Contractors, New & Rebuilt.
Louer W B Co, Old Colony bldg.....Harrison 7366

Machinery, Flour Mill, New & Rebuilt.
Gump B F Co, 431-437 S Clinton.....Wabash 965

Machinery, For Forging, Rolling & Bending.
Williams, White & Company, Monadnock blk .....Harrison 390

Machinery Guards.
Aetna Iron & Wire Company, 119-123 N Sheldon .....Haymarket 1877

Machinery—Hammers, Power & Drop.
Williams, White & Company, Monadnock blk.....Harrison 390

Machinery, Light, Special.
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073

Machinery, Metal Working.
Federal Machinery Sales Co, 12 N Jefferson. Monroe 4661
Ryerson Joseph T & Son, 16th and Rockwell and Railway Exch bldg .....Lawndale 1

Machinery Moved, Hoisted, Erected.
Gibbons W J Teaming & Rigging Co, 317-319 W Huron.....Superior 890
Mandelbaum J, 125 S Wells.....Main 4061

Machinery, New and Second Hand.
Molitor Chas Machinery Co, 118-124 S Clinton .....Main 4540
Passman Bros, 30 S Green.....Monroe 6960
Pfannmueller Engineering Co, First Nat Bank bldg.....Randolph 16
Wilson Machinery Co, 331 W 35th.....Yards 354

Machinery, Punching & Shearing.
Williams, White & Company, Monadnock blk.....Harrison 390

Machinery Repairing of All Kinds.
Adapt Machinery Co, 1624-1632 S Wabash av. .....Calumet 946
Illinois Engineering & Machinery Co, 222-224 N Clinton.....Franklin 1008

CHICAGO—continued

Machinery—Second Hand.
Moore Bros, 39 S Lasalle.....Majestic 7396

Machinery, Special.
Blomfeldt & Rapp Co, 108-128 N Jefferson.Monroe 3981
Excelsior Die & Tool Works, 625 W Jackson bl.....Monroe 5798

Machinery, Special & Automatic.
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

Machinery—Special Designers.
Libby, Parrish & Huls, 327 S LaSalle....Harrison 384
See our Catalog Space, page 946.

Machinery, Special Designers & Engineers.
Kux Albert S, 127 N Dearborn.....Randolph 5693

Machinery, Special—Designers and Mnfrs.
Advance Tool Works, 2300 Warren av.....Seeley 2928
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017.
Krebs Mfg Co, 341-349 E Ohio .....Superior 8611
Lundquist Hans Machine Works, 233 W Schiller .....Superior 301
Malm & Stahl Tool Wks, 561 Washington bl.Main 4953
Moore & Company, 301 W Grand av.....Superior 1819
Saal H G Co, 1808-1810 Montrose av.Ravenswood 730
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Thompson & Bremer, 850 S Canal.....Wabash 6764

Machinery, Turret.
Pierce Machine Tool Co, 617 W Jackson bl. .....Haymarket 2715

Machinery "Used".
Wright David A, 568 W Washington bl..Franklin 5899

Machinery, Wire Mill, Complete Plants.
American Industrial Engineering Co, Monadnock blk.....Harrison 2380

Machinery, Wood Working.
American Wood Working Machinery Co, 565 W Washington bl .....Franklin 3664
Chicago Machinery Exch, 1219-27 Washington bl.....Monroe 5188
Illinois Engineering & Machinery Co, 222-224 N Clinton.....Franklin 1008

Machines, Screw.
Pierce Machine Tool Co, 617 W Jacksn.Haymarket 2715

Machines, Wrapping.
Pierce Wrapping Machine Co, 617 W Jackson bl .....Monroe 6636

Machinists.
Adapt Machinery Co, 1624-1632 S Wabash av. .....Calumet 946
Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Alemite Metals Co, 341-351 W Chgo av..Superior 6016
See our Catalog Space, page 940.
Central Machine Co, 3615 S Ashland av..McKinley 330
Jones W A Foundry & Machine Co, 4403 W 12th .....Lawndale 5040
Redington F B Co, 112-114 S Sangamon.Haymkt 681
Schroeder Bros, 616-620 W Monroe...Haymarket 5541
Schultz A L & Son, 1677 Elston av.....Monroe 1629
Signalite Manufacturing Co, 522 S Clntn.Harrison 7763
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Tarrant Robert, 323-329 W Illinois.....Main 1084

Machinists, Designers & Builders of Dies & Tools.
Industrial Products Co, 334 N Irving av.....West 3528

Magazines.
Golfers Magazine Co The, 53 W Jackson bl .....Harrison 2520

Mail Advertising.
Moreland Advertising Company The, 14 E Jackson bl.....Harrison 83
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Mailing Cases for Liquids.
Western Box Co, 326 River.....Central 2081

Mailing Lists.
A-1 List & Addressing Co, 608 S Dearborn .....Harrison 8514
Buckley, Dement & Co, 632 Sherman..Harrison 850
Guild Company, 30 N Dearborn.....Central 6964
Imitation Typewriting & Addressing Co, 71 W Randolph.....Central 3333
Kuhl & Bent Co, 732 Sherman.....Wabash 2375
Polk R L & Co, 536 S Clark.....Wabash 2478
Trade Circular Addressing Co, 166 W Adams .....Franklin 1182
Twentieth Century Mailing Service, 155 W Kinzie .....Franklin 104
VonWeller-Lyon Company The, 180 N MktFranklin 324

Mailing Machines.
Mail-O-Meter Sales Company, 39 S Lasalle.Randolph 1673

Mailing Tubes.
Kroeck Paper Box Co, 220 Institute pl...Superior 7847
Ritchie W C & Co, 412 S Green.....Haymarket 4102
See our Catalog Space, page 987.

Mailing Tubes—Paper (For Adv. Matter).
Chicago Mailing Tube Co, 435 S Hoyne av..West 1

Mailing Wrappers.
Pull The String Mailing Wrapper Co, 226-228 W Superior.....Superior 3866

Mallets (Rawhide.)
Chicago Rawhide Mfg Co The, 1301 ElstonMonroe 6760

Manganese Steel Castings.
American Manganese Steel Company, 332 S Michigan av .....Harrison 7989

Manhole Frames & Covers.
Central Foundry Company The, 332 S Michigan av .....Harrison 2181
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Manila Rope.
Fischer & Hayes Rope Co, 602 W Lake...Monroe 76

Manual Training Benches Mnfrs.
Christiansen C, 2219 W Grand av.....Seeley 3167

Manufacturers.
Signalite Manufacturing Co, 522 S ClintonHarrison 7763

Manufacturers (Special—Metal Goods).
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
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Manufacturing Sites.
Manufacturers Terminal Co, Tribune bldg.Randolph 1853
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Map Drawings.
White & Kilroy, Monadnock blk.....Harrison 5502

Map Engravers.
Buckley Geo M, 538 S Clark.....Wabash 3573

Map Lithographers, Engravers and Publishers.
Wangersheim W, 125-131 W Ohio.....Superior 2496

Maps.
Rand McNally & Co, 538 S Clark.....Wabash 363
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Marble Contractors.
Taylor Marble Co, 610 E 40th.....Drexel 4381

Marble Dealers & Workers.
Marthens Chester N Marble Co, 53d and Wallace .....Drover 1166

Marine Castings.
Central Foundry Company The, 332 S Michigan av .....Harrison 2181
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Marine Hardware & Ship Chandlery.
Carpenter Geo B & Co, 430-440 N Wells.Franklin 3344

Marine Insurance.
Anglo-Oriental Shipping Co Inc, 209 S Lasalle .....Harrison 7449

Marine & Locomotive Clocks.
Howard E Clock Co., The, 31 N State....Central 695

Mattress Makers Supplies, Excelsior, Wood Wool.
Whitney H W, 305-315 S LaSalle.....Wabash 821

Mattress Wire.
Chicago Steel & Wire Company, 103d and Torrence av.....South Chicago 214

Mattresses Manufacturers.
Katz Bros Furniture Company, 5801 S Halsted .....Normal 59
Superior Bedding Works, 1043 W Randolph.Monroe 53

Measures and Funnels—U. S. Standard
Krafts A C, 317 W Lake.....Main 27

Mechanical Drawings.
Goethals Engineering Co, Monadnock blk.Wabash 6

Mechanical Engineers.
Atkins Charles G, Monadnock blk.....Harrison 2
King R D, Monadnock blk.....Wabash 4

Mechanical Rubber Goods.
Wood Guilford S, 20 W Jackson bl.....Harrison 2

Medals & Badges, All Societies, Gold, Silver, Etc.
Winship Chas A & Co, Masonic Temple..Central 1

Mercantile Agencies.
United Agency, 1018-24 S Wabash av....Wabash 1

Merchandising Auditors.
Rankin Wm H Co, 104 S Michigan av...Randolph

Merchandising Counselors
Woodwards Incorporated, 910 S Michigan av. .....Harrison

Metal Alloys.
Barnhart Brothers & Spindler, Throop & Monroe .....Haymarket

Metal Babbitt.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison
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Metal Boxes.
Baker Edw J & Co, 10 S LaSalle.....Mai

Metal Covered Mouldings
Brown L R Metal Covered Moulding Co, 422-426 Armour .....Monro
Chicago Metal Covering Co, 2833 W Lake.Garfield

Metal Decorating.
Phoenix-Hermetic Co, 2444 W 16th.....Cana

Metal Furniture.
Federal Steel Fixture Co, Security bldg..Frankl

Metal Lath.
Voss Frederick, 552 W Monroe.....Ma

Metal Lath—Expanded.
North Western Expanded Metal Co, Old Colony bldg.....Harris

Metal Monel Rods & Castings
Bayonne Casting Co The (Steel Sales Corporation) Jefferson and Adams....Franklin 4280

Metal Moulding Mnfrs.
Auto Moulding & Mnfg Co, 1926-1928 S Wabash av.....Calumet 2585

Metal Mouldings.
Chicago Metal Covering Co, 2833 W Lake.Garfield 4926

Metal Polish Mnfrs.
Armiger Chemical Co (Rex Brand), 2155-57 W Austin av.....Seeley 3190
Wadsworth-Howland Co (Jewel), 225 N Carpenter .....Monroe 2524

Metal Sash.
Natl Metallic Sash Co (Mnfrs of Iron Window Frames & Sash, Drawn Metal Sash & Ventilators), 855 Union Park ct....Monroe 4340

Metal Saw Blades, Mfrs.
Swett Frank W & Son, 1716-18 W Adams...West 2508

Metal Specialties.
Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Alcor Mfg Co, 430 S Green.....Monroe 2388
Alemite Metals Co, 341-351 W Chgo av..Superior 6016
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American Automatic Device Co, 3262-70 W Grand av.....Belmont 1308
Chicago Die & Specialty Co Inc, 1948 W Ohio .....West 3830
Chicago Machine & Washer Co, 2625 W 15th .....Lawndale 3156
Chicago Metal Mfg Co, 313 S Clinton.....Wabash 7105
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Geise Wm F Mfg Co, 355 Union Park ct...Monroe 4362
Industrial Products Co, 334 N Irving av....West 3528
McMorran Edw E & Co, 126 N Union..Haymarket 66
Mechanical Machine & Tool Works, 549 Fulton .....Franklin 1075
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Precision Metal Works, 1443 Carroll av...Monroe 4174
Radriga Mfg Co The, 213-221 W Grand avSuperior 560
S & W Manufacturing Co, 312 N May....Monroe 2401
Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941.
Schmidt Samuel, 158-160 N Desplaines.Haymkt 71
Schenbrodt Otto Co, 24-30 S Clinton..Franklin 4079
Synalite Manufacturing Co, 522 S ClntnHarrison 7763
Standard Die & Specialty Co, 169 N Jefferson .....Franklin 2502
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448
Thompson & Bremer, 850 S Canal.....Wabash 6764
Western Die & Stamping Works, 126 S Clinton .....Franklin 2924

Metal Specialties (Contract)
Rut Mfg Co, 542 W Harrison.....Wabash 7485

Metal Specialties & Metal Ceilings.
Bedley-Veshardt Co, 733 S Halsted.Haymarket 4081

Metal Spinners.
Al Spinning Co, 355 N Union Park ct..Monroe 2203
Lincoln Brass & Spinning Wks, 3262-3270 W Grand av.....Belmont 1260
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Schenbrodt Otto Co, 24-30 S Clinton...Franklin 4079

Metal Spinners and Specialties.
Ober Bros Metal Works, 108 N Jefferson.Monroe 4786

Metal Spinning & Stamping.
McMorran Edw E & Co, 126 N Union..Haymarket 66

Metal Stamping.
Bonfeldt & Rapp Co, 108-128 N Jefferson.Monroe 3981
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Sjoborn & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

Metal Stampings, Forming & Drawing.
Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941.

Metal Weather Strips.
Allmetal Weatherstrip Co, 228 W Madison.Franklin 5170
Athey Co, 124 W 24th.....Calumet 4550

Metallic Packing—High Pressure.
Cassco-Bar-Metallic Packing Co, 8 S Dearborn .....Central 3293

Metals—Babbitt and Type Metals.
Murphy Metals Co, 114-16 W Vanburen..Harrison 964
Staplin & Smith, 420 Orleans.....Main 2244

Metals—Brokers.
Murphy E L, 114-116 W Vanburen.....Harrison 964

Metals, New.
Harris Benj & Co, 1359 W 21st.....Canal 1870

Metals, New Virgin Pig.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
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Metals, New & Old, Copper Bearing Material.
Safrican Co The, 4053-4113 S LaSalle....Drover 8310

Metals, Scrap.
Harris Benj & Co, 1359 W 21st.....Canal 1870
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380
Loewenthal Co The, 947 W 20th.....Canal 999
Woodlawn Metal Co, 838 W Jackson bl.Haymarket 5551

Metals—Second Hand.
Slavin J & Sons, 2598 Archer av.....Canal 4541

Metals—Sheet, Rod, Tubing, Ingot and Scrap.
Metal Products Co, 100 S Jefferson....Haymarket 7166

Meters, Electrical & Repairs & Tests.
Illinois Testing Laboratories, 565 Washington bl.....Main 1904
See our Catalog Space, page 945.

Meters, Flow.
Republic Flow Meters Co, 565 Washington bl.....Main 1904

Mica.
Fleig L L & Co, 216 W Austin av.....Franklin 2637

Mica, Grinders for Commercial Uses.
U S Mica Mfg Co, 14 E Jackson bl.....Wabash 3659

Mice & Rat Exterminators.
McCloud W B & Co, 1012 N Wells....Superior 568

Milk Dealers Machinery and Supplies.
Cresco Creamery Supply Co, 50 W Kinzie.Central 5496

Milk Powder.
Natural Dry Milk Co, 608 S Dearborn...Harrison 4819

Milk Vats (Mnfrs.)
Johnson & Carlson, 848 Eastman.....Lincoln 782

Mill Bldrs.Flour.Feed&Corn Designers & Furnishers.
Noth George J, 9 S Clinton.....Franklin 3949

Mill & Engineers' Supplies.
Verbeek Harry Co, 175 W Jackson bl....Harrison 217

Mill Machinery for Flour & Feed Milling.
Gump B F Co, 431-437 S Clinton.....Wabash 965

Milliners' Glue.
Franche C E & Co, 440 Orleans.....Main 4251

Milling Cutters.
Barber-Colman Co, 26 S Jefferson....Haymarket 4209
National Tool Co The (I P Jones, Agt), 24 S Jefferson.....Monroe 826
See our Catalog Space, page 979

Milling Tools (Adjustable Hollow).
Geometric Tool Co The, 545 W Washington bl .....Franklin 3835

Millwright Contractors.
Chicago Millwright & Pulley Co, 940 W Lake .....Haymarket 1161
McDonald J, 37 & 39 S Clinton.....Main 5194

Mimeograph Machines and Supplies.
Dick A B Company, 730-744 W Jackson bl.Monroe 737

Mimeographing.
Date & Bennett, Monadnock blk.....Wabash 8624
Low's Letter Service, 180 N Dearborn....Central 8456

Mimeographing & Duplicating Supplies.
Meuser & Meuser, 2432 Prairie av.....Calumet 4275

Mimeographs Rebuilt.
Price Inc, 440 S Dearborn.....Harrison 5917

Mince Meat Mnfrs.
Rice Ervin A & Co, 2230 S LaSalle.....Calumet 1415

Mineral Waters.
Manitou Mineral Water Company The (B G Earl, rep), 36 S State.....Central 8750
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Mining Exploration Cos. & Operators.
Hubbard J D, 80 E Jackson bl.....Harrison 3007

Mirror Mfrs. & Resilvering.
Chicago Mirror & Art Glass Co The, 216 N Clinton .....Franklin 5840

Mirrors, French Plate, Old Mirrors Resilvered.
King A, 2969 Wentworth av.....Yards 1132

Mirrors Re-Silvered and Made to Order.
Farrell & Co, 832 W Lake.....Monroe 2699

Mixing Machinery.
Kaestner & Hecht Co, 500 Throop.....Haymarket 6840

Models.
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

Models & Experimental Work.
Alemite Metals Co, 341-351 W Chgo av.Superior 6016
See our Catalog Space, page 940
Bersted Forming Tool Co, 763-771 Mather.Monroe 4675
Moore & Company, 301 W Grand av.....Superior 1819
Premier Tool Works, 3123 W Harrison.Van Buren 2288
Scalbom & Eckholm Mfg Co, 11-17 S Desplaines .....Haymarket 1073

Models, High Grade Experimental Work.
Lundquist Hans Machine Works, 236 W Schiller .....Superior 301

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Monuments.
Daprato Statuary Co, 762-770 W Adams.Monroe 1775
Gall & Co, 1323 Irving Park bl.....Lake View 31
Harrison Granite Co, 410 S Michigan av.Harrison 3650
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Monuments & Mausoleums.
Harrison Granite Co, 410 S Michigan av.Harrison 3650
See our Advertisement Inside Back Cover.
Nichols & Co, 1414-20 W Randolph.....Monroe 1110

Mop, Pail & Tool Handles.
Borgeson C E, 4555 Ravenswood av..Ravenswood 9814

Mortgage Bankers.
Greenebaum Sons Bank & Trust Company, 1-11 S Lasalle.....Randolph 560
Nordhem-Mersbach Co, 29 S Lasalle.....Central 8140

Mosaics.
Lorenzen Chas F & Co, Reaper blk, N E cor Clark and Washington....Randolph 1844

Moss—Sea Moss & Tow.
Whitney H W, 305-315 S LaSalle.....Wabash 8210

Motion Picture Machinery for Film Mnfrs.
Bell & Howell Company, 1801 to 1807 Larchmont av.....Wellington 3410

Motion Picture Machines & Supplies.
Exhibitors Supply Co Inc, 5 S Wabash av.Central 8979

Motion Pictures, Industrial & Advertising.
Rothacker Film Mfg Co, 1339 Diversey Parkway.....Diversey 2272
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Motor Luncheon Cases.
Knickerbocker Case Co, Fulton & Clinton sts.Main 4621
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Motor Rails.
Birkle Machine Works, 128 S Clinton..Franklin 4570

Motor Truck (Mfrs).
Old Reliable Motor Truck Co, 58 E Washington.....Randolph 1359

Motor Truck Bodies Lumber Roll off Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Motor Truck Bodies Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Motor Truck Bodies, Removable.
Auto Truck Steel Body Co, 3028-46 Carroll av.....Garfield 1518

Motor Truck Bodies Removable Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Motor Truck Bodies, Steel.
Auto Truck Steel Body Co, 3028-46 Carroll av.....Garfield 1518

Motor Truck (Mnfrs) 2 and 3½ Ton Capacity.
Master Trucks Incorporated, 3136 S Wabash av.....Douglas 1027

Motor Trucks.
Autocar Sales & Service Co of Illinois The, 755 W Jackson bl.....Monroe 6930
Chicago Pneumatic Tool Co, Fisher bldg.Harrison 687

Motors, Electric, Direct and Alternating Current.
Diehl Mfg Co, Edison bldg.....Central 5532

Motors and Generators Repairing.
Pearson John W Co, 839-841 W Lake...Monroe 5838

Moulding Sand.
Three Products Company, 328 W 37th....Drover 2884
Vrooman H S, 343 S Dearborn.....Harrison 6506

Mouldings Embossed & Plain.
Boynton & Co, 1725 Dickson.....Monroe 5939
McKay, Angus Co, 726 S Desplaines.....Monroe 2937

Mouldings, Metal Covered.
Brown L R Metal Covered Moulding Co, 422-426 Armour.....Monroe 2908

Moulds White Metal Castings, Novelties & Specialties.
Schley Metal Crafts Co, 126-128 S ClintonFranklin 1791

Movers, Packers & Shippers.
Garfield Express & Storage Co The, 5908-16-18 S State.....Wentworth 1138

Movers, Packers, Shippers & Storage.
Douglas Storage, Van & Express Co (Motor Van Service Within 200 Miles) 4043-45 W 12th .....Lawndale 351

Moving.
Lindsay Storage Co, 1156 E 63d.....Hyde Park 7176

Moving, Packing, Shipping & Storage of Household Goods.
Fort Dearborn Fireproof Storage Co, 4615 Clifton av.....Ravenswood 100
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Trans-Continental Freight Co, 203 S Dearborn.....Harrison 3467
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Moving Picture Advertising Specialists.
Rothacker Film Mfg Co, 1339 Diversey Parkway.....Diversey 2272
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Moving Picture Machines.
Atlas Educational Film Co, 63 E Adams.Harrison 4773

Moving Picture Machines—Portable.
Optigraph Co, 564 W Randolph.....Main 3013

Moving Picture Manufacturers.
Rothacker Film Mfg Co, 1339 Diversey Parkway.....Diversey 2272
See our Catalog Space, page 982.

Mucilage (Dry).
Tablet & Ticket Co The, 624 W Adams.Haymarket 3883

Multigraph Letters.
Von Weller-Lyon Company The, 180 N Market.....Franklin 324

Multigraphing.
Low's Letter Service, 180 N Dearborn..Central 8456

Multigraphs Rebuilt.
Price Inc, 440 S Dearborn.....Harrison 5917

Munition Wood Parts, etc.
La Pierre Henry M Co, 1314 W 21st.....Canal 3137
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Music Printers.
Rayner, Dalheim & Co, 2054-60 W Lake...Seeley 5004

Music Schools.
Chicago Piano College Inc, 304 S Wabash av.....Wabash 4805

Music Teachers (Voice).
Webster Frank B, 304 S Wabash av....Wabash 8503

Musical Instruments.
Ludwig & Ludwig, 1611-13 N Lincoln.Humboldt 4569
Tonk Bros Co, Baldwin bldg, 323 S Wabash av.....Harrison 5191

Musical Instruments, Automatic.
Mills Novelty Co, Jackson & Green,.....Monroe 2017

Musical Instruments—Importers.
Inubush, Hikida & Co, 164-166 W Washington.....Franklin 421

Musical Instruments, Parts etc.
Wilson Bros Mfg Co, 218-222 N May.....Monroe 139

Musical Instruments, Spec'l Wood Work in Quantities
La Pierre Henry M Co, 1314 W 21st.....Canal 31
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Nails—Cement Coated—Mfr
Interstate Iron & Steel Co, 38 S Dearborn..Central 32

Nails—Mfrs.
Interstate Iron & Steel Co, 38 S Dearborn..Central 32

Name Brokers.
Twentieth Century Mailing Service, 155 W Kinzie.....Franklin

Name Plates.
Meyercord Co The, Chamber of Commerce..Main 1
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6
Wilcox W W Mfg Co, 564 W Randolph..Franklin 3

Name Plates—Aluminum and Brass, Etched.
Etching Co of Am, 2526 W Congress.....West

Name Plates—Embossed Plated & Enamel Finis
Stanley Manufacturing Co The (Geo S Fulrath, Agt), Palmer House.....Central

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co, 1749 Grace.....Lake View

Name Plates, Genuine Decalcomania Transfer.
Meyercord Co The, Chamber of Commerce..Main

Name Plates Mnfrs.—All Metals Etched.
General Etching & Mfg Co, 312-14-16 S Hamilton av.....Seele
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Natural Water.
Manitou Mineral Water Company The (B G Earl, Rep), 36 S State.....Centr
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Nickel Platers.
Bagley Alex T Co, 318 S Canal.....Harris
Mercil B & Sons Plating Co, 1911 Fulton.Seel
Monarch Plating Works, 126 S Clinton.....Ma
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Nickel Plating.
Stout Mfg Co, 542 W Harrison.....Wab

on-Intoxicating Beverages.
oitou Mineral Water Company The (B G Earl, rep), 36 S State.....Central 8750
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otions, Wholesale.
ire N Co, 237-241 W Madison.....Main 3482

ovelties, Special Wood Work.
Pierre Henry M Co, 1314 W 21st.....Canal 3137
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ovelties, Wholesale.
n Ed, 222 W Madison.....Franklin 3713
re N Co, 237-241 W Madison.....Main 3482

umbering Machines.
old's Numbering Machine Works, 166 W Madison .....Franklin 149
h G & Co, 71 W Randolph.....Central 3655
e & Energy Co The, 9 S Clinton.....Main 1142

urseries.
on Swain & Sons Co, 942 Marquette bldg. .....Central 2770
rson Nursery, 30 N Lasalle.....Main 3613
thold Otto Nursery The, 6319 Louise av .....Monticello 959

urses.
rican Training School for Nurses, 1555 N LaSalle.....Lincoln 2493
e Central Register for Nurses, 30 N Michigan av.....Randolph 5682
ago Tuberculosis Institute, 8 S Dearborn .....Central 8316
ois Post Graduate & Training School for Nurses, 546 Garfield av.....Lincoln 2155
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uts.
Nut Co, 1730 N Kolmar av.....Albany 4010

uts, Lock.
erson Lock Nut Mfg Co, 14 E Jackson bl .....Harrison 8589

uts, Machine Screw.
ago Nut Company, 2513-39 W 20th.Lawndale 3314
ll Manufacturing Co, 5702 W 12th.Columbus 300

uts, Semi Finished.
ago Nut Company, 2513-39 W 20th.Lawndale 3314

uts, Shelled & Unshelled, to Jobbing Trade Only.
e John H & Co, 130 N Wells.....Franklin 4800

uts, Wing.
ago Nut Company, 2513-39 W 20th.Lawndale 3314

fice Devices, Adding & Billing Machines.
r W A, Monadnock blk.....Harrison 7721

fice Equipment.
ne Calculating Machine Co, 330 W onroe .....Franklin 843
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fice Furniture, Steel.
al Fireproofing Co, 325 W Madison.Franklin 5374

fice Store and Bank Fixtures.
Johnson Company, 1737-45 N Paulina .....Haymarket 3957

fice Supplies.
Maloney & Co, 21 S Lasalle.....Central 3186

fset Lithographers.
dt Theo A Litho Co, 1050 Fullerton av.Lincoln 2505

fset Printers.
Lithographing Co, 42 W 61st....Wentworth 452

Oil Cans, Force Feed.
Lidseen Gustave, 224-240 N Desplaines..Monroe 2300

Oil Cups.
Bowen Mfg Co, 1438 Otis bldg.....Franklin 3313
Winkley Company The, 1438 Otis bldg..Franklin 3313

Oil Filters—Mnfrs.
Nugent Wm W & Co, 146-148 W Supr.Superior 3309

Oil Pumps—Mnfrs.
Nugent Wm W & Co, 146-148 W Supr..Superior 3309

Oilers, Force Feed.
Lidseen Gustave, 224-240 N Desplaines..Monroe 2300

Oiling Systems—Mnfrs.
Nugent Wm W & Co, 146-148 W Supr..Superior 3309

Oils.
Anderson & Gustafson, 608 S Dearborn.Harrison 6303
Sullivan Oil Co, 413 N Wells.....Main 3612
Union Petroleum Co, 44th and S Western bl.Drover 8210
Wenger Petroleum Co, 608 S Dearborn..Harrison 8490

Oils (All Kinds.)
Sullivan Oil Co, 413 N Wells.....Main 3612

Oils (Special Oil to Order).
Scientific Oil Compounding Co, 3524 Shields av .....Drover 2423

Oils—All Animal & Vegetable.
Sterne & Son Co, 140 W Van Buren.....Harrison 4797

Oils, Chinawood, Soya Bean, Cocoanut, Castor, Olive, Foot.
Haines E H, 155 N Clark.....Central 2545

Oils—Cottonseed & Peanut Oils.
Adams Fred C Co The, 234 S Lasalle....Wabash 6829

Oils, Essential.
Barrett M L & Co, 233 W Lake.....Main 11

Oils—Fuel.
Keystone Oil & Mfg Co The, 111 N Market..Main 1596

Oils—Fuel, Flux and Road.
Central Commercial Co, 111 N Market.....Main 733

Oils, Gas.
Keystone Oil & Mfg Co The, 111 N Market.Main 1596

Oils—Linseed, Corn, Lard and Neatsfoot Oils.
Adams Fred C Co The, 234 S Lasalle....Wabash 6829

Oils—Lubricating.
Keystone Oil & Mfg Co The, 111 N Market.Main 1596

Oils—Saponified Red Oils, Fish Oils, Fatty Acids
Adams Fred C Co The, 234 S Lasalle....Wabash 6829

Oils—Soya Bean, Chinawood, Cocoanut Oils.
Adams Fred C Co The, 234 S Lasalle....Wabash 6829

Oils, Thread Cutting.
Keystone Oil & Mfg Co The, 111 N Market.Main 1596

Olives and Olive Oil.
Wolff M & Sons, 1338 W Randolph.....Monroe 14

Opera Chairs.
Stafford E H Mfg Co, 218 S Wabash av.Harrison 8196

Opticians.
Coe Almer & Co, 105 N Wabash av, 82 E Jackson bl & 6 S Lasalle.....Randolph 2150

Orange Peel Buckets.
Shaw Willis, 80 E Jackson.....Harrison 22

Orchestras.
Hand Johnny Band & Orchestras The, 127 N Dearborn .....Randolph 5237

Orchestras & Entertainment
Benson Music & Entertainment, 64 W Randolph .....Randolph 6181

Organ Builders.
Estey Organ Co (G N Bucklin) Hotel Brevoort, 120 W Madison.....Franklin 2367
Estey Organ Co (F E Fleets), 5228 A Calumet av.....Drexel 1439

Oriental Rugs.
Nahigan Bros, 122 S Wabash av.....Randolph 2044
Pushman Bros (Oriental & Domestic Rugs, Wholesale & Retail), 16 S Wabash av.Central 5767

Ornamental Brass.
Reuter Brothers, 5814 S Wood.....Prospect 4069

Ornamental Brass and Bronze Goods—Mnfrs.
Johnson-Meier Co, 155-157 Wendell....Superior 5205

Ornamental Concrete.
Schmidt Alvin A, 4447-4453 Ravenswood av .....Ravenswood 3134

Ornamental Iron.
Duffin Iron Co, 4837-55 S Kedzie av.....McKinley 732
Reuter Brothers, 5814 S Wood.....Prospect 4069

Ornamental Iron & Bronze.
Manton & Smith Co, 1709 W Austin av Haymarket 6145

Ornamental Iron & Bronze Work.
Smith F P Wire & Iron Works, 54 W Lake .....Central 438

Osteopaths.
Dale Walter J Dr, 17 N State.....Central 3350
res 6235 Woodlawn av.....Midway 6462
Hively J L Dr, Osteopath and Chiropractor, Graduate of The American School of Osteopathy, Kirkville, Mo., 39 S State .....Central 3184
McCord Andrew S, DO, 220 S State.....Wabash 721
Murphy J L Dr, 220 S State.....Wabash 4994
res 6532 Kimbark av.....Blackstone 2269

Out-Door Advertising.
Batten George Company Inc, 332 S Michigan av .....Wabash 7116
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Oven Bldrs. Brick.
Petersen Oven Co The, 112 W Adams..Randolph 1454

Oven Mnfrs.
Hubbard Portable Oven Co, 1134-1144 Belden av .....Lincoln 92
Maehler Paul Co, 807 W Lake.....Monroe 835

Ovens—Enameling, Japanning & Lacquering.
Roberts Portable Oven Co, 2014 N Major av .....Albany 973

Oxalic Acid.
Ele-Kem Co, 1508-1516 Clybourn av....Diversey 4410
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Oxy-Acetylene Apparatus.
Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486
Davis-Bournonville Co, 143 W Austin av..Franklin 5877
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Torchweld Equipment Co, Fulton & Carpenter .....Haymarket 7131

Oxy—Hydrogen Apparatus.
Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

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Oxygen.
Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

Oxygen & Hydrogen Generating Plants.
Burdett Mfg Co, 309-319 St Johns ct....Monroe 4486

Oyster Paper Pails.
Sefton Manufacturing Corporation, 1300 W 35th .....Yards 1403
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Package and Cash Carriers.
Baldwin James L Carrier Co, 12 N Market..Main 1621

Packers.
Hetzel & Company, 1743-1817 Larrabee..Lincoln 1185
Mayer Oscar F & Bro, Sedgwick & Beethoven pl .....Superior 8500

Packers Supplies.
Oppenheimer S & Co, 2700 S Wabash av..Calumet 5444

Packers Supls. Wire Goods for Packers' Use.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Packers Tools—Bbl Sticks Meat & Boning Hooks.
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674

Packing.
Advance Packing & Supply Co, 11 N Franklin .....Main 3761
Mabbs Hydraulic Packing Co, 431 S Dearborn .....Harrison 70

Packing (Rawhide.)
Chicago Rawhide Mfg Co The, 1301 Elston av .....Monroe 6760

Packing (Rod, Sheet & Hydraulic).
Endura Mfg Co (Advance Packing & Supply Co) (For Oils, Alkalies & Benzol Products), 11 N Franklin.....Main 3761

Packing Boxes.
Acme Box Company, 22d & Loomis.....Canal 424
Tegtmeyer Box & Lumber Co, 1828 S Canal.Canal 227

Packing Boxes, Metal.
Baker Edw J & Co, 10 S LaSalle.....Main 758

Packing House Engineers.
Packers Architectural & Engineering Co, 481 S Dearborn .....Harrison 5182
Stadler Engineering Co The, 327 S LaSalle.Wabash 417

Packing House Machinery.
Hamler Boiler & Tank Co, 3906 S Halsted..Yards 947
Swenson Evaporator Co, Monadnock blk.Harrison 1252

Packing Leather.
Marsh Chas W Co, 20 W Jackson bl.....Harrison 5351

Packing Pads.
Excelsior Wrapper Co, 224 W Kinzie....Franklin 2389

Packing Shipping, Moving & Storage of Household Goods.
Fort Dearborn Fireproof Storage Co, 4615 Clifton av.....Ravenswood 100
See our Catalog Space, page 1011.
North Shore Fireproof Storage Co, 4820 Broadway .....Edgewater 803
See our Catalog Space, page 1011.
Trans-Continental Freight Co, 203 S Dearborn .....Harrison 3467
See our Catalog Space, page 1011.

Pails—Ash, Garbage, Cement
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Paint Air Brush Equipment.
Paasche Air Brush Co, 1219 W Washington bl.....Haymarket 7480

Paint Machinery.
Kaestner & Hecht Co, 500 Throop.....Haymarket 6840

Paint Sprayers—Air.
Wold Air Brush Mfg Co The, 716 W Madison .....Monroe 1934

Paint and Varnish Remover, Mnfrs.
Arnstein Eugene Inc, 45 W 26th.....Calumet 1454
McAdam Charles Co, 3161 Cot Grove av..Douglas 6780

Painters.
McCarthy J G Co, 1832 S Wabash av..Calumet 1482
Nelson W P Co, 614 S Michigan av.....Harrison 5073

Painters' Brushes—Mnfrs.
Gerts, Lumbard & Co, 221 W Randolph.....Main 3311

Painters & Decorators.
Brennan J M Co, 651 W 43d.....Yards 768

Painters, Industrial.
Pangere & Manta Co, 110 S Dearborn..Randolph 6561

Painting Machinery "Pneumatic".
Wright David A, 568 W Washington bl..Franklin 5899

Painting & Whitewashing Machines.
Star Brass Works The, 3114 to 3122 Carroll av.....Kedzie 9551
See our Catalog Space, page 1000.

Paints.
Detroit Graphite Co, Monadnock blk....Harrison 1074
Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 2001 Mendell .....Monroe 3286
Lucas John & Co Inc, 1362 W 37th.....Drover 4980

Paints, Asphalt.
Heppes-Nelson Roofing Co The, 4500 Fillmore .....Kedzie 2365

Paints, Cold Water Fire Retarding Sanitary.
Monarch Cold Water Paint Co, Not Inc, 322 N Ashland av.....West 1351

Paints and Enamel Makers.
Bradley & Vrooman Co, 2632 S Dearborn.Calumet 693

Paints, Mnfrs.
Martin-Senour Co The, 2520 Quarry.....Yards 2410

Paints, Mnfrs. and Wholesale Dealers.
Wadsworth-Howland Co, 225 N Carpenter.Monroe 2524

Paints, Mfg. Agt. Raw Mtls. for Pt Varnish & Soap Trade.
Haines E H, 155 N Clark.....Central 2545

Paints—Metal Preservers & Enamels.
Union Insulating Co, 20 W Jackson bl...Harrison 1848

Paints, Special for Mnfrs.
Nubian Paint & Varnish Co, 1856 LeClaire av. .....Albany 4214

Paints, Varnish & Enamel Mfrs.
Denny, Hilborn & Rosenbach, McCormick bldg. .....Harrison 1815

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 1052 W 37th.....Drover 1481

Panel Boards.
Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 616

Paper (Box Boards).
La Boiteaux C L Co, Transportation bldg.Harrison 441

Paper Bag Manufacturers.
Advance Bag Co The (W J Henry Agt), 344 N Canal .....Franklin 116

Paper (Dealers).
Bermingham & Prosser Co, 10 S Lasalle...Main 110
Bermingham & Seaman Co, 208 S LaSalleHarrison 55
See our Catalog Space, page 990.
LaSalle Paper Co, 187 N Dearborn....Randolph 364
Megargee-Hare Paper Co, 327 S LaSalle.Harrison 26
See our Catalog Space, page 991.
Seaman Paper Co, 208 S LaSalle.....Harrison 55
See our Catalog Space, page 990.
Whitaker Paper Co The, Continental & Commercial Bank bldg .....Harrison 65

Paper (for Printers & Publishers).
Moser Paper Co, 621-631 Plymouth ct...Wabash 27

Paper (Manufacturers).
Bermingham & Prosser Co. (Paper and Cardboard of all Kinds), 10 S Lasalle.....Main 1
Bermingham & Seaman Co, 208 S LaSalleHarrison 5
See our Catalog Space, page 990.
LaMonte George & Son, 38 S Dearborn..Randolph 1
Menasha Paper Co, 28 E Jackson bl.....Harrison 5
Seaman Paper Co, 208 S LaSalle.....Harrison 5
See our Catalog Space, page 990.

Paper (Printing & Writing).
Paper Mills Company The, 517 S Wells.Harrison

Paper (Toilet & Towels Folded and in Rolls).
Northern Paper Mills, 14 E Jackson bl..Harrison

Paper (Vegetable Parchment).
Kalamazoo Vegetable Parchment Co, Railway Exch .....Harrison

Paper (Waxed).
Kalamazoo Vegetable Parchment Co, Railway Exch .....Harrison

Paper Boxes.
Kroeck Paper Box Co, 220 Institute pl...Superio
Randolph Box & Label Co, 843 W VanBuren .....Monro
Ritchie W C & Company, 412 S Green..Haymarke
See our Catalog Space, page 987.
Sefton Manufacturing Corporation, 1300 W 35th.....Yard
See our Catalog Space, page 988.
Shoup A D Co, 1545 W 35th.....Drove
Western Paper Box Co, 172 N Green....Monr

Paper Boxes, Corrugate
Sefton Manufacturing Corporation, 1300 W 35th.....Yar
See our Catalog Space, page 988.

Paper Boxes, Corrugated & Fibre.
Mid West Box Co, 111 W Washington.....M
See our Catalog Space, page 926.

Paper Boxes, Folding.
Chicago Carton Co, 4433 Ogden av....Lawnd
See our Catalog Space, page 989.
Imperial Box Co, 1403 W Congress....Haymar
Randolph Box & Label Co, 843 W VanBuren .....Mon
Sefton Manufacturing Corporation, 1300 W 35th.....Y
See our Catalog Space, page 988.

Paper Boxes, Made Up.
Illinois Paper Box Co, 1323-33 Carroll av.Mo

Paper Cans.
Kroeck Paper Box Co, 220 Institute pl...Sup

Paper Hats.
Favor Paperwear Works, 81 W Lake.....Co

Paper Ice Cream Pails.
Ferguson-Lander Mfg Co, 418 S Clinton.We

Paper Ice Cream & Oyster Pails.
icago Oyster Pail Co, 504 S Green.....Monroe 632

Paper Laundry Bags.
es Owen R, 20 E Jackson bl.....Wabash 4115

Paper Letters & Figures (Gummed).
blet & Ticket Co The, 624 W Adams.Haymarket 3883

Paper Mill Supplies.
ndelson Bros Paper Stock Co, 910 S Michigan av.....Harrison 2840

Paper Moth-proof Bags.
es Owen R, 20 E Jackson bl.....Wabash 4115

Paper Oyster Pails.
rguson-Lander Mfg Co, 418 S Clinton..Wabash 6798

Paper Pulp Machinery.
enson Evaporator Co, Monadnock blk.Harrison 1252

Paper Shredding Machines.
mfeldt & Rapp Co, 108-128 N Jefferson.Monroe 3981

Paper Specialties for Hotels, Restaurants & Caterers.
ele C D M Co The, 180 N Wabash av.Randolph 770

Paper Stock.
ndelson Bros Paper Stock Co, 910 S Michigan av.....Harrison 2840

Paper Towels.
er Sales Co, 230 W Huron.....Superior 8459

Paper Trade Directory.
row Printing Co, 633 Plymouth ct...Harrison 304

Papier Mache.
erican Art Paper Mache Works, 1405 Irving Park bl.....Irving 9423

Parcel Post & Express Carriers.
cago Carton Co, 4433 Ogden av....Lawndale 906
See our Catalog Space, page 989.

Parquet Floors.
ffee J & Co, 38 N Franklin.....Main 1894

Partitions, Bank, Store & Office Fixtures.
mpton Manufacturing Co, 1518 E 53rd.Midway 784
r-Ocean Cabinet Co, 322-326 S Paulina..West 3319

Partitions, Wire & Iron.
e Steel & Wire Co, 175 W Jackson bl.Harrison 1197

Paste, Library—Mnfrs.
amson Glue & Gum Works, 220-222 W Huron.....Superior 8395

Paste Manufacturers.
eitzer Samuel, 660 W Lake.....Monroe 260
ern Paste & Gum Co, 2710 Throop....Drover 3897

Patent Attorneys.
rews Ernest J, 53 W Jackson bl.....Harrison 468
Force & Cook, Monadnock blk....Harrison 792
ing & Banning, 140 S Dearborn.....Central 1001
man Daniel A, 36 W Randolph.....Central 1463
on & Burton, 140 S Dearborn.....Central 4096
nforth Lee Chritton & Wiles, Marquette bldg.....Central 6585
r Walter M, Monadnock blk.....Harrison 6620
William L, 140 S Dearborn.....Randolph 3134
& Hill, Monadnock blk.....Harrison 2710
Charles W, Monadnock blk.....Bell-Harrison 306
.....Automatic 64-813
er Richard J, Monadnock blk.....Wabash 6352
um J H, Jr, Marquette bldg.....Central 3271
s, Addington, Ames & Seibold, 105 W Monroe.....Randolph 45
Florence, Monadnock blk.....Wabash 5394
Rudolph Wm, 332 S Michigan av..Harrison 1808
Miehle & Miehle, 53 W Jackson bl....Harrison 5326
Miller Chindahl & Parker, Monadnock blk.....Harrison 2854
Peirce Fisher & Clapp, 140 S Dearborn....Central 1648
Poole & Wann, 140 S Dearborn.....Randolph 3396
Potts Joshua R H, 8 S Dearborn.....Central 5560
Rummler & Rummler, Tribune bldg.....Central 3418
Sheridan, Sheridan & Smith, 140 S Dearborn.....Central 1137
Stark Michael J & Sons, Monadnock blk..Wabash 8360
Stevens Milo B & Co, 53 W Jackson bl..Harrison 2554
Thomason Frank D, Tribune bldg.....Central 6182
Wilkinson & Huxley, 38 S Dearborn....Randolph 1560

Patent Drawings.
Goethals Engineering Co, Monadnock blk..Wabash 6352
Libby, Parrish & Huls, 327 S LaSalle....Harrison 384
See our Catalog Space, page 946.
White & Kilroy, Monadnock blk.....Harrison 5502

Patent Experts.
Jacker Richard J, Monadnock blk.....Wabash 6352
McElroy John Howard, Monadnock blk..Harrison 259

Patent Experts, Chemical.
Deavitt H M, 209 S Lasalle.....Wabash 7505

Patent Insurance.
Patent Insurance Co, Monadnock blk....Wabash 6352

Patent Inventors & Perfectors in Sheet Metal.
Doering C & Son Inc, 1375 W Lake.....Monroe 921
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560

Patent Medicines.
Big 4 Medicine Co, ("Green Mountain Salve" "Ner-vi-tone," "Digestone"), 9 S Clinton.....Franklin 5258

Patriotic Pictures.
Peoples Portrait & Frame Co, 2054 W Lake.West 3424

Pattern Lumber.
Wilcox Wilton E Lumber Co, Monadnock blk.....Harrison 2046

Pattern Makers.
Arrow Pattern Works, 2720 W Lake.....Seeley 392
Commons & Hamm, 309-311 W 23d....Calumet 2986
Goedde Edw C, 313 S Clinton.....Wabash 7169
Haxton James & Sons Co, 543 Orleans..Superior 1168
Hedstrom Oscar W, 558-562 W Randolph.Franklin 3285
Illinois Pattern Works, 528 W Van Buren Harrison 504
Kallman Anton, 306-308 W Ontario....Superior 2431
McDermott's Pattern Shop, 208 W Kinzie.Franklin 3980
Nobach W J Pattern Works, 411-413 S Clinton.....Harrison 2899
Rabe Otto, 158-162 N Desplaines.....Monroe 441
Strand G F & Co, 313 S Clinton.....Harrison 5824
Templeman J P 740-2 W VanBuren.....Monroe 2288

Pattern Makers (Ornamental.)
Dux Joseph, 2118 W VanBuren.....West 1703

Pattern Makers' Supplies—Mnfrs.
Brodin Pattern & Supply Co, 2418-2420 W 16th.....Canal 1856

Patterns (Metal).
Fogelberg P & Sons, 126 S Clinton.....Franklin 5156
Keystone Pattern Co, 222 S Clinton.....Main 3400

Patterns (Wood & Metal).
Boettcher Pattern Co, 113 S Jefferson.....Main 2997

Patterns and Models.
Arrow Pattern Works, 2720 W Lake.....Seeley 392
McIntosh J A, 552-54 W Lake.....Main 70

Pavement Inspection & Testing Laboratories.
Flood Walter H, 3725 Langley av.....Douglas 2045

Paving Materials.
American Tar Products Co, 208 S LaSalle.Wabash 6396

Paving Mixers.
Koehring Machine Company (G E Hillsman, Dist Mngr), Peoples Gas bldg..Harrison 5183

Pencils, Mnfrs, Advertising.
American Badge Co, 141-143 W Austin av.....Franklin 330

Pencils, Pen Holders, Advertising.
Goodell James M Jr, Inc, 150 N Laramie av.Austin 119

Pennants.
Cruver Mfg Co, 2458 W Jackson bl.....West 2424
Gleason T C & Co, 173 W Madison.....Main 60

Pennants, Banners & Buttons.
Lauterer Geo Co, 222 W Madison.....Main 4728

Pennants, Felt Caps & Novelties.
Fischer-Stein Company The, 63 E Adams.Harrison 2321

Pension Attorneys.
Stevens Milo B & Co, 53 W Jackson bl..Harrison 2554

Perforated Metals.
Western Metal Products Co, 15 W Kinzie.Central 2839

Perforating Machines.
American Perforator Co The, 617-631 W Jackson bl.....Monroe 2767
Cummins B F Co The, (Perforating machines for every purpose guaranteed by 30 years successful experience) 4740 Ravenswood av.....Edgewater 2580

Perfumes—Raw Materials.
Barrett M L & Co, 233 W Lake.....Main 11

Phonograph Cabinet & Piano Carvings.
Kopriwa E Co, 2220 Ward.....Lincoln 2726

Phonographs.
Brunswick-Balke-Collender Co, The, 623-625 S Wabash av.....Harrison 6220

Phonographs, Cabinet.
La Pierre Henry M Co, (Factory to consumer only, high grade work & mechanism, Piano finish Design sure to please, Save 1-2 written guarantee), 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Phonographs, Graphophones & Talking Machines.
Crampton Manufacturing Co, 1518 E 53rd.Midway 784

Photo Developing Printing Enlarging & Copying.
Borchardt Photo Enlarging Co, 6 E Lake..Central 1954
Drews W J Co, 3640-44 Wrightwood av..Belmont 1231

Photo Engravers.
Hawtin Engraving Co The, 19 S Wells....Main 4103

Photo—Gelatine Printing.
Western Photogravure Co, 1821 Berteau av.....Lake View 825

Photographers.
Commercial Photographic Co, 538 S Clark.Harrison 4211
Copelin Alex J W 422 S Dearborn.....Harrison 319
Johnson James J, 732 Federal.....Harrison 1972
Moffett Studio, 57 E Congress.....Harrison 6702
Sykes Melvin H, 16 N Wabash av.....Central 342
Walinger Co, 37 S Wabash av.....Central 1070

Photographers, Commercial.
Hawtin Engraving Co The, 19 S Wells....Main 4103
Kaufmann & Fabry Co, 425 S Wabash..Harrison 3135
Webster Bros, 53 W Jackson bl.....Harrison 3709

Photographers, Theatrical.
De Haven Studio, 144 S Wabash av.....Central 4335
Gerls Studio, 140 S Wabash av.....Central 6280

Photographic Supplies.
Central Camera Co, 124 S Wabash av...Central 5963

CHICAGO—continued

Photogravure Printers.
Hoffman Photogravure Co The, 329 Plymouth ct ..... Wabash 7434
Western Photogravure Co, 1821 Berteau av ..... Lakeview 825

Physical Culture & Massage.
Gray Willis S, (25 years same location. Prices Moderate), 5 N LaSalle ..... Main 3221

Physicians Supplies.
Ambulatory Pneumatic Splint Mfg Co, 30 E Randolph ..... Central 4623

Physicians & Surgeons.
Auld John M (Practice limited to Rectal & Intestinal Diseases), 5 S Wabash av .. Central 652

Piano Bench Mnfrs.
Standard Piano Bench Mfg Co, 1225 W Lake ..... Haymarket 6310

Piano Hammers.
Standard Felt Company, 404 S Wells .... Wabash 1081

Piano Players—Automatic Electric.
Operators Piano Co The, 16 S Peoria .. Haymarket 2837

Picture Frames.
Friedman I M 312 W Madison ..... Main 4705
Schwartz Picture Frame Co, 423 S Wabash av ..... Harrison 3413

Picture Frames and Mouldings.
Newcomb-Macklin Co, 2 W Kinzie cor State ..... Central 5215

Pictures & Picture Frames.
Bryden F A Co 217 S Wabash av ..... Wabash 8948
Consolidated Portrait & Frame Co, 1029 W Adams ..... Haymarket 3812
Newcomb-Macklin Co, 2 W Kinzie cor State ..... Central 5215
Peoples Portrait & Frame Co, 2054 W Lake . West 3424

Pie Bakers' Machinery—Mnfrs.
Colborne Mfg Co, 170 W Division ..... Superior 1000

Pig Iron.
Addy Matthew Co The, Rookery bldg .... Harrison 2972

Pigments.
Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 2001 Mendell ..... Monroe 3286

Pile Drivers.
Shaw Willis, 80 E Jackson bl ..... Harrison 22

Piles—Concrete.
Raymond Concrete Pile Co, 111 W Monroe . Central 3012

Piling.
Lake Superior Piling Co, 22d & Morgan .... Canal 861
Leach L D & Co, 343 S Dearborn .... Harrison 7880
Smith A B Lumber Co, Old Colony bldg . Harrison 1671

Pipe.
Standard Spiral Pipe Works, 4800 S Maplewood av ..... Drover 8316

Pipe (All Sizes, New and Second Hand).
Groh John, Clybourn av and Osgood ..... Diversey 8937

Pipe (Cast Iron, B & S. Flange, Flexible Joint).
United States Cast Iron Pipe & Foundry Co, 122 S Michigan blvd ..... Harrison 6863

Pipe (Cast Iron, Flange).
American Car & Foundry Co, Railway Exch bldg ..... Harrison 8300

Pipe (Fibre & Conduit).
Brown Company, 110 S Dearborn ..... Central 6494

Pipe (for Structural Purposes).
Illinois Pipe & Mfg Co, 2117 S Jefferson .... Canal 828

Pipe (Full Weight Genuine, Wrought Iron).
Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

Pipe (Iron).
Chicago Tube & Iron Co, 1469 S Jefferson .. Canal 3167

Pipe (New & Second Hand).
Illinois Pipe & Mfg Co, 2117 S Jefferson .... Canal 828

Pipe (Steel).
Chicago Tube & Iron Co, 1469 S Jefferson .. Canal 3167

Pipe (Steel & Iron).
Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

Pipe (Wrought Iron & Steel).
Illinois Pipe & Mfg Co, 2117 S Jefferson .... Canal 828
Spang Chalfant & Co Inc, McCormick bldg ..... Harrison 5230

Pipe Bending and Pipe Coils.
Atlas Copper & Brass Mfg Co, 2734-2738 High ..... Lincoln 4017
National Valve & Mfg Co, (E J Ward, Agt), Westminster bldg ..... Randolph 1961
Rempke Co, Sacramento & Carroll avs ... Kedzie 483

Pipe and Boiler Covering.
Acme Asbestos Covering & Supply Co, ne cor Kinzie & Ada ..... Monroe 2343
Ajax Pipe & Boiler Covering Co, 9 W 22d Calumet 4019
National Pipe & Boiler Covering Co The, 133 W Washington ..... Franklin 954
Standard Asbestos Mfg Co, 820-22 W Lake . Monroe 2011

Pipe Cutting, Bending & Fabricating.
Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

Pipe & Fittings.
Chicago Tube & Iron Co, 1469 S Jefferson .. Canal 3167

Pipe & Fittings—Cast & Wrought Iron.
Western Plumbing Supply Co, 3228-30 Fillmore ..... Garfield 100

Pipe Fittings, Cast Iron, Semi Steel, Cast Steel.
Limbert Geo B & Co, 558-570 Fulton ..... Main 3984

Pipe Headers (Welded).
National Valve & Mfg Co, (E J Ward, Agt), Westminster bldg ..... Randolph 1961

Pipe Organ Builders.
Coburn Organ Co, 220 N Washtenaw av .... West 1765

Pipe Repair Clamps, Emergency & Joint.
Skinner M B Co, 562 W Washington bl ..... Main 3233

Pipe Tools, Mnfrs.
Greenfield Tap and Die Corporation, 18 S Clinton ..... Main 2106

Piping (Contractors Power)
National Valve & Mfg Co, (E J Ward, Agt), Westmtinster bldg ..... Randolph 1961

Piston Rings.
Blettner Geo H, 1401-5 W Jackson bl .... Monroe 2076
Peerless Piston Ring Mfg Co, 3848-50 N Clark ..... Graceland 3044
Pruyn Henry S Jr, 1919 S Michigan av .. Calumet 3798

Piston Rings, American Hammered.
Pruyn Henry S Jr, 1919 S Michigan av .. Calumet 3798

Planing Mill (Custom Dressing.)
Acme Box Company, 22d and Loomis ..... Canal 484

Plaster.
Bestwall Mfg Co, 25 N Dearborn ..... Randolph 388

Plaster, Exterior Cement, Overcoating & Stoco Work
Kreamer & Co, 118 N LaSalle ..... Franklin 25

Plasterers.
Kreamer & Co, 118 N LaSalle ..... Franklin 25

Platers.
Amber Plating Works (John H. Chapp), 2061 Southport av ..... Diversey 34
Mercil B & Sons Plating Co, 1911 Fulton .. Seeley 1
Monarch Plating Works, 126 S Clinton .... Main 27
See our Catalog Space, page 994.

Platers, Auto Parts, Barre Plating.
Monarch Plating Works, 126 S Clinton .... Main 27
See our Catalog Space, page 994.

Platers, Blue.
Brownie Mfg Co, 548 W Lake ..... Franklin 1

Platers, Electro, Mechanica
Mercil B & Sons Plating Co, 1911 Fulton .. Seeley 1
Monarch Plating Works, 126 S Clinton .... Main 2
See our Catalog Space, page 994.

Platers and Enamelers.
Bagley Alex T Co, 318 S Canal ..... Harrison 1

Platers, and Finishing, Mechanical.
Mercil B & Sons Plating Co, 1911 Fulton .. Seeley
Monarch Plating Works, 126 S Clinton .... Main
See our Catalog Space, page 994.

Platers, Gold, Silver and Nickel.
Bagley Alex T Co, 318 S Canal ..... Harrison

Platers, Gold, Silver & Nickel—Hotel Work.
Neumann & Nobert, 214 N State ..... Central

Platers, Mechanical.
Mercil B & Sons Plating Co, 1911 Fulton . Seeley
Monarch Plating Works, 126 S Clinton .... Main
See our Catalog Space, page 994

Platers, Nickel.
Universal Pure Air Pump Co, 1607-1611 Prairie av, ... Calumet

Platers and Polishers.
Bagley Alex T Co, 318 S Canal ..... Harrison
Brownie Mfg Co, 548 W Lake ..... Franklin
National Stamping & Electric Works, 414-26 S Clinton ..... Wabas

Platers and Polishers' Supplies.
Clinton Supply Co, 117 S Clinton ..... Mai
Crown Rheostat & Supply Co, 15-17 S Desplaines ..... Monr
L'Hommedieu Chas F & Sons Co, 26 S Clinton ..... Frankl
L'Hommedieu Chas F & Sons Co, 4521 Ogden av ..... Lawnda

Platers and Silversmiths
Fife Company 1029 S Wabash av ..... Harris

Platers, Tin.
Doering O & Son Inc 1375 W Lake ..... Mon

Platinum, Bought and Sold.
Cassriel Alexander Co, 128-132 S Wabash. Central 3150

Playground Apparatus & Equipment.
Rothill W S, 1815 Webster av.....Humboldt 1317

Playing Cards—Mnfrs.
Standard Playing Card Co The, 345 W Austin av .....Main 4270

Pleating Machines and Pleating Patterns.
Maxant Button & Supply Co, 118-124 S Clinton .....Main 4037

Plumbers & Gas Fitters.
Hanley & Company, 5 N Lasalle.....Franklin 1855

Plumbers' Brass Goods.
Chicago Faucet Co The, 2712 N Crawford av .....Belmont 785

Plumbers' Supplies.
Imperial Brass Mfg Co, 1200 W Harrison. Haymkt 741
Kelly Thos & Bros, 404 S Kolmar av.....Kedzie 83
Levin L & Co, 709-713 N Wells.....Superior 1636
Shane & Co, 3304-10 Wentworth av.....Drover 409
Verbeek Harry Co, 175 W Jackson bl..Harrison 217
Wolff L Mfg Co, 601 W Lake.....Monroe 150

Plumbers' Supplies (Laundry Trays.)
Chicago Granitine Mfg Co, 3617 Wall....Drover 4193
Wesley Chas Co, 3116-3128 S Canal.....Yards 1095

Plumbers' Tools.
Hifford Peterson Tool Co, 606 W Randolph .....Haymarket 217

Plumbers' Wood Work.
St Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Pneumatic Machinery.
Wright David A, 568 W Washington bl..Franklin 5899

Pneumatic Tools.
Chicago Pneumatic Tool Co, Fisher bldg. Harrison 687

Pneumatic Tubes.
Universal Tube Co, 145 W Ohio.....Superior 1750

Poles.
Fowler John H Co, Fisher bldg.....Harrison 641

Poles (Wood.)
Jungle Pole & Tie Co, 5 S Wabash av..Randolph 6092

Police, Sheriff & Detective Supplies.
Detective Publishing Co The, 1029 S Wabash av.....Harrison 1465

Policy Labels.
Allson H H Co, 501 S Dearborn.....Harrison 2129

Polishing Lime.
Wood Lime Company, 30 N Dearborn. Randolph 897
See our Catalog Space, page 970.

Pork Packers and Lard Refiners.
Cudahy Bros, 141 W Jackson bl.....Harrison 7225

Portrait Copying.
Chicago Portrait Co, 509 S Wabash av. Harrison 6550
Consolidated Portrait & Frame Co, 1029 W Adams .....Haymarket 3812
Naples Portrait & Frame Co, 2054 W Lake. West 3424

Portraits and Frames.
Consolidated Portrait & Frame Co, 1029 W Adams .....Haymarket 3812

Portraits and Picture Frames.
Chicago Copy Co, 1401 Clybourn av....Diversey 4891

Post Card Racks.
Riebel Fred & Co, 6221 Wentworth av...Normal 820

Post Cards, Comics, Birthday, Season Cards, Booklets.
Rigot Max Selling Agency 37 S Wabash av .....Randolph 938

Poster Advertising.
American Posting Service, 757 W Jacksonbl Monroe 1963
Poster Advertising Association, 28 E Jackson bl.....Harrison 32

Poster Lithographers.
Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505

Poster Printers.
Central Printing & Engraving Co, 221 Institute pl .....Superior 4922

Potash Crude Cyanide Prussiate.
Ele-Kem Company, 1508-1516 Clybourn av. .....Diversey 4410
See our Catalog Space, page 930

Poultry Feed.
Dickinson Albert Co The, 35th and California av, ...McKinley 3000

Poultry, Hotels & Restaurants Supplied.
Sloan Geo S & Sons, 62 W South Water...Central 1511

Poultry Supplies Moes Lime Fountains, Feeders, Etc.
Hoeft & Company, 400 N Ashland av.....Monroe 2461

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, McCormick bldg, 332 S Michigan av. Harrison 6602

Powder and Dynamite.
Burton Powder Co, Fisher bldg.....Harrison 5952

Powder, Dynamite & Storage Houses.
Baker Edw J & Co, 10 S LaSalle.....Main 758

Powders, Aluminum, also Sheets, Rods & Wire.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk. Harrison 6628
See our Advertisement, page 32, First Page Opposite Section 1.

Power Equipment.
Pfannmueller Engineering Co, First Nat Bank bldg.....Randolph 16
Power Equipment Co, Fisher bldg.....Harrison 6616

Power Equipment, 2d Hand.
American Machinery & Boiler Co, 1749 N Kenton av.....Belmont 1776

Power Plant Engineers, Consulting & Designing.
Boiler Efficiency Engineers, 608 S Dearborn .....Harrison 401

Power Plant Equipment, Electrcl Inspection & Tests.
Illinois Testing Laboratories, 565 W Washington bl.....Main 1904
See our Catalog Space, page 945.

Power Plant Piping Fabricated.
Limbert Geo B & Co, 558-570 Fulton.....Main 3984

Power Pumping Units.
Leader Iron Works, 327 S LaSalle.....Harrison 2391

Power Pumping Units, Automatic, Electric.
Leader Iron Works, 327 S LaSalle.....Harrison 2391

Power Pumping Units, Gasoline Engine Driven.
Leader Iron Works, 327 S LaSalle.....Harrison 2391

Power Transmission.
Morse Chain Co, Merchants Loan & Trust bldg. .....Central 6555

Power Transmitting Machinery.
Olson Samuel & Co, 2418-22 Bloomingdale av. .....Armitage 780
Street R R & Co Inc, 541-557 W Washington .....Franklin 3450
Weller Mfg Co, 1856 N Kostner av.....Albany 4200

Premium Goods—Aluminum Cooking Utensils.
Great Northern Mfg Co, 215 W Randolph. Franklin 5436

Premium Goods, Wholesale.
Holsman & Co, 179 W Madison.....Franklin 4397
Shure N Co, 237-241 W Madison.....Main 3482

Press Clippings.
Consolidated Press Clipping Co, 431 S Dearborn .....Wabash 2430

Pressed Steel Products.
Hoeft & Company, 400 N Ashland av.....Monroe 2461

Presses, Hydraulic.
Elmes Charles F Engineering Works, 220 N Morgan .....Haymarket 696

Presses—Hydraulic and Power Screw.
Perrin William R & Company, Old Colony bldg. 37 W VanBuren.....Harrison 4374

Presses, Hydraulic & Screw.
Holmes Bros, 500 S Peoria.....Haymarket 2039

Presses—Power Presses of All Description.
Walsh Press & Die Co, 4709 W Kinzie.....Austin 589

Price Cards.
Tablet & Ticket Co The, 624 W Adams .....Haymarket 3883

Printers.
Blakely Printing Co The, 418 S Market...Wabash 912
Cahill-Igoe Co, 117 W Harrison .....Wabash 2141
Donnelley R R & Sons Co, 731 Plymouth ct .....Harrison 350
See our Catalog Space, pages 947 and 997.
Fantus Ernest L Co, 525 S Dearborn ..... Bell-Harrison 8246 Automatic 61-584
Goldschmidt Robert, 537 S Dearborn.....Wabash 2119
Hall W F Printing Co, 466 W Superior..Superior 5080
Kenfield Leach Co, 610 Federal.....Harrison 951
Linden Brothers, 720 S Dearborn.....Harrison 4540
Rand McNally & Co, 538 S Clark.....Wabash 363
See our Catalog Space, page 998.
Rogers & Company, 2001 Calumet av...Calumet 5620
Rogers & Hall Co, 120 Polk.....Wabash 3381
See our Catalog Space, page 996.
Ryan & Hart Co, 324-326 Federal.....Wabash 488
Smith-McCarthy Typesetting Co, 508 S Dearborn..... Bell-Harrison 3864 Automatic 51-282
Tucker-Kenworthy Co, 501 S Lasalle.....Wabash 3378
Weinthrop A D & Co, 626 S Clark.....Wabash 2468

Printers and Binders.
Bentley Murray & Co 159-161 N Wabash av .....Randolph 6140

Printers—Book and Job.
Geraghty & Company, 3035-37 W Lake....Kedzie 401

CHICAGO—continued

Printers—Catalog.
Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947 and 997.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

Printers—Catalog, Mechanical.
Kreicker Wm G & Co, 608 S Dearborn ... Harrison 3241

Printers, Catalogs & Booklets.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

Printers, Label and Folding Box.
Chicago Label & Box Co, The, 312 N May . Monroe 5094

Printers, Magazine & Publication.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

Printers, Offset.
Donnelley R R & Sons Co, 731 Plymouth ct ..... Harrison 350
See our Catalog Space, pages 947 and 997

Printers, Private Editions.
Darrow Printing Co, 633 Plymouth ct ... Harrison 304

Printers, Publications & Magazines.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

Printers & Publishers.
Rand McNally & Co, 538 S Clark ..... Wabash 363
See our Catalog Space, page 998.

Printers, Railroad, Catalog, Booklets and Magazines.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996.

Printers, Railway and Commercial.
Collins J J Sons 1315 W Congress .. Monroe 1541

Printers—Sales Development, Campaigns, Follow up.
Monarch Printing Co, 501-9 Plymouth ct .. Wabash 5768

Printing Ink.
Kohl & Madden Printing Ink Co (The) 124 W Polk ..... Harrison 7445
Okie F E Company, 444 S Dearborn .... Harrison 5461

Printing Machinery (Rebuilt).
Chicago Printers Machinery Works, 721-23 Fulton ..... Monroe 1814
Printers' Machine Works, 180 S Clinton ... Main 1339

Printing Machinery, Type & Supplies.
American Type Founders Co, 517-519 W Monroe ..... Franklin 1188
See our Catalog Space, page 1019.
Lanston Monotype Machine Co, 417 S Dearborn ..... Wabash 1652
See our Catalog Space, page 999.

Printing Press Machinists.
Chicago Printers' Machinery Works, 721 and 723 Fulton ..... Monroe 1814

Printing Presses and Printers Supplies.
Printing Machinery Co The, 552 S Clark .. Wabash 5831

Printing Presses—Self Inking—Hand.
Sigwalt Mfg Co The, 3048 Armitage av ... Belmont 6872

Printing Presses, Sterling 3 Color Sheet Feed Rotary.
Printing Machinery Co The, 552 S Clark .. Wabash 5831

Printing Rollers.
Ideal Roller Co, 215 W Superior ..... Superior 5025

Printing Supplies.
Barnhart Bros & Spindler Throop & Monroe ..... Haymarket 5400
Rouse H B & Co, 2214 Ward ..... Lincoln 2562

Printing Supplies, Diagonal Block & Register Hook.
Printing Machinery Co The, (Warnock), 552 S Clark ..... Wabash 5831

Process Color Work.
Cahill-Igoe Co, 117 W Harrison ..... Wabash 2141

Process Engravers.
Hawtin Engraving Co The, 19 S Wells ..... Main 4103

Production Engineers.
Libby, Parrish & Huls, 327 S LaSalle .... Harrison 384
See our Catalog Space, page 946.

Propellers for Aeroplanes.
Schweizer & West Mfg Co, 310-322 N Ada . Monroe 1839

Provisions.
Barnes R W 141 W Jackson bl ..... Harrison 7670

Public Accountants.
Commonwealth Audit Co, First Nat Bank bldg ..... Randolph 4201

Public Stenographers.
Devlin & Roberts, Conway bldg ..... Randolph 4846
Walsh Edward J, Conway bldg ..... Franklin 2188

Publication Printers.
Rogers & Hall Co, 120 Polk ..... Wabash 3381
See our Catalog Space, page 996

Publications, Motor Truck.
Power Wagon The, 332 S Michigan av .. Harrison 6154

Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), 638 Plymouth ct ..... Harrison 7401
Stationary Engineers Directory Co, 542 S Dearborn ..... Wabash 8957

Publishers, Construction News.
American Contractor The, 6 N Michigan av . Central 3874

Pulley Covering with Heavy Cotton Carpet.
Eclipse Pulley Covering Co The, 2028 W Lake ..... West 1894

Pulleys.
Advance Packing & Supply Co, 11 N Franklin ..... Main 3761
Birkle Machine Works, 128 S Clinton .. Franklin 4570
Gump B F Co, 431-437 S Clinton ..... Wabash 965
Jones W A Foundry & Machine Co, 4408 W 12th ..... Lawndale 5040
Pyott Foundry Co, 828 N Sangamon ..... Monroe 296
Pyott Pulley Co, 955 Carroll av ..... Haymarket 6336
Street R R & Co Inc, 541-557 W Washington ..... Franklin 3450

Pulleys, Clutches, Gearing, Line Shafting Equipment.
Medart Patent Pulley Co, Lytton bldg .. Wabash 151

Pulleys, Hangers & Shafting.
Clinton Supply Co, 117 S Clinton ..... Main 5064

Pulleys—Iron.
Birkle Machine Works, 128 S Clinton ... Franklin 4570

Pulleys—Motor.
Birkle Machine Works, 128 S Clinton ... Franklin 4570

Pulleys, New & 2nd Hand.
Passman Bros, 30 S Green ..... Monroe 6960

Pulleys of All Kinds, Belting, Shafting, New & Used.
Illinois Engineering & Machinery Co, 222-224 N Clinton ..... Franklin 1008

Pulleys, Steel Split and Wood Split.
Chicago Pulley & Shafting Co, 40 S Clinton . Main 1876

Pulverized Coal for Boilers & Industrial Plants.
American Industrial Engineering Co, Monadnock blk ..... Harrison 2380

Pulverizing Mach'y, With & Without Air Separation.
Stroud E H & Co, 928-984 Fullerton av .. Diversey 4517

Pumice.
Ele-Kem Company, 1508-1516 Clybourn av . Diversey 4410
See our Catalog Space, page 930.
Three Products Company, 328 W 37th .... Drover 2884

Pump Valves—Mnfrs.
Birch-Hintz Mfg Co, 1100-1110 S Kilbourne av ..... Garfield 878

Pumps.
Chicago Pump Co, 904-910 W Lake ..... Monroe 508
Economy Pumping Machinery Co, 116-118 N Carpenter ..... Monroe 594
Erwin & Co, 3734 Cottage Grove av ..... Douglas 730
Stannard Power Equipment Co, 53 W Jackson bl ..... Harrison 230
Wise Royal C, 53 W Jackson bl ..... Wabash 74

Pumps, Boiler Feed.
American Steam Pump Co, Monadnock blk . Harrison 23

Pumps, Centrifugal.
American Steam Pump Co, Monadnock blk . Harrison 23
Swaby Mfg Co, 2010 Marshall bl ..... Lawndale 61
Wise Royal C, 53 W Jackson bl ..... Wabash 74

Pumps, Deep Well.
American Steam Pump Co, Monadnock blk . Harrison 23
Erb W B & Co, 523-29 W VanBuren .... Harrison 49
Wise Royal C, 53 W Jackson bl ..... Wabash 74

Pumps, Elevator.
American Steam Pump Co, Monadnock blk . Harrison 2

Pumps, Hand & Power for All Uses.
Deming Co The, (Henion & Hubbel, Rep), 217-221 N Jefferson ..... Main

Pumps, Hydraulic.
Elmes Chas F Engineering Works, 220 N Morgan ..... Haymarket

Pumps, Power.
American Steam Pump Co, Monadnock blk . Harrison 2
Sellar Supply Co, 557-559 W Quincy ..... Main
Western Pump & Engineering Co, 80 E Jackson bl ..... Harrison

Pumps, Spraying, White-Washing & Disinfecting.
Star Brass Works The, 3114-3122 Carroll av. ..... Kedzie
See our Catalog Space, page 1000.

Pumps, Spraying & White Washing.
Hunt Brass Works, 1617-1619 Winona av. ..... Ravenswood
See our Catalog Space, page 1000.

Pumps, Steam and Centrifugal.
Wilson Machinery Co, 331 W 35th ..... Yards

Pumps, Steam, Dredging,
Wise Royal C, 53 W Jackson bl ..... Wabash

Pumps, Tank.
American Steam Pump Co, Monadnock blk. Harrison 2300

Pumps, Vacuum.
American Steam Pump Co, Monadnock blk. Harrison 2300

Punch Boards, Wholesale.
Shure N Co, 237-241 W Madison.....Main 3482

Punch Press Work.
Alcor Mfg Co, 430 S Green.....Monroe 2388
Bersted Forming Tool Co, 763-771 Mather. Monroe 4675
Chicago Metal Mfg Co, 313 S Clinton....Wabash 7105
Grus Leaf Spring Oiler Co, 625 W Jackson bl .....Haymarket 5914
Krasberg Mfg Co, 412-420 Orleans.....Franklin 5964
See our Catalog Space, page 1017.
McMorran Edw E & Co, 126 N Union..Haymarket 66
Moore & Company, 301 W Grand av....Superior 1819
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Quadriga Mfg Co The, 213-221 W Grand av .....Superior 560
Raffel Mfg Co, 4443 Armitage av.....Belmont 553
S & W Manufacturing Co, 312 N May....Monroe 2401
Saal H G Co, 1808-1810 Montrose av. Ravenswood 730
See our Catalog Space, page 941.
Signalite Manufacturing Co, 522 S Clntn. Harrison 7763
Stout Mfg Co, 542 W Harrison.....Wabash 7485
Thompson & Bremer, 850 S Canal.....Wabash 6764

Punch Press Work—Stamping Die and Tool Work.
Krebs Mfg Co, 341-349 E Ohio.....Superior 8611

Punch Presses.
McDonald Machine Co, 3207 Shields av..Drover 5224
Moore & Company, 301 W Grand av....Superior 1819

Punches (Conductors, Office and Restaurant).
McGill Ticket Punch Co, 542 W Harrison. Wabash 3575

Pyrometers.
Brown Instrument Co The, Conway bldg..Franklin 5129
Hoskins Mfg Co, 10 S LaSalle.....Franklin 2074

Quilted Mattress Protectors Table Pads & Padding.
Excelsior Quilting Co, 1417 Jackson bl. Haymarket 5910

Racks, Steel.
Durand Steel Locker Co, 76 W Monroe....Central 6302

Raffle Cards & Sales Boards. (for selling Merchandise).
Goodwin J W Co, 2949-58 W Vanburen..Garfield 1702

Rag Dealers.
National Sanitary Rag Co, 521-523 N Halsted .....Haymarket 2103

Rag Dealers, Mixed Rags.
Davin J & Sons, 2598 Archer av.....Canal 4541

Rags, Graders of New & Old Woolen.
Cohen B & Sons, 1244-50 S Union av.....Canal 3340

Railings.
Chicago Wire Iron & Brass Works The, 2840 Nelson .....Wellington 6676

Railroad Equipment.
Chicago Rail & Equipment Co, 3649 S Rockwell .....Yards 6001
Marsh-Bothe Machinery Co, 37 W Van Buren .....Harrison 2746

Railroad Printers.
Gedstrom-Barry Co, 618-620 Sherman....Harrison 6140

Railroad Printers, Catalogs, Booklets, Magazines.
Rogers & Hall Co, 120 Polk.....Wabash 3381
See our Catalog Space, page 996.

Railroad Supplies.
Frenar Adams & Co, 239-259 E Erie.....Superior 6481

Railroad Ticket Brokers.
Lyons Railroad & Steamship Ticket Office, 310 S Clark .....Wabash 1759

Railroad Ties and Lumber.
Gillis & Co, 29 E Madison.....Central 3967
Monarch Lumber Co, 53 W Jackson bl..Harrison 1840

Railroad Train Orders.
McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

Railroad & Transportation Lines Companies & Agents.
Lyons Railroad & Steamship Ticket Office, 310 S Clark .....Wabash 1759

Rails.
Chicago Rail & Equipment Co, 3649 S Rockwell .....Yards 6001

Railway Necessities.
Wood Guilford S, 20 W Jackson bl.....Harrison 2942

Railway Signals.
Protective Signal Mfg Co The, 122 S Michigan av .....Harrison 2537

Railway Supplies.
Robertson Wm & Co, 20 W Jackson bl...Harrison 174

Raincoat Manufacturers, Ladies' & Men's.
Chicago Raincoat Co Inc, 1427 Carroll av. .....Haymarket 4266

Range Boilers & Expansion Tanks.
Wood John Mfg Co, 321 E Grand av....Superior 4111

Ranges, Broilers & Cooking Apparatus.
Traub Wm F Range Co, 231 W Superior. Superior 7670

Ranges, Coffee Urns and Steam Tables.
Stearnes Company The, 215 N Michigan av .....Randolph 4318

Ranges, Steam Tables & Complete Kitchen Equipment.
Cross-Wells Co The, 17-19 S Wabash av. Randolph 6188

Rat Annihilators, Trained Ferrets Used Only.
Advance Vermin Exterminating Co, 162 E Superior .....Superior 8655

Rat Catchers, Trained Ferrets Used Only.
Advance Vermin Exterminating Co, 162 E Superior .....Superior 8655

Rat Exterminators.
McCloud W B & Co, 1012 N Wells.....Superior 568
Rose Rat Exterminator Co, 56 E Randolph Central 2777
Winthrop, 6208 Winthrop av.....Edgewater 2355

Razor Strops Manufacturers.
Irwin Leather Goods Co, 111-113 S Jefferson .....Franklin 1808

Real Estate.
Anderson C T A, 35 S Dearborn.....Randolph 3335
Beardslee Louis B, (Switch Track & Dock Properties Exclusively), 38 S Dearborn..Randolph 3811
Brockman Albert J, 111 W Washington. Franklin 5224
Cummings E A & Co, 40 N Dearborn.....Central 24
Friend Alex & Co, 29 S LaSalle.....Randolph 4916
Hart & Whetston, factory property in Chicago exclusively, 5 N Lasalle....Franklin 1186
Knight John B & Co, 74 W Washington. Randolph 242
Loeber Paul C & Co, Conway bldg.....Franklin 757
Lueder Arthur C, 40 N Dearborn.....Central 4001
Magill John R & Co, 35 N Dearborn.....Central 7900
Newbury Geo G & Co, 6 N Clark.....Main 1624
Pridmore W A, (Real Estate, Investments and Valuations) City Hall Square bldg. Central 1211
Southard & Trainer, 30 N Michigan av..Central 971
Woltersdorf E & Co, 40 N Dearborn.....Central 5934

Real Estate—Industrial.
Hedenberg James W, (Send for Industrial Map 50 cents), 40 N Dearborn.....Central 1121
Mills Walter, 30 N Lasalle.....Franklin 923
Reilly Wm J, 127 N Dearborn.....Central 8378

Reamers.
Cleveland Twist Drill Co The, (A L Beardsley, Agent) 9 N Jefferson.....Main 2866
Whitman & Barnes Mfg Co The, (J C Scanlon, Agt), 565 Washington.....Franklin 2210

Reamers, Straight & Spiral Fluted—Mnfrs.
Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

Receptacles.
"Diamond H" (The Hart Mfg Co), 411 S Jefferson.....Harrison 6521

Recorders, CO_2
Combustion Appliances Co, 7101 N Clark .....Rogers Pk 570

Reflectors.
American Reflector & Lighting Co, 517-23 W Jackson bl .....Harrison 206
National X-Ray Reflector Co, (Norman B Hickox, Sales Mngr), 235 W Jackson bl.....Wabash 2982
Overbagh & Ayres Mfg Co, 411 S Clinton. Harrison 3329
Watkins Frederick A, 565 W Washington. Franklin 3663

Refrigerating and Ice Making Machinery.
Peerless Ice Machine Co The, 72 W Adams .....Randolph 742

Refrigerating and Ice Plants.
Vilter Mfg Co The, Monadnock blk.....Harrison 1627

Refrigerating Machines.
Kroeschell Bros Ice Machine Co, 460-472 W Erie.....Superior 8680

Refrigerator Builders.
Bromann Bros, Fulton and Peoria sts.....Monroe 4082
Matot D A 1538-1546 Montana.....Lincoln 2

Refrigerators.
Bromann Bros, Fulton and Peoria sts.....Monroe 4082
Randall A L Company, 180 N Wabash av..Central 7720

Refrigerators (Manufacturers of All Kinds).
White Enamel Refrigerator Co, 68 E Washington .....Randolph 621

Refrigerators—For all Purposes.
Cross-Wells Co The, 17-19 S Wabash av Randolph 6188
Daemicke Paul J Co, (Butcher Boy), 321 W South Water.....Main 3773
McCray Refrigerator Co, 1000 S Michigan av. .....Wabash 5880

Refrigerators for Butchers, Grocers & Florists.
Reliable Store Fixture Co Inc, 448-450 N Wells.....Franklin 3380

Refrigerators For Markets, Hotels and Residences.
Brunswick-Balke Collender Co The, 623-625 S Wabash av .....Harrison 6220

Refrigerators & Insulators for All Purposes.
Crosby Gustus Erzinger Co, (Formerly with Orr & Lockett Hardware Co), Carroll av & Elizabeth.....Monroe 2971

Refrigerators, Market and Store Fixtures.
Bromann Bros, Fulton and Peoria sts.....Monroe 4082

CHICAGO—continued

Refuse Burners—Portable, Approved by Chicago.
Doolan Manufacturing Co The, 817 Larrabee ..... Superior 6269

Regalia, Society Goods and Buttons.
Lauterer Geo Co, 222 W Madison..... Main 4728

Registers, Warm Air.
Smith V A Smith Company, 236 W Lake... Main 2971

Regulators—Oxygen and Acetylene.
Bastian Blessing Co The, 125-131 W Austin av ..... Franklin 1717

Restaurant Checking Systems & Coupon Books.
National Checking Company, Republic bldg, State & Adams..... Wabash 722

Restaurant Cooking Apparatus.
Stearnes Company The, 215 N Michigan av ..... Randolph 4318

Restaurant Fixtures, Designers & Mnfrs.
American Store Fixture Co, 121-125 S Halsted ..... Monroe 5540
Inter-Ocean Cabinet Co, 322-326 S Paulina. West 3319

Restaurant & Hotel Outfitters, China, Glass, Silverware.
Restaurant China Co, 133 W Lake..... Franklin 2116

Restaurant & Hotel Ranges.
Traub Wm F Range Co, 231 W Superior. Superior 7670

Restaurant Kitchen Equipment.
Simonds Range Co, 127 N Market..... Main 2138

Rheostats.
Schaefer Bros Co, 1059 W Eleventh..... Monroe 806

Ribbon Manufacturers.
Barton F C, (Domestic Ribbons, Silk Tapes a Specialty) Brooks bldg 223 W Jackson bl ..... Wabash 2741
Chicago Printed String Co, 313 S LaSalle. Harrison 897

Rings, Wood, Special.
La Pierre Henry M Co, 1314 W 21st..... Canal 3137
See our Catalog Space, page 1026.

Rivet Sets.
Rich Tool Co, 80 E Jackson bl..... Harrison 3537

Rivet Sets & Pneumatic Tools.
Octigan Drop Forge Co, 25th & Lowe av. ..... Boulevard 8414
See our Catalog Space, page 943.

Rivets.
Boss Nut Co, 1732 N Kolmar av..... Albany 4010
Central Screw Co, 3500 Princeton av..... Drover 6210

Rivets, All Kinds.
Interstate Iron & Steel Co, 38 S Dearborn. Central 3264

Rivets, All Metals to Order.
Pheoll Mfg Co, 5702 W 12th..... Columbus 300

Rivets and Bolts.
Dearborn Steel & Iron Co, 122 S Michigan av ..... Harrison 1251

Road Rollers.
Shaw Willis, 80 E Jackson bl..... Harrison 22

Rock Crushers.
Moore Bros, 39 S Lasalle..... Majestic 7396

Rods, Aluminum, also Ingots, Pigs, Sheets & Wire
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk Harrison 6628
See our Adv., page 32, First Page Opposite Section 1.

Roller Bearings.
Pyott Co, 955 Carroll av..... Haymarket 6336

Roller Bearings, Taper.
Standard Roller Bearing Co, 2206 S Michigan av ..... Calumet 243

Rolling Shutters.
Guaranty Iron & Wire Co, 2851 W Lake. Garfield 7259

Roofers.
Murdoch Wm Co, work done anywhere in the U S, 30 N Lasalle..... Franklin 4316
National Roofing Co, 3222 Wentworth av... Yards 1187
Pangere & Manta Co, 110 S Dearborn.. Randolph 6561
Standard Roofing Co The, 1615-23 W Lake.. West 5884

Roofing.
Biegler E N Inc, 2730 N Rockwell..... Humboldt 135

Roofing, Asphalt Shingles.
Barber Asphalt Paving Co The, (Genasco Brand), Tribune bldg..... Randolph 3042

Roofing Materials.
American Tar Products Co, 208 S LaSalle. Wabash 6396
Beckman-Dawson Roofing Co, 19 S Lasalle. Central 4479
Hopkins H H Co, 111 & 113 W Lake..... Main 750
Sall Mountain Company, 230 S LaSalle.... Wabash 1840

Roofing, Prepared.
Heppes-Nelson Roofing Co The, 4500 Fillmore ..... Kedzie 2365

Roofing Tile.
Ludowici-Celadon Company, Monroe bldg. Randolph 6740

Rope—Manila.
Curtis & Co Mfg Co, (Plymouth), 215 N Desplaines ..... Monroe 3441

Rope, Sisal, Manilla, Cotton, Jute.
Schermerhorn Bros Co, 5 N LaSalle..... Main 4460

Rope, Wire.
Page Steel & Wire Co, 129 S Jefferson.. Franklin 4280

Rosin.
London-Savannah Naval Stores Co, 140 N Dearborn ..... Majestic 7311

Rosin Oil (Size & Pitch).
National Rosin Oil & Size Co, Ashland blk ..... Central 5372

Rosin & Turpentine.
Central Commercial Co, 111 N Market..... Main 733
General Naval Stores Co, 332 S Michigan av..... Harrison 6587

Rubber Brushes for All Machines.
Sanitary Bottle Washing Co Ltd, 217 W Illinois ..... Franklin 3832

Rubber Goods.
Advance Packing & Supply Co, 11 N Franklin. Main 3761

Rubber Goods (Mnfrs.)
Mechanical Rubber Co The, 307 W Randolph ..... Franklin 424
Williams-Bowman Rubber Co The, 1941-47 S 54th av, P O, Cicero, Ill..... Lawndale 7400

Rubber Goods—Hard Rubber Goods.
Vulcanized Rubber Co The, 200 S State.. Harrison 1271

Rubber Goods—Hose Belting & Packing.
Carpenter Geo B & Co, 430-440 N Wells. Franklin 3344

Rubber Moulds.
Birch-Hintz Mfg Co, 1100-1110 S Kilbourn av ..... Garfield 8788

Rubber Scrap.
Loewenthal Co The, 947 W 20th..... Canal 999

Rubber Scrap, New & Old.
Muehlstein H & Co, 114 W Vanburen Bell-Harrison 4936
..... Automatic 68-392

Rubber Stamps.
American Seal & Stamp Works, 118-120 S Clark ..... Randolph 1731
Columbia Stamp Works, 312 S Clark .... Wabash 3627
Koch G & Co, 71 W Randolph..... Central 3655
Time & Energy Co The, 9 S Clinton..... Main 1142
Turley Stamp Works, 338 Sherman.... Wabash 7177

Rubber Stamps, Numbering Machines Etc.
Safford Stamp Works, 203 W Madison..... Main 2057

Rubber Sundries.
Davol Rubber Co, 209 S State..... Harrison 3987

Rug Weavers, Fluff.
Chicago American New Method Rug & Carpet Cleaners, 4835 W Chicago av..... Austin 778

Rugs.
Richardson O W & Co, Wabash av and Congress ..... Harrison 693

Rugs, Oriental.
Nahigian Bros, 122 S Wabash av..... Randolph 204

Rust Proofing.
Brownie Mfg Co, 548 W Lake ..... Franklin 128

Safe & Lock Experts, Safes Opened & Repaired.
Gebhardt Louis Safe & Vault Co, 2234 W Lake ..... Seeley 7

Safe Movers & Vault Erectors.
Mandelbaum J, 125 S Wells..... Main 40

Safe & Time Lock Experts, Mnfrs & Engineers.
Chicago Time Lock Co, 2765 St Mary's. Humboldt 68

Safes.
Baum J Safe & Lock Co The, 157 W Kinzie ..... Franklin 30
Trumbull Safe & Vault Co The, 77 W Lake Central 7

Safes & Vaults, Mnfrs.
Mosler Safe Co The, First Nat'l Bank bldg. ..... Randolph 1

Safety Devices for Power Presses.
Walsh Press & Die Co, 4709 W Kinzie.... Austin

Safety Devices for Windo Cleaners.
Whitner 2-Rope Safety Co, 455 S Clark. Harrison 6

Safety First Devices.
Wood Guilford S, 20 W Jackson bl.... Harrison 2

Safety First Supplies (All Industries).
Safety Service & Supplies Co, 9003 Commercial av..... South Chicago
See our Catalog Space, page 1003.

Safety, Gasoline & Oily Waste Cans.
Diener Geo W Mnfg Co, 400-416 N Monticello av ..... Kedzie

Safety Paper.
La Monte George & Son, First National Bank bldg, 38 S Dearborn.....Randolph 1113

Sales Boards.
Herbert Specialty Mfg Co, Transportation bldg .....Wabash 4712

Sales Plans.
Rankin Wm H Co, 104 S Michigan av...Randolph 6600
Voorhees Flora Alfaretta, 16 N Wabash av.Central 5589
See our Adv., opposite title page, Catalog Section
Woodwards Incorporated, 910 S Michigan av. .....Harrison 6763

Salt-Petre.
Ele-Kem Company, 1508-1516 Clybourn av. Diversey 4410
See our Catalog Space, page 930

Sample Case Designers & Mnfrs.
Wenderoth Frank & Co, 609-613 N Lasalle .....Superior 2650

Sample Case Mnfrs.
Acorn Leather Case & Trunk Co, 218 W Kinzie .....Franklin 2989
Chicago Case Mnfg Co, 218 N Morgan...Monroe 4227
Knickerbocker Case Co, Fulton & Clinton...Main 4621
See our Catalog Space, page 1003.

Sample Cases—Leather, Fiber & Canvas.
A & A Trunk & Case, 29 S Wells.....Main 2936

Sample Cases and Trunks Made to Order.
Haskell Brothers, 165-167 N Green.....Monroe 870

Sample Trunks.
A & A Trunk & Case Co, 29 S Wells.....Main 2936

Sanatariums, Radium Treatment Only.
Radium Institute, Mallers bldg.....Randolph 5794

Sanitary Accessories, Napkins, Belts, Diapers, Etc.
Solvos Co The, 4216 Calumet av.....Drexel 617
See our Catalog Space, page 1004.

Sanitary Wiping Cloths.
Baylis Sanitary Wipers Co, 341 W Superior .....Superior 907

Sash & Door (Mnfrs.)
Standard Sash & Door Co, 5815-5823 S Racine av .....Wentworth 41

Sash, Doors & Blinds.
McKay Angus Co, 726 S Desplaines.....Monroe 2937

Sash Doors, Frames & Mouldings.
Weise Alexander, 24th pl & Normal av....Calumet 3759

Sash Locks.
Payson Mfg Co The, 2920 W Jackson bl..Kedzie 988

Sash Operating Devices.
Payson Mfg Co The, 2920 W Jackson bl..Kedzie 988

Sash Operators.
Dean Olney J & Co, 19 S LaSalle.....Central 3462

Sausage Casings.
Berth Levi & Co, 1701 S Clark.....Calumet 2745
Chicago Casing Co, 3735 S Halsted.....Drover 9307
Hanak B B Co, 1338 W Randolph.....Monroe 14
See our Catalog Space, page 1008.
Oppenheimer Casing Co, 1020-28 W 36th..Drover 8000
Oppenheimer S & Co, 2700 S Wabash av..Calumet 5444
Patent Casing Co, 617 W 24th pl.....Drover 581

Sausage Manufacturers.
Berg David & Co, 449 W 37th.....Yards 824
Hetzel & Company, 1748-1817 Larrabee..Lincoln 1185
Mayer Oscar F & Bro, Sedgwick & Beethoven pl .....Superior 8500
Mutual Sausage Co, 2713-19 Quinn.....Yards 4055

Savings Banks (Mnfrs.)—Pocket and Home.
Stronghart Company, 1510-1516 S Wabash av .....Calumet 6264

Saw Mills Manufacturers.
Curtis & Co Mfg Co, 215 N Desplaines....Monroe 3441

Saws, Manufacturers.
Curtis & Co Mnfg Co, 215 N Desplaines..Monroe 3441
Woodworkers Tool Works, 230 S Clinton...Main 3804

Saws, Metal Band & Hack Saw Machine.
Armstrong Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004.

Scaffolding.
United States Ladder Co, Otis bldg.....Franklin 1448

Scale Examining, Testing & Repairing.
Acme Scale Co Inc, 534-536 N Wells....Superior 504

Scales.
Columbia Scale Co, 2439 N Crawford av.Albany 4

Scales (Automatic.)
Watling Mfg Co, 1029-1035 W Adams....Monroe 465

Scales (Coin Operated.)
Industry Novelty Co, 2901-3-5-7 Indiana av .....Calumet 4
Mills Novelty Co, Jackson & Green.....Monroe 2017
Watling Mfg Co, 1029-1035 W Adams..Monroe 465

Scales (Counting).
National Scale Co, Kimball Hall.....Harrison 3779

Scales—Even Balanced. Counter Scales.
Flesch J A & Son, 700-704 W Division..Diversey 2685

Scales for Families & Parcel Post.
Hanson Brothers, 525 N Ada.....Monroe 4837

School Desks & Furniture.
Stafford E H Mfg Co, 218 S Wabash av..Harrison 8196

School Fraternity & Class Pins, Rings, Medals.
Winship Chas A & Co, Masonic Temple..Central 1380

School Furniture and Supplies.
Beckley Cardy Co, 312 W Randolph.....Franklin 4036

School Information.
Amer Schools' Association, Free catalogs, all schools in U S, 159 N State.....Central 6648

School Program Clock Mnfrs.
Sohm Electric Co, 141 W Austin av.....Franklin 4357

Schools.
Chautauqua & Lyceum Coaching School The, 57 E Jackson bl.....Wabash 7569
Illinois Post Graduate & Training School for Nurses, 546 Garfield av .....Lincoln 2155
See our Catalog Space, page 983.
National Conservatory of Music (Inc Chicago), 218 S Wabash av.....Wabash 4279

Schools—Dental.
Carr School of Preventive Dentistry & Medicine The, 30 N Dearborn.....Central 1187

Schools, Normal Course for Physical Directors.
Chicago Normal School of Physical Education, 430 S Wabash av.....Wabash 8568

Schools, Physical Culture, Swedish Massage & Therap.
Kellberg Institute Est, 1881, 109 N Dearborn .....Central 2632

Schools, Teachers' Commercial Institute.
Tyro System The, 3856 Grand bl.....Douglas 3770

Scrap Iron.
Briggs & Turivas, 110 S Dearborn.....Randolph 1656
Calumet Iron & Metal Co, 4022 S Wells..Drover 6395
Lieberman Joseph L Iron Co, 110 S Dearborn .....Randolph 5968
Milwaukee Iron & Metal Co, 2204 S Throop.Canal 7125
Ohio Iron & Metal Co, First Nat Bank bldg Central 5404
Seffren Scrap Iron & Machinery Co, 213 N Halsted .....Haymarket 3759

Scrap Metal.
Metal Products Co, 100 S Jefferson....Haymarket 7166

Scrap Paper.
Mendelson Bros Paper Stock Co, 910 S Michigan av .....Harrison 2840

Scrapers, Power.
Sauerman Bros, Monadnock blk.....Harrison 4029

Screens.
Robbins Mfg Co, 1815 N Central Park av.Albany 2600

Screw Anchors—Expansion.
Star Expansion Bolt Co, 120 W Lake.....Main 2649

Screw Anchor, Expansive.
Ackerman-Johnson Co, 625 W Jackson bl.Monroe 2215

Screw Cutting Tools & Machinery, Mnfrs.
Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

Screw Machine Products.
Advance Tool Works, 2300 Warren av.....Seeley 2928
Chicago Mfg Screw Co, 308 W Ontario...Superior 7073
Chicago Nut Company, 2513, 39 W 20th.Lawndale 3314
E C Mfg Co, 522 S Clinton.....Harrison 8669
Economy Manufacturing Company, 4755-57 London av .....Irving 4485
Henry G J Mfg Co The, 3262-3270 W Grand av .....Belmont 1308
National Sewing Machine Co, 320 W Madison .....Franklin 4420
Nelson A Mfg Co, 564-572 W Randolph.....Main 1170
Quadriga Mfg Co The, 213-221 W Grand av .....Superior 560
Saal H G Company, 1808-1810 Montrose .....Ravenswood 730
See our Catalog Space, page 941.
Screw Machine Specialty Co, 1132 W Austin av .....Monroe 5133
Steffenson Bros, 552 W Harrison.....Wabash 6604
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

Screw Machine Products Stampings, etc.
Chicago Metal Products Co, 501-17 S Jefferson .....Wabash 4122

Screw Machine Work.
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Shank Cyrus Co, 625 W Jackson bl....Haymarket 673
Thompson & Bremer, 850 S Canal.....Wabash 6764

Screw Machines, Mnfrs.
Wright David A, 568 W Washington bl...Franklin 5899

Screw Plates for All Purposes, Mnfrs.
Greenfield Tap and Die Corporation, 13 S Clinton .....Main 2106

Screws, Machine, Made in All Metals.
Pheoll Manufacturing Co, 5702 W 12th.Columbus 300

Screws Safety Sets (Hollow).
Allen Mfg Co, 130 N Wells.....Franklin 5326

CHICAGO—continued

Scroll Saw Blades, Mnfrs.
Swett Frank W & Son, 1716-18 W Adams...West 2508

Scuppers, Underwriters'.
Dean Olney J & Co, 19 S LaSalle.....Central 3462

Seal Presses, Notary & Corporation.
Time & Energy Co The, 9 S Clinton.....Main 1142

Sealing Machines and Gummed Paper.
Metal Specialties Mfg Co, 338-352 N Kedzie .....Garfield 440

Sealing, Mailing & Envelope Stamping Machines.
Mail-O-Meter Sales Company, 39 S LaSalle .....Randolph 1673

Seals, Corporation and Notary.
American Seal & Stamp Works, 118-120 S Clark .....Randolph 1731
Koch G & Co, 71 W Randolph.....Central 3655
Safford Stamp Works, 203 W Madison.... Main 2057

Seals, Gummed Paper.
Willson H H Co, 501 S Dearborn.....Harrison 2129

Seals, Stock Certificates, Bonds, Record Books.
Middleton J W & Co, 35 S Dearborn....Central 1435

Seating, Schools, Movies, Church & Railw'y Depot.
Stafford E H Mfg Co, 218 S Wabash av..Harrison 8196

Seats, Bath Tub.
Queen Manufacturing Co, 309-313 S Clinton .....Harrison 267

Seats, Childrens Folding Toilet.
Queen Manufacturing Co, 309-313 S Clinton .....Harrison 267

Second Hand Machinery.
Moore Bros, 39 S Lasalle.....Majestic 7396

Secret Society Emblems, Gold, Silver & Plated.
Winship Chas A & Co, Masonic Temple..Central 1380

Seeds.
Barnard W W Co The, 231-235 W Madison.Franklin 635
Dickinson Albert Co The, 35th and California av .....McKinley 3000
Leonard Seed Co, 226-230 W Kinzie.....Main 2762
Peacock Everette R Co, 4013 Milwaukee av.Irving 380

Seeds, Grass & Field Wholesale.
Illinois Seed Co The, 349-369 E North Water .....Randolph 5654

Self-Playing Violin & Piano
Mills Novelty Co, Jackson & Green.....Monroe 2017

Semi Steel Castings.
Ferguson & Lange Foundry Co, Clybourn av and Willow.....Lincoln 74

Service Flags.
Chicago Flag & Decorating Co The, 1345-1347 S Wabash av.....Calumet 3271

Sewing Machine Needles.
National Sewing Machine Co, 320 W Madison .....Franklin 4420

Sewing Machine Supplies For All Kinds of Machines.
Foley-Williams Supply Co, 19 W Jackson bl .....Harrison 7534

Sewing Machines.
Saltzman Joseph & Co, (Sewing Machines, Motors, Pressing Machines, Cloth Cutting Machines, for Garment & Cutting Up—Trade factory equipment Bought & Sold), 571 W Van Buren.....Wabash 279
Woodlawn Sewing Machine Store, 917 E 63d .....Blackstone 2834

Sewing Machines (Mnfrs.)
National Sewing Machine Co, 320 W Madison .....Franklin 4420

Sewing Machines, Electric.
Lincoln Electric Works (R J Morgan), Heyworth bldg.....Randolph 4142

Shafting.
Union Drawn Steel Co, 564 W Adams....Franklin 4280

Shafting (Flexible.)
Strand N A & Co, 625 W Jackson bl....Monroe 6120

Shafting and Hangers.
Gump B F Co, 431-437 S Clinton.....Wabash 965
Jones W A Foundry & Machine Co, 4408 W 12th .....Lawndale 5040
Street R R & Co Inc, 541-557 W Washington .....Franklin 3450

Shafting Hangers & Pulleys.
Passman Bros, 30 S Green.....Monroe 6960

Shapes & Elevator Guides.
Union Drawn Steel Co, 564 W Adams...Franklin 4280

Shavings—Baled & Sawdust.
Shavings & Sawdust Co (We buy & sell Baled Shavings & Kiln Dried Sawdust, all kinds) 2416 W 23d .....Canal 283

Shavings and Dust Collecting Systems.
Allington & Curtis Mfg Co The, Monadnock blk .....Harrison 335
Cyclone Blow Pipe Co, 2542-52 W 21st.Lawndale 1910

Shears, Squaring.
Ewert & Kutscheid, 921 W 49th pl.....Drover 8832

Shears & Punches, Hand Power.
Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
See our Catalog Space, page 1004.

Sheathing Paper.
Brown Company, 110 S Dearborn.....Central 6494

Sheaves.
Pyott Foundry Co, 328 N Sangamon....Monroe 296

Sheaves (Iron & Steel).
National Equipment Co, 125-127 S Racine av. .....Monroe 4036

Sheet Iron and Metal Work.
Doering O & Son Inc, 1375 W Lake....Monroe 921

Sheet Iron and Tin Work.
Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Schmidt Samuel, 158-160 N Desplaines.Haymarket 71

Sheet Iron Work.
Cyclone Blow Pipe Co, 2542-52 W 21st.Lawndale 1910
Haines Co The, 1933 W Lake.....Seeley 4023

Sheet Metal.
Laboratory Metal Goods Co, 800 Sibley.Haymarket 4142

Sheet Metal Specialties.
Advance Metal Mfg Co, 100 S Jefferson.Haymarket 887
Chicago Metal Mfg Co, 313 S Clinton....Wabash 7105
Kraus A C, 317 W Lake.....Main 2795

Sheet Metal Specialties—Designers & Mnfrs.
D L & F Co The, 516 N Lasalle.....Superior 9166

Sheet Metal Stamping and Special Washers.
Hoeft & Company, 400 N Ashland av.....Monroe 2461

Sheet Metal Stampings.
Chicago Metal Mfg Co, 313 S Clinton....Wabash 7105

Sheet Metal Work.
Chicago Metal Mfg Co, 313 S Clinton....Wabash 7105
National Stamping & Electric Works, 414-26 S Clinton.....Wabash 3560
Weller Mnfg Co, 1856 N Kostner av.....Albany 4200

Sheet Steel & Iron.
Dearborn Steel & Iron Co, 122 S Mich av.Harrison 1251

Sheetings (Sanitary)—Infants Goods.
Omo Mfg Co (De Graff & Palmer) 223 W Jackson .....Wabash 4123

Sheetings—Transparent and Colored.
Arlington Company (Py-ra-lin), 14 N Franklin .....Main 1932

Sheets, Aluminum, Lead, Zinc & Copper.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Adv., page 32, First Page Opposite Section 1

Shellac Importers & Shellac Varnish Mnfrs.
Goldschmitt Chas, 11-15 E South Water...Central 563

Shellac, Varnish and Gums.
Barrett M L & Co, 233 W Lake.....Main 1

Shellacs.
Franche C E & Co, 440 Orleans.....Main 425

Shelving Steel.
Durand Steel Locker Co, 76 W Monroe....Central 630
Federal Steel Fixture Co, Security bldg.Franklin 432

Shims—Special for Engine Builders.
Hoeft & Company, 400 N Ashland av.....Monroe 24

Shingles Asphalt.
Heppes-Nelson Roofing Co The, 4500 Fillmore .....Kedzie 23

Shingles, Cedar.
Brown Company, 110 S Dearborn.....Central 64

Shipbuilders, Barges, Scow Floats.
American Car & Foundry Co, Railway Exch bldg .....Harrison 8

Shipping Guide.
Shippers Guide Co The, 523 Plymouth ct.Harrison

Shipping Packing, Moving Storage of Household Good
Fort Dearborn Fireproof Storage Co, 4615 Clifton av.....Ravenswood
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S Dearborn .....Harrison
See our Catalog Space, page 1011

Shipping Tags, Mnfrs.
International Tag Co, 652 W Lake....Haymarket

Shirt Manufacturers, Negligee & Flannel.
Loewy J & Co, (E F Cornell, Rep), 412 S Wells.....Wabash

Shoe Exporters.
Steinberg Norman L & Co, 14 E Jackson bl ..... Harrison 1147

Shoe Findings.
Gluck Michael Co Not Inc, 186 N LaSalle... Main 3876

Shoe Illustrators.
Grieco C Commercial Art Co, 179 W Washington ..... Franklin 3526

Shoe Mnfrs. and Wholesale Dealers.
Smith R P & Sons Co, 224 S Franklin... Wabash 2704

Shoe Specialists, Fit any Foot.
Hoeffel J F & Son (Latest Styles for Perfect Feet, Broken Arches, Corns, Weak Ankles, Short Limbs) 339 S Wabash av..... Harrison 3124

Shoring Contractors.
Crowe Bros, 133 W Washington..... Main 3158
Friestedt L P Co, Tribune bldg..... Randolph 296

Show Cards, Price Tickets, Signs of all Kinds.
New York Sign & Show Card Works, 10 N Clark ..... Main 1117

Show Cards & Price Tickets for Window Display.
Hrody Jos T, 208 W Madison..... Main 5173

Show Cards and Signs.
McAleer Show Card Service, 68 W Washington ..... Central 6760

Show Cases.
Crampton Manufacturing Co, 1518 E 53rd. Midway 784

Show Cases of every description.
Reliable Store Fixture Co Inc, 448-450 N Wells..... Franklin 3380

Show Cases & Counter Protections.
Hanak B B Co, 1338 W Randolph..... Monroe 14
See our Catalog Space, page 1008.

Show Cases & Store Fixtures
Inter-Ocean Cabinet Co, 322-326 S Paulina. West 3319

Shower Baths—Needle Bath & Bath Tub Fixtures.
Coetz Brass Company, 630 N Franklin... Superior 4320

Side Bearings, Railway.
Joliet Railway Supply Co, 40th & Princeton av ..... Drover 2415

Sign & All Inside & Out Door Display Printers.
Central Printing & Engraving Co, 221 Institute pl ..... Superior 4922

Sign Boards.
Chicago Sign Board Co, 163 N Morgan... Monroe 1968

Sign Letters.
Spanjer Bros, 1160 Chatham ct..... Diversey 2957

Sign Letters, Electric-Raised Glass.
Opalite Sign Co The, 405 N Wells..... Franklin 5519

Sign Painters.
Brouk Peter F & Co, 3933 Colorado av... Kedzie 3942

Sign & Show Card Writers—Air Brushes.
Wold Air Brush Mfg Co The, 716 W Madison ..... Monroe 1934

Sign & Show Card Writers Supplies.
Wallbrunn, Kling & Co, 327 S Clark..... Wabash 810

Signs.
Meyercord Co The, Chamber of Commerce... Main 1461
Osgood Signs (Signs Painted, Locally & Nationally), 953 Roscoe..... Lakeview 1508
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description), 20 W Jackson bl..... Harrison 6878
Pause P & Company, 400-16 W Erie.... Superior 2097

Signs (Changeable).
Tablet & Ticket Co, The, 624 W Adams... Haymkt 3883

Signs—Aluminum & Brass, Etched.
Etching Co of Am, 2526 W Congress..... West 3070

Signs, Bronze & Brass.
Manton & Smith Co, 1709 W Austin av Haymarket 6145

Signs, Bulletins & Milepost Mnfrs.
American Advertising Service Inc, 123 W Madison..... Majestic 7567

Signs, Cloth Printed.
Geraghty & Company, 3035-37 W Lake.... Kedzie 401

Signs, Danger, Railroad, Mines, Road Guides, Street.
Enameled Steel Sign Co, 222 N State.... Central 4181

Signs, Decalcomania Transfer.
Meyercord Co The, Chamber of Commerce... Main 1461

Signs, Electric.
Opalite Sign Co The, 405 N Wells..... Franklin 5519

Signs, Electric—Window Display.
Commercial Utilities Mfg Co, 160 N Wells ..... Franklin 834

Signs, Enameled Advertising.
Burdick Enamel Sign Co The, 220 S State Wabash 7458

Sign Mnfrs., Metal, Flange, Muslin, Fibre, Cardb'rd.
Enameled Steel Sign Co, 222 N State.... Central 4181

Signs & Show Cards—Advertising.
Common Sense Novelty Co, 972-982 Montana ..... Lincoln 5405

Silica.
Three Products Company, 328 W 37th.... Drover 2884

Silk Bolting Cloth.
Gump B F Co, 431-437 S Clinton..... Wabash 965

Silk—Importers, Converters and Distributors.
Woolf Morris Silk Company, 200 W Adams ..... Franklin 1536

Silk Lamp Shades, Mfgrs.
Silk Shade & Novelty Co, 533 S Wabash av ..... Harrison 5310

Silk Mnfrs.
Heineman Oscar Co, 2701-2745 Armitage av ..... Humboldt 761

Silver, Metal & Jewelry Cleaner.
Lindlar M W & Co (Trade (Revilation) Mark), 1837 Prairie av..... Kenwood 774

Silver Plated Ware-To Rent.
Boetter Jean, 1931 S Wabash av..... Calumet 478

Silver & Plated Wares: Also Hotel & Premium Silver
Wallace R & Sons Mfg Co (R W Morris Mgr) 10 S Wabash av..... Randolph 2714

Silversmiths.
Rogers Lunt & Bowlen Co, 5 N Wabash av. Central 605

Silverware, Handmade.
Petterson Studio The, Specialize in made to order gifts, 1926 S Wabash av... Calumet 3171

Silverware, Wholesale.
Shure N Co, 237-241 W Madison..... Main 3482

Skates.
Chicago Roller Skate Co, 1353 Fulton.... Monroe 3408

Skylights and General Sheet Metal Work.
Baker Edw J & Co, 10 S LaSalle..... Main 758

Slate.
Davis Slate & Mfg Co, 618 E 40th..... Oakland 6880

Slides.
Chicago Transparency Co, 143 N Dearborn. Central 5424
Columbia Slide Co, 19 S Wells..... Franklin 3904

Slot Machines.
Industry Novelty Co, 2901-3-5-7 Indiana av ..... Calumet 4
Keeney & Sons Co, 2901-3-5 Indiana av.. Calumet 440
Mills Novelty Co, Jackson & Green..... Monroe 2017
Watling Mfg Co, 1029-1035 W Adams... Monroe 465

Slugs—Telephone, Patented.
Yale Slot & Slug Co, 179 W Washington.... Main 4698

Smelters and Refiners.
Chicago Metal Reduction Co, 20 W Jackson bl ..... Harrison 2392
Chicago Smelting & Refining Co, 1356 W 21st ..... Canal 4615
Harris Benj & Co, 1359 W 21st..... Canal 1870
Kramer H & Co, 1324-1344 W 21st pl..... Canal 3380
Lorajne Smelting & Refining Co, 25 N Dearborn ..... Central 4668
Metal Products Co, 100 S Jefferson... Haymarket 7166

Smoke Stacks.
Downey T F Boiler Works, 321-323 W Austin av ..... Franklin 1949

Smoke Stacks & Breechings.
Acme Boiler & Tank Co, 48th and Aberdeen. Yards 7409
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland ..... Lincoln 4533

Smokeless Furnaces for Steam Boilers.
McMillan James & Co, 114 Clarkson ct... Garfield 8722

Soap Dies and Box Printing Dies.
Mooney & Bueter, 507 W Jackson bl.... Harrison 2009

Soap—Raw Materials.
Barrett M L & Co, 233 W Lake..... Main 11

Soaps, Manufacturers.
Fairbank N K Co, 111 W Washington... Franklin 5600
Fairchild M H & Bro, 6 & 8 W Austin av. Central 1555
Holman Soap Co, 3104-3118 Fox..... Yards 5150

Soaps, Mnfrs., Auto Soaps.
Robertson Theo B Products Co Inc, 700-704 W Division ..... Diversey 4110

Soaps, Mnfrs., Liquid.
Holman Soap Co, 3104-3118 Fox..... Yards 5150

Soaps, Mnfrs., Raw Material
Central Commercial Co, 111 N Market..... Main 733

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Soaps, Toilet, Laundry and Powders.
Holman Soap Co, 3104-3118 Fox.....Yards 5150

Society Goods.
Gleason T C & Co, 173 W Madison.....Main 50

Society & Lodge Paraphernalia Mnfrs.
Goodell James M Jr Inc, 150 N Laramie av.Austin 119

Soda Ash, Caustic Soda.
Ele-Kem Co, 1508-1516 Clybourn av....Diversey 4410
See our Catalog Space, page 930.

Soda Fountain Fruits, Syrups and Supplies.
Seidel Ad & Sons, 1245-1257 Garfield av..Lincoln 241
Sethness Company, 718-724 N Curtis.....Monroe 6780

Soda Fountain Parts, Mnfrs.
Bastian-Blessing Co The, 125-131 W Austin av .....Franklin 1717

Soda Fountains—New or Used.
Reliable Store Fixture Co Inc, 448-450 N Wells.....Franklin 3380

Soda—Silicate, Sal and Caustic.
Central Commercial Co, 111 N Market.....Main 733

Soder—See Solder.

Sodium Cyanide.
Ele-Kem Co, 1508-1516 Clybourn av....Diversey 4410
See our Catalog Space, page 930.

Sodium Nitrate.
Ele-Kem Co, 1508-1516 Clybourn av....Diversey 4410
See our Catalog Space, page 930.

Soil Pipe.
Central Foundry Co The, 332 S Michigan av .....Harrison 2181
See our Advertisement Outside Back Cover.

Solder.
Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Advertisement, page 32, First Page Opposite Section 1.

Solder, Soldering Fluxes.
Allen L B Co Inc, 4517 to 4529 N Lincoln .....Ravenswd 2975

Solder Tools, Gas (Self-heating).
Allen L B Co Inc, (New "Allen"), 4517 to 4529 N Lincoln.....Ravenswood 2975

Soldering Fluxes—Non Acid.
Garden City Laboratory Inc, 161 W Harrison .....Harrison 3916

Soldering-Fluxes, Sticks, Paste Salts, Liquid.
Allen L B Co Inc, ("Allen"), 4517 to 4529 N Lincoln.....Rovenswood 2975

Sole Leather.
Alexander Bros, 9 S Clinton.....Franklin 4140

Soot Blowers.
Vulcan Soot Cleaner Sales Co, ("Vulcan"), 230 S LaSalle.....Wabash 6601

Special Machinery.
Saal H G Co, 1808-1810 Montrose av. .....Ravenswood 730
See our Catalog Space, page 941.

Special Machinery (Designed and Built.)
Redington F B Co, 112-114 S SangamonHaymkt 681

Special Wood Work.
La Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Speedometers.
Stewart-Warner Speedometer Corp, 1826 Diversey bl .....Lake View 6000

Spelter.
Kramer H & Co, 1324-1344 W 21st pl.....Canal 3380
McAndrews W T 2143 Carroll av.....West 547
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
See our Advertisement, page 32, First Page Opposite Section 1.

Spiral Chutes.
Olson Samuel & Co, 2418-22 Bloomingdale av.....Armitage 780

Spiral Gravity Chutes.
Minnesota Manufacturers Association, 549 W Washington.....Main 2605

Sponges.
Greek-American Sponge Co, 300 W Randolph cor Franklin.....Main 2225

Spool Silk, all Mfg. Trades.
Holland Mfg Co, (Royal F Huhn Co Agt) 178 W Jackson bl.....Wabash 2555

Spools, Wood for Wire, Special.
La Pierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Sporting Goods.
Evans H C & Co, 1528 W Adams.....Haymarket 7630

Sporting Goods, Wholesale.
Shure N Co, 237-241 W Madison.....Main 3482

Sprayers—Air.
Wold Air Brush Mfg Co The, 716 W Madison .....Monroe 1934

Sprayers—Air Brush.
Paasche Air Brush Co, 1219 Washington bl .....Haymarket 7480

Spring Water.
Manitou Mineral Water Company The (B G Earl Rep) 36 S State.....Central 8750
See our Advertisement on Backbone and Catalog Space, page 980.

Springs, Mnfrs.
Advance Spring & Wire Co, 1749 Carroll av.West 3895
Gibson Wm D Co The, 1802 Clybourn av.Diversey 4242

Sprinkler Systems (Automatic.)
Aetna Fire Sprinkler Co, 9 S Clinton....Franklin 4720

Sprinkler Tanks.
Hamler Boiler & Tank Co, 8906 S Halsted..Yards 947

Sprocket Mnfrs—Machinery.
Cullman Wheel Co, 1344 Altgeld.....Lincoln 854

Sprocket Wheels.
Jones W A Foundry & Machine Co 4403 W 12th .....Lawndale 5040

Sprockets and Chains.
Pyott Co, 955 Carroll av.....Haymarket 6336

Stable Fixtures.
Smith F P Wire & Iron Works, 54 W Lake.Central 438

Stained Glass Windows.
Daprato Statuary Co, 762-770 W Adams..Monroe 1775

Stains.
Harrison Works (Owned & Operated by E I du Pont de Nemours & Co), 2001 Mendell.Monroe 3286

Stairs, Fire Proof.
Woodbridge Ornamental Iron Co 400 W Erie .....Superior 4928

Stamp Affixers & Envelope Sealers.
Mail-O-Meter Sales Company, 39 S LaSalle .....Randolph 1673

Stamping Anything in Metal.
Saal H G Co, 1808-1810 Montrose av.Ravenswood 730
See our Catalog Space, page 941.

Stamping Anything in Sheet Metal.
Barker H J & Co, 101 N Jefferson.....Main 2784
Blomfeldt & Rapp Co, 108-128 N Jefferson .....Monroe 3981
Moore & Company, 301 W Grand av.....Superior 1819

Stampings, Small Metal.
Pheoll Manufacturing Co, 5702 W 12th.Columbus 300

Stamps, Letters & Figures (Steel) Mnfrs.
R & S Engraving & Die Works, 522 S Clinton .....Wabash 7571

Starch.
Williamson Glue & Gum Works, 220-222 W Huron .....Superior 8395

Stationers, Mfg. Loose Leaf.
McDonald Ledger & Loose Leaf Co, 638 Federal .....Wabash 3364

Stationers—Retail.
Horder's Stationery Stores, 108 N LaSalle.Franklin 320
Stevens Maloney & Co, 21 S Lasalle.....Central 318

Stationers—Wholesale.
Shure N Co, 237-241 W Madison.....Main 348
Stationers Supply & Mfg Co Inc, 27 N Franklin .....Franklin 320

Statuary.
Daprato Statuary Co, 762-770 W Adams.Monroe 177

Statuary—Plastic Reproduction of All Description.
Chicago Statuary Mfg Co, 476 MilwaukeeMonroe 328

Staves, Heading and Hoops.
Henning E Inc, 39 S LaSalle.....Randolph 57

Steam Fitters.
Graves Heating Co, 162 N Desplaines..Haymarket 23
Kroeschell Bros Co, 440-472 W Erie....Superior 86
Schampel & Dougherty, 175 W Washingtn.Main 12

Steam Pipe & Boiler Covering.
Ajax Pipe & Boiler Covering Co, 9 W 22d st.....Calumet 40

Steam Pipe Sleeves, Adjustable.
Haines Co The 1933 W Lake.....Seeley 40

Steam Shovels.
Marsh-Bothe Machinery Co, 37 W VanB..Harrison 27
Marsh George C & Co, 37 W Van Buren..Harrison 57
Moore Bros, 39 S Lasalle.....Majestic 73

Steam Specialties.
Kelly-Derby Co, 122 S Michigan av.....Harrison 31

Steam Traps.
Corliss Valve Steam Trap, (Oscar J West) Peoples Gas bldg, 122 S Michigan av.....Harrison

Steamship Lines and Agencies.
Cunard Steamship Co Ltd The, 140 N Dearborn, Cunard bldg....Central 2050
Lyons Railroad & Steamship Ticket Office, 310 S Clark....Wabash 1759

Steel.
Federal Tool & Alloyed Steel Corporation, 217 N Desplaines....Monroe 5306
Spear William H Company, First Nat Bank bldg....Central 778

Steel Balls.
Standard Roller Bearing Co, 2206 S Michigan av....Calumet 243

Steel, Cold Drawn.
FitzSimons Co The (John Keleher, Dist Sales Mgr) 935 Lafayette Parkway. Ravenswood 3761
Union Drawn Steel Co, 564 W Adams...Franklin 4280

Steel Cutting, Creasing & Perforating Rules.
Helmold J F & Bro, 1462 Hamburg....Lincoln 1774

Steel Forms (Curb, Gutter, Sidewalk and Road.)
Sellar Supply Co, 557-559 W Quincy....Main 577

Steel and Iron.
Jones & Laughlin Steel Co, 440 W Lake..Main 380
Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg....Lawndale 1

Steel Lockers.
Durand Steel Locker Co, 76 W Monroe..Central 6302

Steel Manufacturers.
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264
Steel Sales Corp, 129 S Jefferson....Franklin 4280
Steel Supply Co The, 125 N Jefferson....Franklin 1184

Steel Plate Work.
Acme Boiler & Tank Co, 48th and Aberdeen. Yards 7409
Graver Wm Tank Works, 28 E Jackson bl. Wabash 2070
See our Catalog Space, page 1013.

Steel Plates, Bars and Structurals.
Dearborn Steel & Iron Co, 122 S Michigan av....Harrison 1251

Steel Plates and Sheets.
McVoy Sheet & Tin Plate Co, 344-50 W Austin av....Main 4864
Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg....Lawndale 1

Steel Reinforcing Bars.
Dean Olney J & Co, 19 S LaSalle.. Central 3462
Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg....Lawndale 1

Steel Sheets Black & Galvanized.
McVoy Sheet & Tin Plate Co, 344-50 W Austin av....Main 4864

Steel Shelving.
Durand Steel Locker Co, 76 W Monroe..Central 6302
National Scale Co, Kimball Hall....Harrison 3779

Steel Spring Wire.
Page Steel & Wire Co, 129 S Jefferson. Franklin 4280

Steel Stamps.
Safford Stamp Works, 203 W Madison....Main 2057

Steel Stamps, Letters & Figures Mnfrs.
B & S Engraving & Die Works, 522 S Clinton....Wabash 7571

Steel, Structural.
Ryerson Joseph T & Son, 16th & Rockwell and Railway Exch bldg....Lawndale 1

Steel Tanks.
Graver Wm Tank Works, 28 E Jackson bl. Wabash 2070
See our Catalog Space, page 1013

Steel Treating Supplies.
Bell & Gossett Co, 611 W 30th....Boulevard 2067

Steel Treatment, Carbonizing, Consultation.
Snow Fred A Co, 1942 W Kinzie....Seeley 1973

Steel Truck Bodies.
Auto Truck Steel Body Co, 3028-46 Carroll av....Garfield 1518

Steeple Jacks.
Hillesheim Fred Chimney Construction Co, 434 Belden av....Diversey 2721

Stencil Cutting Machines.
Bradley Stencil Machine Co (F C Willis Dist Mgr) 565 W Washington bl....Main 3260
Diagraph Stencil Machine Corporation, 808 W Congress....Monroe 4637
See our Catalog Space, page 1010.
Ideal Stencil Machine Co The (B-B Shippers Supply Co) 17 E Lake....Majestic 8342
See our Catalog Space, page 1010

Stencil Inks, Brushes, Etc.
B-B Shippers Supply Co, 17 E Lake....Majestic 8342

Stencil & Marking Inks.
Diagraph Stencil Machine Corporation, 808 W Congress....Monroe 4637
See our Catalog Space, page 1010.
Garvey's Inks & Brushes (B-B Shippers Supply Co) 17 E Lake....Majestic 8342

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corporation, 808 W Congress....Monroe 4637
See our Catalog Space, page 1010

Stencils.
Time & Energy Co The, 9 S Clinton....Main 1142

Stencils, Cutters.
Koch G & Co, 71 W Randolph....Central 3655

Stencils, Cutters & Dealers.
Safford Stamp Works, 203 W Madison....Main 2057

Stencils and Oiled Stencil Board.
Rahn John F, 2428 N Ashland av....Lincoln 1460

Stenographers, Depositions.
Rankin Alice M, First Nat Bank bldg...Central 5908

Stereopticons Automatic.
Owen Automatic Stereopticon Co, 4009 Jackson bl....Kedzie 2347

Stereopticons, Slides, Screens, Projection Supplies
McIntosh Stereopticon Co, 30 E Randolph. Central 2282

Sterilizers, Water Distilling Apparatus.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
See our Catalog Space, page 1022

Stickers & Labels (Gold, Colors, Embossed, Gummed)
Tablet & Ticket Co The, 624 W Adams....Haymarket 3883

Stills, Water, Distilling Apparatus.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
See our Catalog Space, page 1022

Stock Certificate Blanks.
Goes Lithographing Co, 42 W 61st....Wentworth 452

Stock Certificates, Bonds, Seals, Record Books.
Middleton J W & Co, 35 S Dearborn..Central 1435

Stocks & Dies, for Bolts & Pipe, Mnfrs.
Greenfield Tap and Die Corporation, 13 S Clinton....Main 2106

Stokers.
Brady James A Foundry Co, 45th & Western bl....McKinley 3080
Green Engineering Co, 14 E Jackson bl..Harrison 1743

Stokers, Automatic.
Murphy Iron Works, Marquette bldg....Central 4995

Stokers, Model Automatic.
Automatic Furnace Co (A J Sake, Rep), Corn Exchange Bank bldg....Franklin 280

Stokers—Powdered Coal.
Stroud E H & Co, 928-934 Fullerton av. Diversey 4517

Stokers—Semi-Automatic.
McMillan James & Co, 114 Clarkson ct...Garfield 8722

Stone Crushers.
Wilson Machinery Co, 331 W 35th....Yards 354

Stone Crushing Plants.
Marsh George C & Co, 37 W Van Buren..Harrison 5799

Stone Cutters Tools—Hammers, Chisels, Drills, etc.
Duffy Mfg Co, 214-16 W Grand av....Superior 3674

Stone Sculptors & Architectural Carvers.
Dux Joseph, 2118 W VanBuren....West 1703

Stoneware.
Western Stoneware Co, 2911 S Lasalle...Drover 6648

Storage.
David Fireproof Storage Warehouses, Milwaukee & Kedzie avs....Albany 2345
Garfield Express & Storage Co The, 5908-16-18 S State....Wentworth 1138
Hufmeyer John E, 2735-37 Lincoln av....Lincoln 711
Lindsay Storage Co, 1156 E 63d....Hyde Park 7176
Livingston Warehouse & Van Co The, Superior 711
812-14 N Wells....Superior 1133
Mayer's Express, 1425 Milwaukee av....Humboldt 1307
Reebie W C & Bro, 2513-2531 Sheffield av. Lincoln 120
Waechter & Meyer Fireproof Storage Co, 1230 N Clark....Superior 344

Storage Also Furniture Movers.
Drexel Storage & Transfer Co, 4837-9 Cottage Grove av....Kenwood 2428

Storage Batteries.
Vesta Accumulator Co, 2100 Indiana av..Calumet 4530

Storage Batteries, Distilled Water Apparatus.
Jewell Polar Co, 24 to 30 S Clinton...Franklin 5545
See our Catalog Space, page 1022

Storage, Shipping, Packing & Moving of Household Goods.
Fort Dearborn Fireproof Storage Co, 4615 Clifton av....Ravenswood 100
See our Catalog Space, page 1011
North Shore Fireproof Storage Co, 4820 Broadway....Edgewater 803
See our Catalog Space, page 1011
Trans-Continental Freight Co, 203 S Dearborn....Harrison 3467
See our Catalog Space, page 1011

Store Bank & Office Fixtures.
Peterson Geo & Co, 334 S Clinton....Harrison 1872

CHICAGO—continued

Store Equipment Designers.
Taussig & Flesch, 25 E Jackson bl.....Wabash 3874

Store Fixture Hardware—Specialty Metal Workers.
Woodworkers Hardware Mfg Co, 1638 Clybourn av .....Diversey 2473

Store Fixtures.
American Store Fixture Co, 121-125 S Halsted .....Monroe 5540
Ashland Store Fixture Co, 6227 S Ashland av .....Prospect 874
Reliable Store Fixture Co Inc, 448-450 N Wells .....Franklin 3380
Schick Johnson Company, 1737-45 N Paulina .....Haymarket 3957

Store Fixtures, Designers & Mnfrs.
Inter-Ocean Cabinet Co, 322-326 S Clinton.West 3319

Store Fixtures and Refrigerators, Mnfrs.
Bromann Bros, Fulton and Peoria sts....Monroe 4082
Buchbinder Bros, 518-520 Milwaukee av.Monroe 5616

Store Front Alterations.
Matot D A, 1538-1546 Montana.....Lincoln 2

Store & Office Fixtures.
Crampton Manufacturing Co, 1518 E 53rd.Midway 784

Store & Office Fixtures Mnfrs.
Chicago Store & Office Fixture Co, 818-820 S Clinton .....Harrison 7308

Stoves & Ranges.
Cole Manufacturing Co, 3218 S Western av .....McKinley 1231

Stoves Ranges and Cooking Utensils.
Traub Wm F Range Co, 231 W Superior.Superior 7670

Structural Engineers, (Licensed.)
Emerson H L, Chamber of Com bldg.....Main 3360

Structural Iron and Steel.
Chicago Iron & Steel Co, 733 Fulton.....Monroe 3612
Continental Bridge Co, Monadnock blk..Harrison 1272
Duffin Iron Co, 4837-55 S Kedzie av...McKinley 732
Gage Structural Steel Co, 3123-3141 S Hoyne av .....Drover 8710
Giaver Joachim G, 80 E Jackson bl....Wabash 8727
Holmes Pyott & Co, 159 N Jefferson...Franklin 1386
Reuter Brothers, 5814 S Wood.....Prospect 4069
South Halsted St Iron Wks, 2611 S Halsted .....Yards 1150

Structural Iron & Steel (Fabricators&Contractors).
Holmes Pyott & Co, 159 N Jefferson....Franklin 1386

Structural Iron, Steel Clips for Construction.
Streeter Clip & Specialty Co ("Streeter") (Let us know your requirements) 4125 Ravenswood av .....Graceland 1658

Structural and Ornamental Iron.
Pilsen Foundry & Iron Works, 1532 W 22d.Canal 2200
Union Foundry Works, 38 S Dearborn..Randolph 3663

Structural Steel.
American Bridge Co, 208 S LaSalle....Wabash 6262
Wendnagel & Co, 22d & Jefferson.....Canal 2140

Stucco.
Vitrifex Company The, Chamber of Com....Main 1065

Stud Bolts.
Ross Nut Co, 1732 N Kedzie av.....Albany 4010

Sugar Colorings, for All Purposes.
Sethness Company, 718-724 N Curtis.....Monroe 6780

Sugar Machinery.
Swenson Evaporator Co, Monadnock blk.Harrison 1252

Surgical and Veterinary Instrument Mnfrs.
Haussmann & Dunn Co, 708 S Clark.....Harrison 4861
Sharp & Smith, 155-57 N Michigan bl...Randolph 3421

Surveyors.
Emerson H L, Cook County Surveyor, Chamber of Commerce.....Main 3360
Jones W D, 8 S Dearborn.....Central 3871

Swabs for Liquid Shoe Polishes & Rubber Cements.
Shoe Swab Mfg Co 544-48 W Lake..Franklin 1358

Switchboards, Light & Pow'r
Chicago Switchboard Mfg Co, 426-432 S Clinton .....Harrison 942
Electric Apparatus Co, 127 S Green....Monroe 5276

Switches Electric.
"Diamond H" (The Hart Mfg Co), 411 S Jefferson .....Harrison 6521

Switches Remote Control.
"Diamond H" (The Hart Mfg Co), 411 S Jefferson .....Harrison 6521

Systematizers.
Grimes J Frank, 30 N LaSalle.....Franklin 1013
Teeter & Niquette, 30 N LaSalle.....Franklin 4344
Thompson Wm W & Co, 30 N LaSalle..Franklin 1013

Tacks, Mnfrs.
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Tag Manufacturers.
American Tag Company (Shipping Tags, Marking Tags, Labels, Paper Goods) 6133-6149 S State .....Wentworth 190
Central Tag Co, 1001 W 21st.....Canal 4600
International Tag Co, 652 W Lake...Haymarket 675

Tag & Tag Hook Mnfrs.
Shuman Frank G Co The, 168 N Michigan .....Randolph 2953

Tags, Metal—Blank or Lettered.
Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

Talc.
Barrett M L & Co, 233 W Lake.....Main 11

Talking Machine Motors & Parts.
Saal H G Co 1808-1810 Montrose av.Ravenswood 730
See our Catalog Space, page 941.

Talking Machine Repairing.
Bryan Charles, 180 N Dearborn.....Central 8163

Talking Machines, Mnfrs.
Gabel's Entertainer Co (Gabel-Ola) 210 N Ann.....Monroe 5398
Shure N Co, 237-241 W Madison.....Main 3482
Vitanola Talking Machine Co, 501 to 509 W 35th .....Drover 9900

Tallow.
Stern Jacob & Sons, 327 S LaSalle....Harrison 6727

Tallow and Grease.
Sterne & Son Co, 140 W VanBuren.....Harrison 4797

Tanks.
Downey T F Boiler Works, 321-323 W Austin av .....Franklin 1949

Tanks, Air Drums.
Leader Iron Works, 327 S LaSalle...Harrison 2391

Tanks, Air Receivers.
Leader Iron Works, 327 S LaSalle...Harrison 2391

Tanks & Cisterns.
Eagle Tank Co, 2426-2456 N Crawford av..Albany 6250

Tanks, Hot Water Storage.
Leader Iron Works, 327 S LaSalle...Harrison 2391

Tanks, Hydro Pneumatic.
Leader Iron Works, 327 S LaSalle...Harrison 2391

Tanks Mnfrs. All Kinds Iron & Steel.
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland. .....Lincoln 4533

Tanks, Mnfrs., Metal.
Baker Edward J & Co, 10 S LaSalle.....Main 758
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Schmidt Samuel, 158-160 N Desplaines.Haymkt 71

Tanks, Mnfrs., Sheet Iron, Copper & Tin.
D L & F Co The, 516 N Lasalle.....Superior 9166

Tanks, Mnfrs, Steel, For All Purposes; Riveted, Welded.
Trenkhorst Frank Mfg Co, 902 Larrabee.Superior 371

Tanks, Mnfrs., Steel, Galvanized.
Eagle Tank Co, 2426-2456 N Crawford av..Albany 625

Tanks, Mnfrs, Steel Storage Gasoline & Pneumatic.
Chicago Boiler Co, 1965 Clybourn av....Lincoln 146

Tanks, Mnfrs. Wood.
Eagle Tank Co, 2426-2456 N Crawford av..Albany 625
Johnson & Carlson, 848 Eastman.....Lincoln 78

Tanks—Riveted & Welded.
Lasker Iron Works, 3201-3299 S Lincoln McKinley 370
See our Catalog Space, page 924
Leader Iron Works, 327 S LaSalle.....Harrison 239

Tanks—Seamless Steel.
Pressed Steel Tank Co, 208 S LaSalle..Wabash 64

Tanks, Smoke Stacks, Etc.
Hamler Boiler & Tank Co, 3906 S Halsted..Yards 9

Tanks, Steel.
Acme Boilers & Tank Co, 48th and Aberdeen.Yards 74
Graver Wm Tank Works, 28 E Jackson bl.Wabash 20
See our Catalog Space, page 1013
Wood John Mfg Co, 321 E Grand av...Superior 41

Tanks (Wood) and Steel Towers.
Wendnagel & Co, 22d and Jefferson.....Canal 27

Tanners of Chrome Upper Leathers.
Imperial Tanning Co, 2817-21 N Oakley av .....Humboldt 7

Tanners Supplies.
Roenitz Louis T, 375 W Ontario.....Superior 5

Tap Extensions.
Allen Mfg Co, 130 N Wells.....Franklin 5

Tape—Advertising.
Victor Tape Co, 2689 Holly av.....Armitage 3

Tape—Advertising Tying.
Chicago Printed String Co, 313 S LaSalle .....Harrison

Tape, Gummed Cloth, Pap & Sealing Tape.
Chicago Gum Tape Co, 187 N Dearborn.Randolph

Tapes (Cotton Mercerized and Silk.)
Barton F C Brooks Building, 223 W Jackson bl ....Wabash 2741

Tapes (Measuring).
Chicago Steel Tape Co, 6231 Cottage Grove av ....Hyde Park 1558
Chicago Tape & Label Co, 519 N Spaulding av ....Kedzie 2295

Tapes and Webbings.
Fleig L L & Co 216 W Austin av....Franklin 2637

Taps (Adjustable Collapsing).
Geometric Tool Co The, 545 W Washington bl .... Franklin 3835

Taps & Dies, for all Purposes, Mnfrs.
Greenfield Tap and Die Corporation, 13 S Clinton ....Main 2106

Tar—Tar Oil, Coal Tar and Pine Tar.
Northwestern Pine Tar Co, 1901 Diversey Pkway ....Lincoln 1462

Taxidermists.
Daempfer W C, 212-214 W Elm.....Superior 3622
Kahmann Karl W, 2509-2511 Lincoln av...Lincoln 2485

Tea Wholesale.
Hathaway Geo H & Co (Restaurants and Hotels Supplied), 358 River.....Central 3243

Teachers' Agencies.
Yates-Fisher Teachers Agency The, 624 S Michigan av....Harrison 2642

Telephone Cords, Cables, Wire for Telephone Systems.
Kunzel Lenz Electric Mfg Co, 1751 N Western av ....Humboldt 894

Telephone Equipment, Bought & Sold.
Standard Telephone Repair Co, 321 N Crawford av ....Garfield 2119

Telephone Exchange Equipment (Complete).
Kellogg Switchboard & Supply Co, 1066 W Adams ....Haymarket 960
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl....Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av....Ravenswood 884

Telephone Line Supplies.
Kellogg Switchboard & Supply Co, 1066 W Adams ....Haymarket 960
Swedish American Telephone Mfg Co, 5235 Ravenswood av....Ravenswood 884

Telephone Slugs (Patented.)
Sale Slot & Slug Co, 179 W Washington....Main 4698

Telephone Switchboards (Farm, Town and City.)
Kellogg Switchboard & Supply Co, 1066 W Adams ....Haymarket 960
Standard Telephone Repair Co, 321 N Crawford av ....Garfield 2119
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl....Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av....Ravenswood 884

Telephone Systems.
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl....Haymarket 3936

Telephones, City, Rural & Special.
Standard Telephone Repair Co, 321 N Crawford av ....Garfield 2119

Telephones (Farm, Town and City.)
Kellogg Switchboard & Supply Co, 1066 W Adams ....Haymarket 960
Stromberg-Carlson Telephone Mfg Co, 710 W Jackson bl....Haymarket 3936
Swedish American Telephone Mfg Co, 5235 Ravenswood av....Ravenswood 884

Telephones (Hotel, Railway, Field, Mine, Special Service).
Kellogg Switchboard & Supply Co, 1066 W Adams....Haymarket 960

Telephones, Interior (Factories, Apartment Bldgs).
Connecticut Telephone & Electric Co, (Walter C Rardin) 549 Washington bl....Franklin 5157

Telephones, Lock Out for Party Lines.
Standard Telephone Repair Co, 321 N Crawford av ....Garfield 2119

Telephones, Rebuilt.
Standard Telephone Repair Co, 321 N Crawford av ....Garfield 2119

Telescopic Oilers—Mnfrs.
Nugent Wm W & Co, 146-148 W Superior ....Superior 3309

Tents.
Kerr D M Mfg Co, 1007 W Madison.....Monroe 333
United States Tent & Awning Co, 225-231 N Desplaines....Haymarket 444

Tents, Flags and Canvas Goods.
Carpenter Geo B & Co 430-440 N Wells.Franklin 3344

Testing Laboratories.
Hunt Robert W & Co, General Offices, Insurance Exchange ....Wabash 872
Illinois Testing Laboratories, 565 Washington bl ....Main 1904
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Textile Machinery & Supp.
Street R R & Co Inc, 541-557 W Washington bl ....Franklin 3450

Textile Plants, Engineers & Builders.
Walter Company The, 38 S Dearborn....Randolph 937

Theatre Programs.
Cahill-Igoe Co, 117 W Harrison....Wabash 2141

Theatrical Agencies.
Bennett's Dramatic & Musical Exchange, 36 W Randolph ....Central 3543

Theatrl Scenery, Designers, Spec. Modern Art Stage Sets.
Bodine-Spanjer Co The, 1160 Chatham ct ....Diversey 2585

Theatrical Tights.
Chicago Costume Works, 143 N Dearborn..Central 6292
See our Catalog Space page 936

Thermometers and Hydrometers.
Wagner Carl H, 1944 N Albany av.....Belmont 7722

Threaded Rods.
Boss Nut Co, 1732 N Kolmar av.....Albany 4010

Threading Machines.
Geometric Tool Co The, 545 W Washington bl ....Franklin 3835

Thumb Screws.
Victor Tool & Mfg Co, 560 W Van Buren.Wabash 2253

Ticket Brokers.
Lyons Railroad & Steamship Ticket Office, 310 S Clark....Wabash 1759

Ticket Printers.
Hedstrom-Barry Co, 618-620 Sherman...Harrison 6140

Tiles, Floor, Wall & Mantel Tile—Mosiac.
Cobb Chas A & Co, 30 N Lasalle.....Franklin 2501
Rees Geo H & Co, 4439 N Clark.....Edgewater 7789

Tiles for Flooring & Walls—Whol and Retail.
Ceramic Tile Co Inc, 118 N Lasalle....Franklin 4434

Tiles, for Floors, Walls and Fire Places.
De Smet Quartz Tile Co, Chamber of Com..Main 1065
Hawkinson John S Co, 80 E Jackson bl..Harrison 881
Lorenzen Chas F & Co, Reaper blk ne cor Clark & Wash....Randolph 1844

Tiles, Roofing.
Ludowici-Celadon Company, Monroe bldg.Randolph 6740

Timber Dealers.
Monarch Lumber Co, 53 W Jackson bl.Harrison 1840

Timber, Kyanized.
Brown Company 110 S Dearborn.....Central 6494

Time Checks.
Wilcox W W Mfg Co, 564 W Randolph..Franklin 3861

Time Recorder Mfrs.—Electric.
Sohm Electric Co, 141 W Austin av.....Franklin 4357

Time Recorders.
Simplex Time Recorder Co, 30 N Dearborn ....Randolph 1839

Time Stamps & Cost Keeping Systems.
Baird Equipment Co, 319 W Ohio...Superior 2071

Time Stamps—Mnfrs.
Sohm Electric Co, 141 W Austin av.....Franklin 4357

Tin.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals), Monadnock blk.Harrison 6628
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Tin Cans, Cone Top, Polish Cans.
Giles J S & Sons, 2428 W 16th.....Canal 1704

Tin, Copper and Sheet Iron Work.
Armstrong & Co, 544 Washington bl....Franklin 4338
Doering C & Son Inc, 1375 W Lake....Monroe 921
Schmidt Samuel, 158-160 N Desplaines.Haymarket 71

Tin Mounting Calendars, Etc Metal Edgings, Hangr Loops.
U S Finishing & Mfg Co, 216 N Clinton....Main 2503

Tin Plate.
McVoy Sheet & Tin Plate Co, 344-350 W Austin av ....Main 4864

Tin Platers.
Doering C & Son Inc, 1375 W Lake.....Monroe 921
Thompson & Bremer, 850 S Canal.....Wabash 6764

Tin Stamping.
Giles J S & Sons, 2428 W 16th.....Canal 1704

Tires (Automobile).
Brunswick-Balke-Collender Co The, 626-628 S Wabash av ....Harrison 6220

CHICAGO—continued

Toasters, Electric.
Lincoln Electric Works (R J Morgan), Heyworth bldg .....Randolph 4142

Toggle Bolts.
Star Expansion Bolt Co, 120 W Lake.....Main 2649

Toilet Articles, Face Cream & Freckle Ointment.
Berry Dr C H Company "Kremola," 2975 S Michigan av.....Calumet 6163

Toilet Articles and Sets.
Arlington Company, 14 N Franklin.....Main 1932

Toilet Paper.
Ewing H Norwood Co The ("Pickquick" Brands) Conway bldg .....Franklin 2172
Paper Sales Company, 230 W Huron...Superior 8459

Toilet Preparation Packages.
Randolph Box and Label Co, 843 W VanBuren .....Monroe 1677

Toilet Preparations.
Holman Soap Co, 3104-3118 Fox.....Yards 5150

Toilet Preparations, Private Brands.
Holman Soap Co, 3104-3118 Fox.....Yards 5150

Tool Boxes, Wood, Special.
LaPierre Henry M Co, 1314 W 21st.....Canal 3137
See our Catalog Space, page 1026.

Tool Makers & Redressing.
Advance Forging & Tool Works, 735 W Monroe .....Monroe 719

Tools.
Duffy Manufacturing Co, 214-216 W Grand av .....Superior 3674
Krasberg Mfg Co, 412-420 Orleans....Franklin 5964
See our Catalog Space, page 1017
Saal H G Company, 1808-1810 Montrose av .....Ravenswood 730
See our Catalog Space, page 941.
Stierlin Machine & Die Works, 2055-59 Walnut .....West 448

Tools and Dies.
Alcor Mfg Co, 430 S Green.....Monroe 2388
King, R D, Monadnock blk.....Wabash 4897
Western Tool & Machine Works, 127 N Wells .....Franklin 1218

Tools, Dies, Gauges, Special Machinery.
Moore & Company, 310 W Grand av...Superior 1819

Tools, Dies, Jigs, Fixtures, Stamping & Drawing.
Industrial Products Co, 334 N Irving av.....West 3528

Tools, Dies, Jigs, Models, Experimental Work.
Premier Tool Works, 3123 W Harrison.Van Buren 2288

Tools & Dies, Sp'l. Mchy.
Cicero Tool Works, 1233 S 52d av, Cicero, Ill, P O.....Cicero 276

Tools, Gauges and Fixtures—Mnfrs.
Kreba Mfg Co, 341-349 E Ohio.....Superior 8611

Tools Mnfrs & Iron Workers
Reliance Tool & Iron Works, 638 S Clark.Wabash 8039

Tools, Plumbers & Tinners.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Tools, Re-Seating Valve and Motor.
Skinner M B Co, 562 W Washington bl.....Main 3233

Tops, Adjustable, Collapsing.
Modern Tool Co (R H Wood Mgr) 32 N Clinton .....Main 2342

Torches—Blow—Gas.
Allen L B Co Inc, 4517 to 4529 N Lincoln .....Ravenswd 2975

Torches, Furnaces—Gasoline
Diener Geo W Mfg Co, 400-416 Monticello av .....Kedzie 2266

Tours, Personally Escorted.
Sanger Tours, 17 N Lasalle.....Franklin 3985

Tow & Sea Moss.
Whitney H W, 305-315 S LaSalle.....Wabash 8210

Towel Cabinets.
Individual Towel & Cabinet Service Co Individual "Locked on" Towels and Cabinets, 2729 Quinn .....Drover 4013
Mikkelsen Edw & Co, 1725-39 Dickson .....Haymarket 5458

Tower Clocks.
Howard E Clock Co The, 31 N State.....Central 6951

Towers, Steel.
Eagle Tank Co, 2426-2456 N Crawford av..Albany 6250

Toys Mnfrs.
Benjamin-Sellar Mfg Co, 557-559 W Quincy.Main 577
Platt-Maschek Co The, 2526-2536 S Western av .....Canal 2451

Toys Mnfrs. & Dealers.
Makray P, 2836 Lincoln av.....Wellington 7673

Tractor Gears and Transmissions.
Foote Bros Gear & Machine Co, 213 Curtis.Monroe 334

Tractors.
Austin F C Company Inc, 80 E Jackson bl .....Harrison 4668
Mercury Manufacturing Co, 4118 S Halsted.Drover 1611

Tractors, Farm.
Albaugh-Dover Co, 2100 Marshall bl....Rockwell 6800

Trade Marks.
Rankin Wm H Company, 104 S Michigan av .....Randolph 6600

Trade Publications.
Shaw Publishing Co, 14 E Jackson bl..Harrison 5242

Trade Schools.
Moler Trade School, 105 S Wells.....Franklin 4230

Trailers-Semi Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Tramrail Systems.
Brown Hoisting Machinery Co The (J P Case), 208 S Lasalle.....Wabash 5963

Transfer Ornaments.
Meyercord Company The, Chamber of Com..Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

Transfer Window Signs.
Meyercord Company The, Chamber of Com..Main 1461

Transfering and Teaming.
Dixon Arthur Transfer Co, 425 S Wells.Wabash 2844
Pennoyer Merchants Transfr Co, 742-752 W Polk .....Monro 6792
Stockton Jos Transfer Co, Rookery bldg.Wabash 3238

Translators.
Foreign Language Translation Bureau, First Nat Bank bldg.....Central 6104

Translucent Window Signs.
Meyercord Company The, Chamber of Com..Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

Transmission Machinery, Speed Reducing.
O'Kelly Gregory, 557 W Jackson bl.....Harrison 2754

Traveling Bags (Mnfrs.)
Lome Philip, 3825-31 W Lake.....Monroe 3333

Treads, Mason Safety.
Ryerson Joseph T & Son, 16th and Rockwell and Railway Exchange bldg.....Lawndale 1

Trenching & Ditching Mchy.
Austin F C Company Inc, 80 E Jackson bl.Harrison 4668

Trolleys (1-Beam Systems).
Chisholm-Moore Mfg Co The, Peoples Gas bldg .....Harrison 5506

Truck Bodies, Steel.
Auto Truck Steel Body Co, 3028-46 Carroll av .....Garfield 1518

Trucks.
Barrett-Cravens Co, (Barrett Multi-Truck) Transportation bldg .....Harrison 5526
Sterling Wheelbarrow Company, 30 S Jefferson, (Factory Milwaukee, Wis).....Monroe 671
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Trucks, Elevating.
Barrett-Cravens Co, (Barrett Multi-Truck) Transportation bldg .....Harrison 552
Lewis-Shepard Company (E L Koenig Agt) 136 W Lake.....Franklin 378
National Scale Co, Kimball Hall.....Harrison 377
Transmission Ball Bearing Co, 12 N Jefferson .....Monroe 466
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Trucks, Freight and Warehouse.
Wood Guilford S, 20 W Jackson bl.....Harrison 294

Trucks, Industrial.
Lansing-Company, 169 W Lake.....Main 375

Trucks, Warehouse.
Kelly-Derby Co, 122 S Michigan av.....Harrison 33

Trucks, Warehouse & Trailer.
Schroeder H L 3512-3544 Carroll av.....Kedzie 11

Trunks, Cases, Etc.
Fleig, L L & Co, 216 W Austin av...Franklin 2

Trusses.
Seeley I B Truss Establishment, 117 N Dearborn .....Central 4
Sharp & Smith, 155-157 N Michigan bl.Randolph 3

Tubes, Boiler.
Chicago Tube & Iron Co, 1469 S Jefferson.Canal 3

Tubes, Brass and Copper.
Dallas A C & Son Inc, 223 N Jefferson...Franklin 5

Tubing, Seamless Steel.
Dearborn Steel & Iron Co, 122 S Mich av.Harrison
Steel Sales Corp, 129 S Jefferson.....Franklin 4

Tubular Goods, Oil Countr Iron and Steel.
Spang, Chalfant & Co Inc, McCormick bldg .....Harrison

Turpentine.
London-Savannah Naval Stores Co, 140 N Dearborn .....Majestic

Turpentine and Rosin.
Central Commercial Co, 111 N Market.....Main 733
General Naval Stores Co, 332 S Michigan av .....Harrison 6587

Turpentine, Rosin, Pine Oils Tar & Oil Tar.
Adams Fred C Co The, 234 N Lasalle....Wabash 6829

Twines.
Daily Bros, 20 W Austin av.....Central 5149
den Wm A Co, 564 Washington bl.....Main 1586

Twines and Cordage.
Curtis & Co Mnfg Co, 215 N Desplaines..Monroe 3441
Schermerhorn Bros Co, 5 N LaSalle.....Main 4460

Twist Drills.
Cleveland Twist Drill Co The, (A L Beardsley, Agent) 9 N Jefferson.....Main 2866
Whitman & Barnes Mfg Co The, (J C Scanlon, Agt), 565 Washington.....Franklin 2210

Twist Drills, High Speed.
Sich Tool Co, 80 E Jackson bl.....Harrison 3537

Two-Way Plug.
Benjamin Electric Mfg Co, 120-128 S Sangamon .....Monroe 6161

Type Founders, Printers' Machinery and Supplies.
merican Type Founders Co, 517-519 W Monroe .....Franklin 1188
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anston Monotype Machine Co, 417 S Dearborn .....Wabash 1652
See our Catalog Space, page 999

Type Metals.
urphy Metals Co, 114-16 W Vanburen..Harrison 964
taplin & Smith, 420 Orleans.....Main 2244

Typewriter Ribbons & Marking Crayons.
ackus Manufacturing Co The, 621 S Kedvale av .....Kedzie 5698

Typewriters—Portable.
orona Typewriter Company Inc, 12 S Lasalle .....Franklin 4992
ational Portable Dept Rex Typwriter Co, 180 N Wabash av.....Majestic 7365

Typewriters, Sold, Rebuilt Machines, All Makes.
ll Makes Typewriter Co, 193 N Dearborn..Central 6034

Underground Gasoline Storage Tanks.
hicago Steel Tank Co, 733 S Halsted.Haymarket 4081

Undertakers.
len R A Co, 859 N Clark.....Superior 615
aner Fred, 1253 N Clark.....Superior 913
estern Casket & Undertaking Co, 90 E Randolph .....Central 368
illiamson Ernest H, 5030 S State.....Kenwood 455

Undertakers (Private Ambulance).
ntzen Inc, 810 N Clark.....Superior 56

Undertakers Supplies.
rid Fluid Co, 215-217 S Western av.....West 937

Underwriters Labeled Fire Doors.
ss R J Mfg Co, Ogden and Kildare avs.Lawndale 3910

Uniforms and Caps.
eason T C & Co, 173 W Madison.....Main 60
uterer Geo Co, 222 W Madison.....Main 4728

Universal Cast Iron Pipe.
ntral Foundry Co The, 332 S Michigan av .....Harrison 2181
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Upholsterers Supplies.
Whitney H W, 305-315 S LaSalle.....Wabash 8210

Upholstering Springs Mnfrs.
Advance Spring & Wire Co, 1749 Carroll av .....West 3895

Upholsterings for Automobiles and Carriages.
Hoof Bros Co, 232 W Randolph.....Franklin 4748

Vacuum Cleaner Repairs.
General Repair & Sales Co, (We repair, overhaul, sell all makes Vacuum Cleaners. Write for free estimate) 56 W Washington.....Central 5344
Vacuum Cleaner Repairs Co, 1123 S Wabash av .....Harrison 5833

Vacuum Cleaners.
Birtman Electric Co, 1426 W Randolph.Monroe 6457
Clements Mfg Co (Cadellac, Little Ben, Big Ben, Reliable) 609 Fulton.....Monroe 6606
Duntley Company The, 732 S Michigan av.Harrison 7350
Verbeek Harry Co, 175 W Jackson bl....Harrison 217

Vacuum Pans.
Atlas Copper & Brass Mfg Co, 2734-38 High st .....Lincoln 4017

Valances, Glass Craft.
Schuler Art Glass Co, 617-631 W Jackson bl .....Haymarket 3672

Valve Boxes.
Central Foundry Co The, 332 S Michigan av .....Harrison 2181
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Valves.
Chicago Tube & Iron Co, 1469 S Jefferson.Canal 3167
Kelly & Jones Co, 157 N Clark.....Central 1327

Valves & Fittings.
Roth Mfg Co, 118-124 S Clinton.....Main 630

Valves and Fittings, High Pressure.
Elmes Charles F Engineering Works, 220 N Morgan.....Haymarket 696

Valves, Iron & Steel.
National Valve & Mfg Co (E J Ward Agt) Westminster bldg .....Randolph 1961

Valves, Mnfrs, Vacuum.
McAlear Mfg Co The, 223 W Erie.....Superior 7746

Valves—Multiplate.
O'Malley Beare Valve Co, 80 E Jackson bl.Harrison 6368

Valves, Pressure & Temperature Control.
Hornung J C, 343 S Dearborn.....Harrison 5919

Vanilla Beans.
Barrett M L & Co, 233 W Lake.....Main 11

Varnish, Enamels, Japans.
Nubian Paint & Varnish Co, 1856 LeClaire av .....Albany 4214

Varnish Manufacturers.
Barrett Varnish Co, 233 W Lake.....Main 11
Goldschmitt Chas, 11-15 E South Water..Central 5635

Varnishes.
Harrison Works (owned & operated by E I du Pont de Nemours & Co) 2001 Mendell....Monroe 3286

Varnishing, Gumming and Stiffling Labels & Papers.
U S Finishing & Mfg Co, 216 N Clinton....Main 2503

Vault & Safe Mnfrs.
Mosler Safe Co The, First Nat Bank bldg .....Randolph 1900

Vegetable Butter.
Brown Company (Kream Krisp) 110 S Dearborn .....Central 6494

Vegetable Fat for Candy Makers.
Brown Company ("Kay Kay") 110 S Dearborn .....Central 6494

Vegetable Peelers.
Maxim Manufacturing Co, 700 W 22d.....Canal 4499

Vending Machines.
Industry Novelty Co, 2901-3-5-7 Indiana av .....Calumet 4
Keeney & Sons Co, 2901-3-5 Indiana av..Calumet 440
Watling Mfg Co, 1029-1035 W Adams...Monroe 465

Veneered Panels.
Ross Charles F & Son, 426 Milwaukee av .....Haymarket 2527

Veneers and Panels.
Nartzik J J, 1966-1974 Maud av.....Lincoln 3968

Ventilating.
Garner Ventilating Co, 701 Fulton.....Haymarket 1714

Ventilating and Air Conditional Devices Installed.
Haines Co The, 1933 W Lake.....Seeley 4023

Ventilating Apparatus, Blower and Fan Mnfrs.
Batterman, Truitt Co, 18-20 E Kinzie..Randolph 5187
Ilg Electric Ventilating Co, 154 Whiting..Superior 3433

Ventilating Contractors.
Haines Co The, 1933 W Lake.....Seeley 4023

Ventilating Contractors, Gen'l. Sheet Metal Work
Baker Edward J & Co, 10 S LaSalle.....Main 758

Ventilating Engineers.
Invincible Blow Pipe Co The, 2527-31 Homer .....Humboldt 9049

Ventilating, Portable Warm Air & Mechanical.
Gillespie-Dwyer Company, 117 N Dearborn .....Randolph 7229

Ventilators, Roof.
Arex Co, 1587 Conway bldg.....Franklin 5453
Kernchen J C, 1588 Conway bldg.....Franklin 5454
Kernchen Company, McCormick bldg..Harrison 3072

Ventilators & Ventilation.
Kernchen Company, McCormick bldg...Harrison 3072

Ventilators, Window.
Ideal Ventilator Co, Insurance Exch....Wabash 2020

Vermin Exterminators.
McCloud W B & Co, 1012 N Wells....Superior 568

Vinegar Mfrs.
Callahan A P & Company, 2409 S LaSalle.Calumet 410

Violin Dealers, Makers, Importers & Repairers.
Lewis Wm & Son, 225 S Wabash av....Harrison 1019

Vise Manufacturers.
Massey Vise Co, 547 Washington bl.....Franklin 3891

Vises, Drill Presses.
Armstrong-Blum Mfg Co, 333 N Francisco av .....Garfield 4781
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Voltmeters and Ammeters.
Reliance Instrument Co, 1135 W Vanburen.Monroe 6092

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Wagon Covers.
Iden Wm A Co, 564 Washington bl.....Main 1586

Wagon Seat Shades Mnfrs.—Sun and Storm Tops.
Iden Wm A Co, 564 Washington bl.....Main 1586

Wagon Wood Material.
Spear William H Company, First Nat Bank bldg .....Central 778

Wagons, Mnfrs.
Press' Jacob Sons, 300 N Halsted.....Monroe 797

Wall Beds.
Murphy Door Bed Co, 22 W Monroe...Randolph 2219

Wall Board.
Bestwall Mfg Co, 25 N Dearborn.....Randolph 3886
Cornell Wood Products Co, 175 W Jackson bl .....Harrison 2634

Wall Board—For Ceilings, Partitions and Walls.
Cottage Grove Mfg Co, 3912 Langley av..Douglas 799

Wall Paper.
American Wall Paper Co, 825 Wabash av.Harrison 8140
Maxwell S A & Co, 74 E Randolph....Randolph 5220

Wall Paper Mnfrs.
Audebert Wall Paper Mill (Send for samples) Foster and Ravenswd avs.....Edgewater 4233

Warehouse & Van Supplies, Loading Pads & Equipment.
Iden Wm A Co, 564 Washington bl.....Main 1586

Warehouses.
Chicago Storage & Transfer Co (Exceptional Facilities for the Re-Shipping of Car-Load & Less than Car-Load) 5817-5865 W 65th.Prospect 415
Continental Warehouse Co, 418-434 W 12th pl .....Canal 6680
Currier-Lee Warehouse Co, 427-443 W Erie .....Superior 9066
Griswold & Walker Inc, 113 E Austin av..Central 4347
Mahin Shipping & Storage Warehouse, 2201-19 Ford av.....Canal 7171
Soo Terminal Warehouse Co, 519 W 12th...Canal 5740
Union Terminal Warehouse Co, 619-21 S Canal .....Wabash 1756

Warehouses—Merchandise.
Wakem & McLaughlin Inc, 225 E Illinois..Central 6241

Washers, Brass and Steel.
Chicago Nut Company, 2513-39 W 20th.Lawndale 3314
Pheoll Manufacturing Co, 5702 W 12..Columbus 300

Washers & Burrs.
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Washers in Special Sizes, Metal Leather & Fibre.
Quadriga Mfg Co The, 213-221 W Grand av .....Superior 560

Washers, Special to Order.
Bersted Forming Tool Co, 763-771 Mather ..... Monroe 4675

Washing Machines (Electric).
Chicago Dryer Company, 624-630 S Wabash av .....Harrison 5774
Geyser Electric Co, 321-323 N Sheldon.Haymarket 7647

Washing Machines Mfrs.
National Sewing Machine Co, 320 W Madison .....Franklin 4420

Washing Machines, Mnfrs. Electric and Hand.
Apex Appliance Co, 3223 35 W 30th...Rockwell 2284
Thistle Mfg Co The, 325 N Curtis.....Monroe 2744

Waste—Cotton, Wool and Packing.
Royal Manufacturing Co (I P Strauss Rep) 122 S Michigan av .....Harrison 3718

Waste and Excelsior Cans.
Diener Geo W Mfg Co, 400-416 N Monticello av .....Kedzie 2266

Waste Paper.
Mendelson Bros Paper Stock Co, 910 S Michigan av .....Harrison 2840

Watches, Wholesale.
Shure N Co, 237-241 W Madison .....Main 3482

Watchman's Clock Mnfrs.
Chicago Watchman's Clock Works, 56 E Randolph .....Central 1720
Hardinge Bros Inc, 1765 Berteau av....Lakeview 371
Howard E Clock Co The, 31 N State.....Central 6951

Watchman's Clocks.
Simplex Time Recorder Co, 30 N Dearborn .....Randolph 1839

Water Coolers—Fountains with Cooling Facilities.
Allen Filter Service The, 359 N State..Randolph 835

Water Filters.
Allen Filter Service The, 359 N State..Randolph 835
Everson Filter Co, 70 W Lake.....Central 6737
Graver Wm Tank Works, 28 E Jackson bl.Wabash 2070
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Water Heaters.
Peerless Boiler Co Not Inc, 6 & 8 W Lake .....Randolph 910

Water Mains.
Central Foundry Co The, 332 S Michigan av .....Harrison 2181
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Water Purifiers & Sterilizers.
Electric Ozone Sterilizer Co, Monadnock blk .....Harrison 8243
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Water Purifying Apparatus, Water Stills.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
See our Catalog Space, page 1022

Water Softeners.
Graver Wm Tank Works, 28 E Jackson bl.Wabash 2070
See our Catalog Space, page 1013.

Water Stills.
Jewell Polar Co, 24 to 30 S Clinton..Franklin 5545
See our Catalog Space, page 1022

Water Supply Systems.
Cameron Schroth Co (Leader Iron Works) Rush st Bridge .....Randolph 2575
Davies Supply Co (Leader Iron Works) 400-14 W Ontario .....Superior 5560
Hoelscher Bros (Leader Iron Works) 1301 W Division.....Monroe 1422
Kellogg Mackay Co The (Leader Iron Works) 119 W 18th.....Canal 4950
Wise Royal C "Standard," 53 W Jackson bl .....Wabash 7452

Water Systems for Country Homes.
Leader Iron Works, 327 S LaSalle...Harrison 2391

Waterproofing.
Biegler E N Inc, 2730 N Rockwell....Humboldt 135
Ceresit Water Proofing Co, 110 S Dearborn .....Randolph 1332
Vitrifyx Company The, Chamber of Com....Main 1065

Waters, Medicinal & Mineral.
Manitou Mineral Water Company The (B G Earl Rep) 36 S State.....Central 8750
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Wax.
Barrett M L & Co, 233 W Lake.....Main 11

Wax Engravers.
Fitzner Ben, 422 S Dearborn.....Harrison 2307
Laue Chas F, 542 S Dearborn.....Harrison 7559

Wax Figure Repairing or Refinishing.
Blumenthal Julius, 166 N State.....Central 3962

Wax Figures & Show Forms, Mnfrs. & Refinishers.
American Wax Figure & Display Fixture Co, 1669 Milwaukee av.....Armitage 7400

Wax Ironing, Household, Laundry & Beeswax.
Brown Mfg Co, 54 W Lake.....Central 6922

Wax Mineral and Vegetable.
Candy & Co Inc, 401-411 N Paulina.....Monroe 13
Clark Frank C, 316 W Kinzie.....Main .690

Waxed and Oiled Papers.
Duffin John V, 35 N Dearborn.....Randolph 667
Smith H P Paper Co, 1130-38 W 37th....Drover 820

Weather Strips.
Allmetal Weatherstrip Co, 228 W Madison .....Franklin 517
Athey Co, 124 W 24th.....Calumet 455
Monarch Metal Weather Strip Co The (W L Van Dame Co Dist) 58 E Washington..Randolph 175
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Robbins Mfg Co, 815 N Central Pk av....Albany 260
Shogren Weatherstrip Co, 706 Townsend.Superior 973

Weavers.
American Textile Weaving Co (We re-weave all kinds of damages in garments) 234 S Lasalle .....Wabash 71

Welders.
Acme Boiler & Tank Co, 48th and Aberdeen ..... Yards 74
Torchweld Equipment Co, Fulton and Carpenter .....Haymarket 71
Wood John Mfg Co, 321 E Grand av...Superior 41

Welders (Oxy—Acetylene)
Austin Welding Works, 319 S Jefferson..Wabash 17

Welders—Automobile Repairers.
Lundgreen R G, 2439 N Halsted.....Diversey 8

Welders, Electric.
E C Mfg Co, 522 S Clinton.....Harrison 8

Welders, Electric and Oxygen Acetylene.
Corbett Geo E Boiler & Tank Co, 1332-1336 Cortland .....Lincoln 4

Welding Apparatus.
Burdett Mnfg Co, 309-319 St Johns ct...Monroe 4
Davis-Bournonville Co, 143 W Austin av..Franklin 5
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Imperial Brass Mfg Co, 1200 Wilarrison.Haymarket

Welding Apparatus (Electric) for Spot & Butt Wo
Federal Machine & Welder Co The (Rep A E Meyer), 15 S Clinton.....Franklin

Welding & Cutting Apparatus.
Milburn Alexander Co The, Kimball bldg.Harrison
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Torchweld Equipment Co, Fulton and Carpenter .....Haymarket

Welding, Heavy Parts, Thermit Welding Apparatus.
Goldschmidt Thermit Co, 7300 South Chicago av .....Midway 6490

Welding Material&Supplies.
Torchweld Equipment Co, Fulton and Carpenter .....Haymarket 7131

Welding Sticks, Aluminum.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals), Monadnock blk...Harrison 6628
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Well Contractors.
Gray F M Jr, 14 E Jackson.....Harrison 1147

Wheelbarrows.
Lansing-Company, 169 W Lake.....Main 3758
Sterling Wheelbarrow Company, 30 S Jefferson. (Factory, Milwaukee, Wis).Monroe 671
See our Catalog Space, page 956

Wheels; Car (Freight, Passenger, Street).
American Car & Foundry Co, Railway Exch bldg .....Harrison 8300

Wheels, Special Wood.
LaPierre Henry M Co, 1314 W 21st.... Canal 3137
See our Catalog Space, page 1026

Wheels and Wheel Material, Automobile and Vehicle.
Hoof John C & Co, 157 W Illinois.....Main 1430

White Lead.
Harrison Works (Owned & Operated by E I du Pont de Nemours & Co) 2001 Mendell...Monroe 3286

White Metal.
Chicago Smelting & Refining Co, 1356 W 21st .....Canal 4615

White Sand.
Three Products Company, 328 W 37th.....Drover 2884

Whitewashing & Painting Machines.
Car Brass Works The, 3114-3122 Carroll av .....Kedzie 9551
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Wigs and Toupees.
Crest Jules Wig Co, 25 W Madison.....Central 2115
Kettler Company The, (Carl Kettler, President Former Manager of Wm Hepner Wig Co. We lead the world in Wigs and Toupees) 56 W Washington .....Central 4621
Dinghammer Jos, 115 S Dearborn.....Central 6611
Herup John M, Consumers bldg, 220 S State .....Harrison 5505
Krehl Wm R, 5 S Wabash av.....Central 3327

Wind Shields.
Universal Pure Air Pump Co, 1607-1611 Prairie av .....Calumet 1545

Window Calking.
Advance Calking Co, 180 N Dearborn.....Central 1802

Window Cards.
DeAleer Show Card Service, 64 W Washington .....Central 6760

Window Cleaners' Supplies.
Hilson Ludwig Brush & Supply Co, 455 S Clark .....Harrison 6337

Window Display Backgrounds, Designers & Mfrs.
Sedine-Spanjer Co The, 1160 Chatham ct.Diversey 2585

Window Display Fixtures, Mnfrs.
Display Fixture Service Inc, 515-523 N Halsted .....Haymarket 6860

Window Display Fixtures and Wax Figures.
Great Western Fixture Works, 178 W Jackson bl .....Wabash 6974

Window Display, Glass Craft Valances.
Schuler Art Glass Co, 631 W Jackson bl.Haymarket 3672

Window Displays.
Schmidt Theo A Litho Co, 1050 Fullerton av .....Lincoln 2505

Window Screens & Door Screens.
Schuckmell Company The, 3757-59 W North av .....Albany 3150

Window Shade Adjuster and Shade Mnfrs.
Hover Mfg Adjuster Shade & Cleaning Co, 445 W Chicago av.....Superior 2756

Window Shades, Glass Craft Valances.
Schuler Art Glass Co, 617-631 W Jackson bl.....Haymarket 3672

Window Shades & Show Window Valances.
Weinberg Julius, 1459-61 Milwaukee av.Humboldt 1083

Window Shades Wholesale—Cloth, Stock & Rollers.
American Shade Cloth Co, 210 E 47th..Oakland 3508

Window Signs.
Meyercord Co The, Chamber of Commerce...Main 1461
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 20 W Jackson bl.....Harrison 6878

Window Signs, Genuine Decalcomania.
Meyercord Co The, Chamber of Commerce...Main 1461

Wire.
Fischer & Hayes Rope Co, 602 W Lake...Monroe 76

Wire (Baling & Binding).
Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

Wire (Barbed).
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Wire (Copper and Brass).
Metal Products Co, 100 S Jefferson..Haymarket 7166

Wire (Fine Drawn).
Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

Wire (Insulated).
Illinois Wire & Cable Co, 423 Harris Trust bldg .....Randolph 312

Wire (Mnfrs.)
American Steel & Wire Co, 208 N LaSalle.Wabash 4020
Holyoke Covered Wire Co (L E Kaplow, Mgr), 137 N Wabash av.....Central 3340
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Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Wire (Resistance & Special Alloys).
Hoskins Mfg Co, 10 S LaSalle.....Franklin 2074

Wire (Stitching For Bookbinders & Box Makers).
Chicago Steel & Wire Company, 103d and Torrence av .....So Chicago 2140

Wire (Straightened & Cut).
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Wire (Weatherproof Line & Telephone).
American Insulated Wire & Cable Co, 954-64 W 21st .....Canal 1854

Wire Baskets.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Baskets, Window Guards, etc.
Peerless Wire Goods Co, 20 E Jackson bl..Wabash 5212

Wire Cloth.
Smith, F P Wire & Iron Works, 54 W Lake.Central 438
Western Metal Products Co, 15 W Kinzie..Central 2839

Wire Cloth, Coal, Gravel or Mining Screens.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Cloth, for Screening Coal, Etc.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Cloth Mnfrs.
American Wire Fabrics Co, 208 S Lasalle..Wabash 6692

Wire Cloth & Mining Screen
Tyler W S Company The, McCormick bldg. .....Harrison 8860

Wire Fence.
Interstate Iron & Steel Co, 38 S Dearborn..Central 3264

Wire Fence, Wire & Iron.
Cyclone Fence Company, 175 W Jackson bl.Wabash 2020
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Page Steel & Wire Co, 175 W Jackson bl.Harrison 1197

Wire Goods.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Goods, Automatic Machine Formed.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Goods—Manufactured by Automatic Machines.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Guards.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Chicago Wire Iron & Brass Works The, 2340 Nelson .....Wellington 6676

Wire Guards, Railings, Elevator Enclosures, Etc.
Barbee Wire & Iron Works, 170-172 N Dearborn .....Central 5276
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Wire Lamp Shade Frames.
Dalmer T C Mfg Co, Wire Work of any description, 156 N State.....Central 1792

Wire Lath, Metal Furring & Plasterers Supplies.
Voss Frederick, 552 W Monroe .....Main 5333

CHICAGO—continued

Wire Mach. & Belt Guards.
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
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Wire Nails, Mnfrs.
Interstate Iron & Steel Co, 38 S Dearborn.. Central 3264

Wire Novelties.
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
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Wire Partitions.
Aetna Iron & Wire Company, 119-123 N Sheldon ..... Haymarket 1877

Wire Rods, Mnfrs.
Interstate Iron & Steel Co, 38 S Dearborn.. Central 3264

Wire Rope.
Fischer & Hayes Rope Co, 602 W Lake... Monroe 76

Wire Rope Mnfrs.
Macomber & Whyte Rope Co, 507-509 S Clinton ..... Harrison 6088

Wire Signs.
Klintz A & Co, 905 W Randolph..... Haymarket 1196

Wire Specialties.
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
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Wire Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), 202 S State..... Harrison 1473

Wire Wheel Carriers.
Simplex Carrier Co, 2245 Cottage Grove av ..... Calumet 4170

Wire Wheels.
Standard Roller Bearing Co, 2206 S Michigan av ..... Calumet 243

Wire Work of All Kinds.
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

Wire Work, Light Iron Specialties.
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026

Wire Works.
Guaranty Iron & Wire Co, 2851 W Lake. Garfield 7259

Wire and Iron Work.
Acorn Wire & Iron Works, 5912-5918 Lowe av ..... Normal 9447
Barbee Wire & Iron Works, 170-172 N Dearborn ..... Central 5276
See our Catalog Space, page 1026
Chicago Wire Iron & Brass Works The, 2340 Nelson ..... Wellington 6676
Cyclone Fence Co, 175 W Jackson bl. Wabash 2020
See our Catalog Space, page 953
Page Steel & Wire Co, 175 W Jackson bl ..... Harrison 1197
Smith F P Wire & Iron Works, 54 W Lake. Central 438

Wiring Devices.
Benjamin Electric Mfg Co, 120-128 S Sangamon ..... Monroe 6161

Wood Carvers.
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Dealers.
Holling head J D Co (Car lots only) 168 S LaSalle..... Wabash 242
Illinois Fuel & Mining Co (Bakers Wood Slabs & Kindling) 39 S LaSalle.... Randolph 3321

Wood Engravings.
Hawtin Engraving Co The, 19 S Wells... Main 4103

Wood Finishing Materials.
Franche C E & Co, 440 Orleans..... Main 4251

Wood Letters.
Chicago Sign Board Co, 163 N Morgan.. Monroe 1968

Wood Split Pulleys.
Pyott Pulley Co, 955 Carroll av..... Haymarket 6336

Wood Stains and Fillers.
Franche C E & Co, 440 Orleans..... Main 4251

Wood Turners.
American Wood Working Co, 4345 Wabansia av ..... Belmont 243
Gould S Wood Novelties Mfg Co (Everything in wood work at lowest prices), 1208 Jackson bl ..... Monroe 2333
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Turners, Automatic.
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Turning Novelties.
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Turnings (Special).
Borgeson C E, 4555 Ravenswood av.. Ravenswood 9814
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Work, Industrial.
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Work, Special.
LaPierre Henry M Co, 1314 W 21st..... Canal 3137
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Wood Working Machinery.
American Wood Working Machinery Co, 565 W Washington bl..... Franklin 3664
Chicago Machinery Exchange, 1219-27 Washington bl ..... Monroe 5188
Illinois Engineering & Machinery Co, 222-224 N Clinton ..... Franklin 1008

Wood Working Machinery Rebuilders.
Illinois Engineering & Machinery Co, 222-224 N Clinton ..... Franklin 1008

Wooden Tank Mnfrs.
Eagle Tank Co, 2426-2456 N Crawford av.. Albany 6250
Johnson & Carlson, 848 Eastman..... Lincoln 782

Woodenware.
Borgeson C E, 4555 Ravenswood av... Ravenswood 9814

Woodstock and Wood Bendings, Automobile & Vehicle.
Hoof John C & Co, 157 W Illinois..... Main 1430

Woolen and Worsted Manufacturers.
Hanover Woolen Mnfg Co (S Stein & Co Agts), North American bldg..... Central 4048

Wrapping Paper.
Brown Company (Nibroc Kraft), 110 S Dearborn ..... Central 6494

Wreckers.
Bosley Bros Inc, Robey and Carroll av.... Seeley 4325
Carr Bros Wrecking Co, 3039 S Halsted.... Yards 1294
Gillette Lumber & Wrecking Co, 4824 S Halsted ..... Yards 74
Miller Wm M, 1116 W Lake..... Monroe 422

Wreckers, Iron & Steel Plants, Boilers, Machy.
Calumet Iron & Metal Co, 4022 S Wells.. Drover 6395

Wrecking and Salvage.
Miller Wm M, 1116 W Lake..... Monroe 422

Wrenches.
Cochran Pipe Wrench Mfg Co, 7544 S Chicago av ..... Hyde Park 6509
Walden-Worcester Inc (C N & F W Jonas) Transportation bldg ..... Wabash 8429

Wrenches, Ratchet.
Lane Will B, 180 N Dearborn..... Central 8712

Wrenches (Mnfrs.) Screw & Drop Forge.
Whitman & Barnes Mfg Co The (J O Scanlon Agt) 565 Washington bl ..... Franklin 2210

X-Ray Apparatus.
Wappler Electric Co Inc, 1871 Ogden av.. West 2766

X-Ray & Electro Therapeutic Apparatus.
Bleadon-Dun Co, 11-17 S Desplaines. Haymarket 1449

X-Ray Plates, Films, Barium & Accessories.
Brady Geo W & Co, 809-11 S Western av. Seeley 255

X-Ray Tubes, Electrodes & Accessories.
Machlett E & Son (E O Ries) 1822 W Harrison ..... Seeley 320

X-Ray Tubes, Electrodes and Accessories—Mnfrs.
Kesselring X-Ray Tube Co, 640 W Lake.. Monroe 460

Yeast Mfrs.
Callahan A P & Company, 2409 S LaSalle. Calumet 4

Zinc Dross and Skimmings.
Loraine Smelting & Refining Co, 25 N Dearborn ..... Central 46

Zinc Etchers.
Barnett Jos H & Co, 508 S Dearborn.. Harrison 13

Zinc Etchings.
Hawtin Engraving Co The, 19 S Wells.... Main 41

Zinc—Sheet, Ingot & Scrap.
Metal Products Co, 100 S Jefferson... Haymarket 7

CHICAGO HEIGHTS

Automobile Radiator Compound.
Economy Scale Remover Co, 1608 Otto bl ..... Chicago Heights
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Axle Mnfrs.
Wood-Smith Co ..... Chicago Heights

Blowers, Hand & Power.
Canedy-Otto Mfg Co..... Chicago Heights

Boiler Compound.
Economy Scale Remover Co, 1608 Otto bl ..... Chicago Heights
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Corrugated, Galvanized & Black Sheet Iron.
Maier John & Co, 5 Illinois ..... Chicago Heights

Drilling Machines, Post.
Canedy-Otto Mfg Co..... Chicago Heights

Drilling Machines, Radial.
Canedy-Otto Mfg Co.....Chicago Heights 36

Drilling Machines, Upright.
Canedy-Otto Mfg Co.....Chicago Heights 36

Forges, Portable, Blacksmith, Hand & Power.
Canedy-Otto Mfg Co.....Chicago Heights 36

Sheet Iron & Tin Work.
Maier John & Co, 5 Illinois .....Chicago Heights 235

Shoe Laces Mnfrs.
Diamond Braiding Mills, 16th and Union .....Chicago Heights 1667

Skylights.
Maier John & Co, 5 Illinois.....Chicago Heights 235

Welding & Cutting Apparatus.
Thermalene Co The .....Chicago Heights 262

CICERO

Cartons Butter—Paraffined.
Tavra E H & Co.....Lawndale 3708

Tractor Accessories.
Universal Lug Company, 1401 S 55th ct....Cicero 153

DECATUR

Aluminum Castings.
Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Main 2972

Automobile Builders, Pleasure Cars & Motor Trucks
Comet Automobile Co, 156 S Water, Dept D.Main 6160

Belting.
Alexander Bros Leather Belting (Morehouse & Wells Co) 134 E Main....Main 40

Boiler Makers & Repairers.
Decatur Boiler & Welding Co, 1217 East Eldorado .....Main 6901

Brass Castings.
Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Main 2972

Castings, Gray Iron.
Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Main 2972

Castings, Iron, Brass & Aluminum.
Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Main 2972

Castings—Malleable Iron.
Decatur Malleable Iron Co, Woodford & Curtis .....Main 1754

Corn Cleaners.
Union Iron Works, Morgan and William.....Main 51

Corn Shellers.
Union Iron Works, Morgan and William.....Main 51

Elevating Conveying & Power Transmitting Machinery.
Union Iron Works, Morgan and William.....Main 51

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Union Iron Works, Morgan and William.....Main 51

Grain Eevator Equipment.
Union Iron Works, Morgan and William.....Main 51

Iron Castings.
Decatur Pump & Mfg Co, 360-380 E Cerro Gordo .....Main 2972

Leather Belting.
Alexander Bros Leather Belting (Morehouse & Wells Co) 134 E Main....Main 40

Malleable Iron Castings.
Decatur Malleable Iron Co, Woodford & Curtis .....Main 1754

Motor Trucks.
Comet Automobile Co, 156 S Water, Dept D.Main 6160

Power Pumping Units.
Leader Iron Works.....Main 1127

Power Pumping Units, Automatic, Electric.
Leader Iron Works.....Main 1127

Power Pumping Units, Gasoline Engine Driven.
Leader Iron Works.....Main 1127

Tanks, Air Drums.
Leader Iron Works.....Main 1127

Tanks, Air Receivers.
Leader Iron Works.....Main 1127

Tanks, Hot Water Storage.
Leader Iron Works.....Main 1127

Tanks, Hydro Pneumatic.
Leader Iron Works.....Main 1127

Tanks, Riveted & Welded.
Leader Iron Works.....Main 1127

Water Supply Systems.
Field & Shorb Co The (Leader Iron Works).Main 76

Water Systems for Country Homes.
Leader Iron Works.....Main 1127

Weather Strips.
Niagara Metal Weather Strip Co (Decatur Metal Weather Strip Co), Wait bldg....Main 3908

DeKALB

Castings—Gray Iron—Jobbing Foundry.
Standard Foundry & Mfg Co, Pleasant....Main 385

Dies, Tools & Screw Machine Work.
Kohler Die & Specialty Co, Cortland rd....Main 58

Gloves, Leather Work.
Bradt & Shipman Co ("Brotherhood") 323 E Lincoln Highway.....Main 10

Grey Iron Foundries.
Haish Jacob Co, 9th and Oak.....Main 259

Motor Trucks.
De Kalb Wagon Co, 229 Garden.....Main 8

Stampings, Light & Heavy & Light Manufacturing.
Kohler Die & Specialty Co, Cortland rd...Main 58

Wagons—Business.
De Kalb Wagon Co, 229 Garden.....Main 8

Wire—Insulated.
Nehring Electrical Works, 6th and E Lincoln Highway .....Main 633

Wire Stretchers—Mnfrs.
Smith C F Mfg Co, 530 S 1st.....Main 244

DIXON

Corn Meal & Feed—Manufacturers & Jobbers.
Dixon Cereal & Feed Co, 119 Galena....Dixon 156

Lawn Mowers—Manufacturers.
Clipper Lawn Mower Co, 7th st.....Dixon 281

Piano Player Rolls—Manufacturers.
Rodesch-Billings Co, 106 E River.....Dixon 227

Plow Manufacturers.
Grand Detour Plow Co, 916 Depot av....Dixon 46

DUNDEE

Carbon Brushes for Motors and Generators.
Universal Carbon Co .....Interstate 45-W

Dry Cell Batteries.
Universal Carbon Co .....Interstate 45-W

Lamps, Battery Hand.
Universal Carbon Co .....Interstate 45-W

DWIGHT

Baling Presses.
Spencer J A, S Washington.....Main 10

Floor Scrapers.
Kepplinger G J.....Main 73

EAST ST. LOUIS

Boxes, Wire Bound.
Pioneer Box Co, 11th & Converse av.. Bridge 1074

Paints, Mnfrs.
Victor Paint Mfg Co, 115 N 5th Bell-East 1535
.....Kinloch-St.Clair 486

ELGIN

Butter Tubs.
Elgin Butter Tub Co, Elgin.....Elgin 169

Speedometers.
Van Sicklen Co The, 14 Chicago.....Elgin 2380

Tanks (Wood) and Steel Towers.
American Tower & Tank Co, 5 Oak.....Elgin 1780

EL PASO

Motor Cultivator.
S K & S Co, El Paso Ill ("Jim Dandy" Four Wheel Drive)...El Paso 314

EVANSTON

Butter, Cheese & Eggs.
North Shore Creamery Co, 1306 Sherman av ..... Evanston 2630

Cheese, Wholesale.
North Shore Creamery Co, 1306 Sherman av ..... Evanston 2630

Salad Dressing.
North Shore Creamery Co, 1306 Sherman av ..... Evanston 2630

FREEPORT

Drill Heads—Auxiliary.
Hoefer Mfg Co, 155 Chicago ..... Main 56

Drilling Machines—Gang.
Hoefer Mfg Co, 155 Chicago ..... Main 56

Drilling Machines—Special.
Hoefer Mfg Co, 155 Chicago ..... Main 56

Drilling Machines—Upright.
Hoefer Mfg Co, 155 Chicago ..... Main 56

Grease Guns.
Neiman Machine Wks, 98-100 Mechanic .... Main 288

Toilet Preparations, Medicines & Disinfectants.
Rawleigh W T Co The, Liberty ..... Main 4

FULTON

Rubber Tires.
Lincoln Highway Tire Co, Cor 4th av and 10th ..... Fulton 166

GALESBURG

Balers, Waste Paper & Rags.
Shaw Welsh & Co, 557 S Cherry Bell-Galesburg 470
..... Galesburg Union-Main 1237

Grey Iron Castings.
Shaw Welsh & Co, 557 S Cherry Bell-Galesburg 470
..... Galesburg Union-Main 1237

Malleable Iron Castings.
Galesburg Malleable Castings Company, 3d and Ave C ..... Galesburg 1648

GALVA

Pumps. (Spraying and Whitewashing).
Hayes Pump & Planter Co ..... Galva 28

GENEVA

Castings Semi-steel and Gray Iron.
Geneva Foundry & Machine Co, 6th & Stevens ..... Geneva 821

Hardware Specialties.
Burgess Norton Mnfg Co, Geneva ..... Geneva 804

Screw Machine Products.
Burgess Norton Mnfg Co, Geneva ..... Geneva 804

Sheet Steel Stampings.
Burgess Norton Mnfg Co, Geneva ..... Geneva 804

GRANITE CITY

Safety Appliances.
Howe Safety Appliance Co, (Howe Improved Saw & Jointer Guards), 19th & D sts .. Illinois 249

JOLIET

Corn Shellers.
Joliet Manufacturing Co ..... Joliet 31

Folding Boxes, Paper.
National Carton Co ..... Joliet 449

Galvanizing Equipments, Mnfrs.
Meaker Guy L, 311 Vanburen ..... Joliet 468

Sheet Metal Works.
Farrell Kemp & Gushe Co, Cass & Bissel .. Joliet 2555

Tanks.
Farrell Kemp & Gushe Co, Cass & Bissel .. Joliet 2555

KEITHSBURG

Oilers—Pump Type.
Cannon Oiler Co (The) Successor to R E Bloomer, Keithsburg ..... Keithsburg 171

LASALLE

Smelters—Spelter, Slab and Sheet Zinc.
Matthiessen & Hegeler Zinc Co, 9th & Sterling ..... LaSalle 8

Zinc— Sheets and Ribbon in Coils.
Matthiessen & Hegeler Zinc Co, 9th & Sterling ..... LaSalle 8

MENDOTA

Agricultural Implements.
Tower J D & Sons Co, 6th av ..... Mendota 165

MINONK

Coal Miners & Shippers.
Minonk Coal Co ..... Minonk 1

MOLINE

Automobile Accessories—Storage Batteries.
Victor Storage Battery Co, 7th and 4th av. Moline 1520

Automobile Pistons (Aluminum.)
Western Pattern & Mfg Co, 428, 3d av .. Moline 709

Automobiles, Mnfrs.
Velie Motors Corporation, 25 Velie pl .... Moline 1161

Batteries, Storage, For Automobile & Farm Light Plants.
Victor Storage Battery Co, 7th and 4th av. Moline 1520

Binders.
Desaulniers & Co, Caxton blk ..... Moline 215

Carriages.
Velie Motors Corporation, 25 Velie pl ... Moline 1161

Castings (Brass, Bronze and Aluminum.)
Western Pattern & Mfg Co, 428, 3d av ... Moline 709

Catalog Builders.
Desaulniers & Co, Caxton blk ..... Moline 215

Chassis for Ambulances, Police Patrol, Funeral Car.
Velie Motors Corporation, 25 Velie pl ... Moline 1161

Electrotypers.
Desaulniers & Co, Caxton blk ..... Moline 215

Elevators.
Montgomery Elevator Company, 2001 1st av ..... Moline 1280

Elevators—Freight and Passenger.
Montgomery Elevator Company, 2001 1st av ..... Moline 1280

Engravers.
Desaulniers & Co, Caxton blk ..... Moline 215

File Handles—Taperfit.
Strombeck-Becker Mfg Co, 51st and 4th av ..... Moline 1475

Forgings.
Williams White & Company, 8th st & 3d av. Moline 3000

Handle Makers—Wooden.
Strombeck-Becker Mfg Co, 51st and 4th av ..... Moline 1475

Machine Work.
Western Pattern & Mfg Co, 428, 3d av ... Moline 76

Machinery, Bulldozers.
Williams White & Company, 8th st & 3d av. Moline 300

Machinery for Forging, Rolling and Bending.
Williams White & Company, 8th st & 3d av. Moline 300

Machinery—Hammers, Power and Drop.
Williams White & Company, 8th st & 3d av. Moline 300

Machinery, Punching and Shearing.
Williams White & Company, 8th st & 3d av. Moline 30

Malleable Iron Castings.
Cooper H W Saddlery Hdw Mfg Co, 228, 2d ..... Moline

Motor Trucks.
Velie Motors Corporation, 25 Velie pl ... Moline 11

Motor Vehicle Clutches.
Borg & Beck Company The, 6th st and 3d av ..... Moline

Moulding Machines.
Cooper H W Saddlery Hdw Mfg Co (Moline Hand Squeezers) 228 2d ..... Moline

Patterns (Wood and Metal
Western Pattern & Mfg Co, 428, 3d av .... Moline

Platers (Nickel, Brass, Copper, Silver.)
Western Pattern & Mfg Co, 428, 3d av .... Moline

Printers.
Desaulniers & Co, Caxton blk ..... Moline

Saddlery Hardware.
Cooper H W Saddlery Hdw Mfg Co, 228, 2d ..... Moline

Tractors.
Velie Motors Corporation, 25 Velie pl....Moline 1161

Weather Strips.
Monarch Metal Weather Strip Co The, (W Geo Heider Distributor) 1202 15th.....Moline 2975
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Wood Turners.
Strombeck-Becker Mfg Co, 51st and 4th av .....Moline 1475

NORTH CHICAGO

Bench Legs, Cast Iron.
Chicago Foundry & Hardware Co, Ft Commonwealth av .....North Chicago 577

Castings, Gray Iron.
Chicago Foundry & Hardware Co, Ft Commonwealth av .....North Chicago 577

Plumbers Supplies.
Gibson Bros Mfg Co, Davis and Morrow avs .....North Chicago 649

Welding Rods, Iron, Brass, Aluminum.
Chicago Foundry & Hardware Co, Ft Commonwealth av .....North Chicago 577

OREGON

Phonograph Manufacturers.
Schiller Piano Company, Cor Franklin and Third .....Oregon 48

Piano Manufacturers.
Schiller Piano Company, Cor Franklin and Third .....Oregon 48

PEKIN

Cooperage.
Pekin Cooperage Co, Washington & Chicago.Main 542

PEORIA

Art Glass.
Morgan R J, Art Glass Signs, 108, 3d.....Main 2623

Autographic Registers & Roll Printers.
Globe Register Co, The, (Roy Defenbaugh), Lehmann bldg .....Main 8499

Barrels.
Empire Cooperage Co (Slack Barrels).....Main 3434

Belting.
Alexander Bros, Leather Belting, (E M Smith & Co), 409 S Washington.....Main 1083

Coal Drill Machines (Hand) and Miners Supplies.
Peoria Coal Drill Works Inc, 3112-3114 S Adams .....Main 1744

Coal Drills (Hand) Miners Tools and Supplies.
Dooley Bros, 604 S Adams .....Main 674

Grain Elevators and Conveyors.
Hart Grain Weigher Co, Dept T.....Main 365

Leather Belting.
Alexander Bros, Leather Belting, (E M Smith & Co), 409 S Washington.....Main 1083

Lockers, Steel.
Pedart Fred Mfg Co (H F Kircher & Co, Rep), Lehmann bldg.....Main 4536

Miners Hand Coal Drills and Supplies.
Peoria Coal Drill Works Inc, 3112-3114 S Adams .....Main 1744

Miners Hand Coal Drills Tools and Supplies.
Dooley Bros, 604 S Adams.....Main 674

Motor Trucks.
Autocar Sales & Service Co The (Overland Co of Peoria), 1601 Main.....Main 180

Pneumatic Tanks and Systems.
Ideal Tank & Supply Co, 307-11 Chestnut.Main 5124

Trucks, Elevating.
Lewis-Shepard Co (Fred Chuse Agt) 203 Lehmann bldg .....Main 4536

Water Supply Systems.
Kinsey & Mahler Co (Leader Iron Wks), 400 S Adams.....Bell-Main 68 Interstate 68

Weather Strips.
Monarch Metal Weather Strip Co The (Thompson & Wood Dist) 113 Machin.Bluffs 2640 Bluffs 1636
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Welders.
Superior Welding Co, 331 Knoxville av.....Main 5707

PEOTONE

Bridge Builders.
Continental Bridge Co, Works Peotone .....Bell-Peotone 10 Interstate 181

Structural Iron and Steel.
Continental Bridge Co, Works Peotone .....Bell-Peotone 10 Interstate 181

PERU

Platers—Sheet, Zinc & Tin Plates.
American Nickeloid Co, 1501, 2d.....Main 374

Weather Strips.
Niagara Metal Weather Strip Co (Stangel & Boeckling), 810 Schuyler.....Main 510-W

Zinc.
Illinois Zinc Co.....Main 15
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PONTIAC

Grain Elevators.
Meadows Mfg Co .....Pontiac 43

Scales, Farm.
Meadows Mfg Co .....Pontiac 43

Washing Machines—Power.
Meadows Mfg Co .....Pontiac 43

PRINCETON

Jewelers Supplies, Sealing Wax.
Princeton Sealing Wax Co.....Princeton 2234

Railroad Supplies—Sealing Wax.
Princeton Sealing Wax Co.....Princeton 2234

Sealing Wax.
Princeton Sealing Wax Co.....Princeton 2234

Stationery—Sealing Wax.
Princeton Sealing Wax Co.....Princeton 2234

Wax—Sealing.
Princeton Sealing Wax Co.....Princeton 2234

QUINCY

Automobile Bodies.
Koenig & Luhrs Wagon Co, 322 S 6th av..Main 404

Belting.
Alexander Bros, Leather Belting (Hollister-Whitney Co) 211 N 2d.....Main 466

Brass Castings, Bronze & Aluminum Castings.
Van Doorn Co The, 2d & Vermont.....Main 3453

Collecting Agencies.
Allen Law Corp, Illinois State Bank bldg.Main 1012-W
Royal Audit Co The, 507½ Hampshire...Main 3493-J

Electric Lighting Fixtures for All Purposes.
Brascolite (Gem City Electric Co Distributors) 710 Main .....Main 545
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Elevator Cabs, Enclosures & Folding Gates.
Van Dorn Co The, 2d & Vermont.....Main 3453

Elevator Gates, Hydraulic, Elec. & Pneumatic Oprs.
Quincy Elevator Gate Co (For Elevator Gates & Doors of any size or weight) 235 N 7th. .....Main 2056-J

Envelopes.
Paper Products & Envelope Co Inc, 3d & Main.....Main 1188-W

Iron Works, Structural & Ornamental.
Michelmann Steel Construction Co, 2d & Hempshire .....Main 556

Leather Belting.
Alexander Bros, Leather Belting (Hollister-Whitney Co) 211 N 2d.....Main 466

Lighting Fixtures for All Purposes.
Brascolite (Gem City Electric Co Distributors) 710 Main .....Main 545
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Lime.
Black White Lime Co The, Ill State Bank bldg .....Main 893-J

Patterns, Wood & Metal.
Quincy Pattern Co, 500½ S 6th av.....Main 421

Smoke Stacks (Steel) and Genl. Sheet & Plate Wks.
Michelmann Steel Construction Co, 2d & Hampshire .....Main 556

Store Fixtures, Show Cases & Office Furniture.
Huck Mfg Co, 1000 Vermont.....Main 4442-W

Tanks (Steel) All Kinds, Riveted & Welded.
Michlemann Steel Construction Co, 2d & Hampshire .....Main 556

Water Supply Systems.
Best E Plumbing & Heating Supply Co (Leader Iron Works), 621-625 Main.....Main 58

ROCK ISLAND

Dies and Tools.
Twin City Die & Tool Works, 4520-22, 6th av .....Rock Island 3243

Electric Lighting Fixtures for All Purposes.
Brascolite (Marron Manufacturing Co, Distributors) Electric bldg .....Rock Island 808
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Lighting Fixtures, Electric, for All Purposes.
Brascolite (Marron Manufacturing Co, Distributors) Electric bldg .....Rock Island 808
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Metal Specialties.
Twin City Die & Tool Works, 4520-22, 6th av .....Rock Island 3243

Punch Press Work.
Twin City Die & Tool Works, 4520-22, 6th av .....Rock Island 3243

ROCKFORD

Adding Machines.
Sunstrand Adding Machine Co, Harrison av and 11th .....Main 2315

Awning Hardware.
Rockford Metal Specialty Co, 720 S Main...Main 1066

Bolts—All Kinds.
Rockford Bolt Co, The, 200 Mill.....Main 147

Bowl Strainers.
Andrews Wire & Iron Co, 1802 Preston....Main 347

Box Boards—Combination.
Rockford Paper Box Board Co, Sayre.....Main 646

Box Boards—Fibre Shipping Case.
Rockford Paper Box Board Co, Sayre.....Main 646

Brass Bolts & Nuts.
Rockford Bolt Co, The, 200 Mill.....Main 147

Castings—Malleable Iron.
Rockford Malleable Iron Works Peoples av.Main 1555

Chisels—Hollow Mortising.
Forest City Bit & Tool Co, 1206 Kishwaukee.Main 300

Dies & Stampings.
Rockford Metal Specialty Co, 720 S Main.Main 1066

Dies & Tools.
B-E-S Tool & Mfg Co, 1 Pine.....Main 5147

Drilling Machines.
Rockford Drilling Machine Co, 210 Catharine.Main 138

Drilling Machines—Gang.
Barnes W F & John Co.....Main 167

Drilling Machines—Upright.
Barnes W F & John Co.....Main 167

Drills—Twist, Carbon & High Speed.
Star Bit & Tool Co, The 1016, 9th.....Main 5802

Flooring Composition.
Flexotile Floor Co.....Main 693

Florists—Wholesale & Retail.
Buckbee H W, 5000 Buckbee.....Main 111

Flue Stoppers.
Andrews Wire & Iron Co, 1802 Preston....Main 347

Galvanizers—Hot & Electro Process.
Rockford Bolt, Co, The, 200 Mill.....Main 147

Galvanizers—Hot Process.
Rogers Bros, Tinker.....Main 1931

Gear Hobbing Machines.
Barber-Colman Co, Cor River and Loomis...Main 559

Gears.
Cotta Transmission Co, 2340, 11th.....Main 3208

Hobs—Gear & Worm Wheel.
Barber-Colman Co, Cor River and Loomis...Main 559

Hollow Chisels.
Star Bit & Tool Co, The, 1016, 9th.....Main 5802

Hosiery Manufacturers.
Burson Knitting Co, S Main and Cedar.....Main 517

Lathes.
Rockford Lathe & Drill Co, 1827, 14th av...Main 492
Rockford Tool Co, Harrison av and 11th...Main 2315

Lathes—9" to 18" Swing.
Barnes W F & John Co.....Main 167

Machine Bits.
Star Bit & Tool Co, The, 1016, 9th.....Main 5802

Milling Cutters.
Barber-Colman Company, cor River and Loomis .....Main 559
Ingersoll Milling Machine Co, The, Douglas and Willoughby .....Main 403

Milling Machines.
Ingersoll Milling Machine Co The, Douglas and Willoughby.....Main 403
Rockford Milling Machine Co, Harrison av and 11th .....Main 2315

Nuts—Hot & Cold Pressed & Semi-Finished.
Rockford Bolt Company The, 200 Mill.....Main 147

Pumps, Power.
Ward Pump Co, 409 S Water.....Main 1352

Pumps, Rotary.
Ward Pump Co, 409 S Water.....Main 1352

Pumps, Spraying.
Ward Pump Co, 409 S Water.....Main 1352

Pumps, Windmill & Hand.
Ward Pump Co, 409 S Water.....Main 1352

Punches & Shears—Ball Bearing.
Whitney Metal Tool Co, 223 Mill.....Main 41

Rivets & Washers—Cut, Malleable & Cast Iron.
Rockford Bolt Company The, 200 Mill.....Main 147

Screws—Coach, Cap, Set, Wood & Wing.
Rockford Bolt Company The, 200 Mill.....Main 147

Seeds—Wholesale & Retail.
Buckbee H W, 5000 Buckbee.....Main 111

Sewing Machines—Manufacturers.
Free Sewing Machine Co, 13th and 18th av.Main 5004

Ship Augers.
Star Bit & Tool Co The, 1016, 9th.....Main 5802

Sink Strainers.
Andrews Wire & Iron Works (Mrs Vrooman), 1802 Preston .....Main 347

Stable Fixtures.
Rockford Steel Fixture Co, 1318 Woodruff av.Main 2102

Stampings & Dies.
Rockford Metal Specialty Co, 720 S Main...Main 1066

Tools & Dies.
B-E-S Tool & Mfg Co, 1 Pine.....Main 5147

Tools—Wood Boring.
Forest City Bit & Tool Co, 1206 Kishwaukee,Main 300
Star Bit & Tool Co The, 1016, 9th.....Main 5802

Transmission Sears.
Cotta Transmission Co, 2340, 11th.....Main 3203

Vacuum Cleaners, Stationary—Manufacturers.
Atwood Vacuum Cleaner Co, S Church.....Main 1224

Washers—Leather.
Excelsior Leather Washer Mfg Co, 323 Cedar.Main 1204
Rockford Leather Washer Co, 100 Forbes..Main 1324

Wire Baskets.
Andrews Wire & Iron Works, 1802 Preston.Main 347

Wire Goods—Homefurnishing.
Andrews Wire & Iron Works, 1802 Preston..Main 347

ST. CHARLES

Link-Belting.
Moline Malleable Iron Co, West St Charles.....St Charles 9

Malleable Iron Castings.
Moline Malleable Iron Co, West St Charles.....St Charles 9

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Springfield Boiler Co, 308-330 E Grand av..Main 36

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Springfield Collection Agency Dept D, Workman bldg .....Main 132

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Lyko Co Inc, 9th and Madison.....Main 12

Miners' Lamps, Springfield Carbide Lamps.
Shanklin Mfg Co, (Guy's Dropper) S 11th & I T S tracks.....Main 17

Pointing Materials for Ma ble, Terra-Cotta, Etc.
Lyko Co Inc, 9th and Madison.....Main 12

Roofing, Flooring, Stucco & Pointing Materials.
Lyko Co Inc, 9th and Madison.....Main 12

Structural Iron & Steel.
Burtle Jerome & Co, Reisch bldg Dept A..Main

Stucco (Plastone) for Exterior Work.
Schuck & Son, 10th and Madison.....Capitol

Stucco, Roofing, Flooring Pointing Materials.
Lyko Co Inc, 9th and Madison.....Main

STERLING

Advertising & Premium Devices.
Reed Evan L Mfg Co, 400 A.....Main 613-R

Bale Ties.
Northwestern Barb Wire Co, Av B & Wallace. Main 390

Barn Door Hangers & Rail.
National Mfg Co, 17 E 2d.....Main 68

Bolt, Wire Clippers, Nut Spreaders.
Carolus Mfg Co, Bell-Main 87
406 Light .....Interstate 100

Builders Hardware.
National Mfg Co, 17 E 2d.....Main 68

Chimney Caps & Revolving Chimney Tops.
Sterling Foundry Co, Bell-Main 35-R
Wallace .....Interstate 183

Fences—Fence Stretcher Mfrs.
Northwestern Barb Wire Co, Av B & Wallace. Main 390

Foundries, Gray Iron.
Sterling Foundry Co, Bell-Main 35-R
Wallace .....Interstate 183

Garage Hardware.
National Mfg Co, 17 E 2d.....Main 68

Hardware Specialties.
National Mfg Co, 17 E 2d.....Main 68

Paper Cutters & Bag Holders.
Reed Evan L Mfg Co, 400 A.....Main 613-R

Polish Mnfrs., Stove.
Black Silk Stove Polish Works ..Bell-Main 370
407 Ave A .....Interstate 80

Racks, Patented—Display for the Trades.
Reed Evan L Mfg Co, 400 A.....Main 613-R

Washing Machines—Manufacturers.
Superior Machine Co, 300 W 1st av.....Main 206-W

Wire Bale Ties.
Northwestern Barb Wire Co, Av B & Wallace. Main 390

Wire Products, Plain, Galvanized, Annealed.
Northwestern Barb Wire Co, Av B & Wallace. Main 390

Wire Straightened & Cut.
Northwestern Barb Wire Co, Av B & Wallace. Main 390

STREATOR

Automobile Parts & Sp'lties.
Gahm & McCormick Co, 802 E Main....Streator 101

Castings—Gray Iron.
Patch S B & Sons Co, 202-210 Iowa av..Streator 30

Rolled Glass.
Western Glass Co The, 610 S Vermillion..Streator 479

Wire Glass.
Western Glass Co The, 610 S Vermillion..Streator 479

SYCAMORE

Electrical Wire & Cables.
Illinois Wire & Cable Co, 327 Edward. Sycamore 69

Wire, Insulated.
Illinois Wire & Cable Co, 327 Edward. Sycamore 69

Wire, Weatherproof, Line & Telephone.
Illinois Wire & Cable Co, 327 Edward. Sycamore 69

WAUKEGAN

Calf Meal.
Blatchford Calf Meal Company.....Waukegan 317

Carburetors, Kerosene.
Linga Co The (In successful use everywhere)
Terminal bldg .....Waukegan 718

Fences, Wire & Iron.
Cyclone Fence Co .....Waukegan 170
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Flooring Composition.
Muller Franklyn R & Co, Madison &
Sand .....Waukegan 481

Manufacturing Sites.
Manufacturers Terminal Co, Terminal
bldgs .....Waukegan 190
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Northern Brass Mfg Co The, Madison
and Sand .....Waukegan 201

Wire Fence, Wire & Iron.
Cyclone Fence Co.....Waukegan 170
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Wire & Iron Work.
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ZION CITY

Printers, Office Supplies.
National Office Supply Company,
Deborah av .....Zion City 40

INDIANA

ALEXANDRIA

Insulation, Cold Storage Rock Cork.
Banner Rock Products Co, Belmont &
L E & W.....Main 56

Mineral Wool Mnfrs.
Banner Rock Products Co, Belmont &
L E & W.....Main 56

ANDERSON

Automobile Accessories for Ford Automob'l's, Mnfrs.
Ideal Manufacturing Co, 1525 Main.....Main 119

Automobile Wheels—Wood & Wire.
Hayes Wheel Co .....Main 66

Boxes, Mnfrs, Corrugated & Fibre.
Mid-West Box Co .....Main 406
See our Catalog Space, page 926

Computing Cheese Cutters, Mnfrs.
Ideal Manufacturing Co, 1525 Main.....Main 119

Corrugated Paper.
Mid-West Box Co,.....Main 406
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Corrugated Shipping Cases.
Mid-West Box Co .....Main 406
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Fibre Shipping Containers.
Mid-West Box Co .....Main 406
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Flags.
Ward-Stilson Co The.....Main 572

Grey Iron Castings.
Lavelle Foundry Co, 626 W 14th.....Main 777

Jigs, Tools & Dies, Special Machines Built to Order.
Anderson Die & Model Co, 2327 Lynn.....Main 3003

Knife Mnfrs., Ensilage, Machine, Planer, Cheese Ctr.
Webb-Baxter Co, 24th & Delaware.....Main 615

Oil Engines.
Anderson Foundry & Machine Works, 215
Jackson .....Main 53

Paper Boxes, Corrugated and Fibre.
Mid-West Box Co .....Main 406
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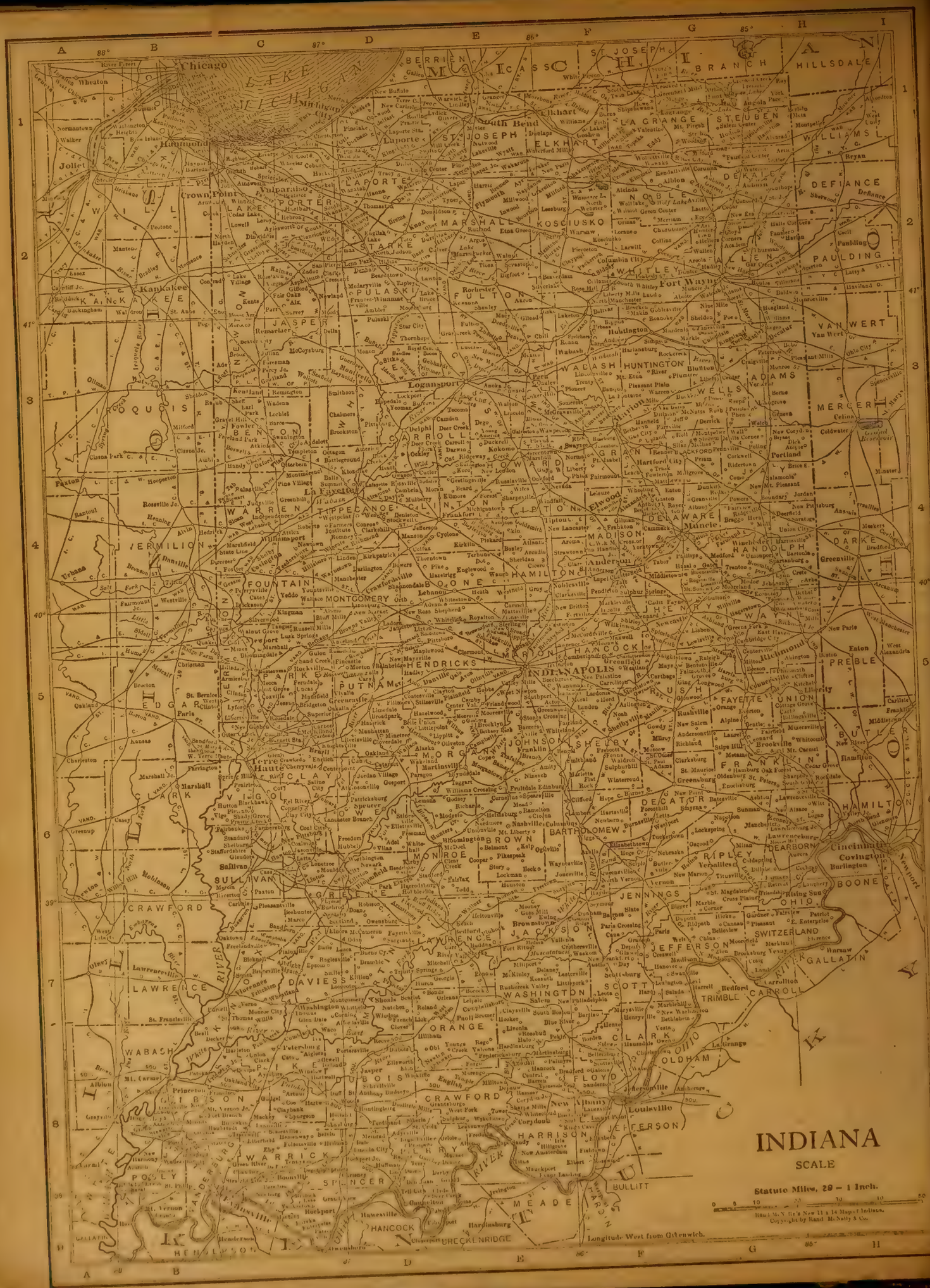
Pattern Makers.
Van Loon Pattern Works (Wood or Metal of every description; Demonstrative Models for testing inventions), 518-520 W 11th.....Main 3312

Playground Apparatus.
American Playground Device Co, 25th &
Belt Ry .....Main 526

Postage Stamp Vending Machines, Mnfrs.
United States Stamp Vending Co, 1525 Main. Main 119

Printers, Publishers, Bookbinders.
Gospel Trumpet Co, E 5th & Walnut.....Main 6

Safety Match Vending Machines, Mnfrs.
Ideal Manufacturing Co, 1525 Main.....Main 119


INDIANA
SCALE
Statute Miles. 29 = 1 Inch.
Longitude West from Greenwich.
Chicago
Indianapolis
Fort Wayne
South Bend
Evansville
Terre Haute
Cincinnati
Louisville

INDIANA

Land area		36,045
Water area		309
Population	(Estimated)	2,826,154
White	(U. S. Census 1910)	2,639,961
Negro		60,320
All others		595
Foreign-born white		159,322
Native white		2,480,639
Male		1,383,295
Female		1,317,581

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

5	Alexandria	F	4
24	Anderson	F	4
3	Angola	T	1
3	Attica	C	4
4	Auburn	H	2
4	Aurora	H	6
2	Batesville	G	6
10	Bedford	E	7
3	Bicknell	C	7
2	Bloomfield	D	6
11	Bloomington	E	6
5	Bluffton	G	3
4	Boonville	C	8
10	Brazil	C	5
2	Bremen	E	2
2	Brookville	G	6
2	Butler	H	2
2	Cambridge City	G	5
2	Cannelton	D	9
6	Clinton	C	5
3	Columbia City	F	2
9	Columbus	E	6
8	Connersville	G	5
2	Corydon	E	8
2	Covington	C	4
11	Crawfordsville	D	4
3	Crown Point	C	2
4	Decatur	H	3
2	Delphi	D	3
3	Dunkirk	G	4
29	East Chicago	C	1
2	Edinburg	E	6
22	Elkhart	F	1
11	Elwood	F	4
76	Evansville	C	9
3	Fairmount	F	4
76	Ft. Wayne	G	2
10	Frankfort	E	4
5	Franklin	E	6
2	French Lick	D	7
4	Garrett	G	2
17	Gary	C	1
[illegible]	Gas City	F	3
9	Goshen	F	1
4	Greencastle	D	5
4	Greenfield	F	5
5	Greensburg	G	6
26	Hammond	B	1
6	Hartford City	G	4
2	Hobart	C	1
2	Howell	B	8
2	Huntingburg	D	8
11	Huntington	F	5
272	Indianapolis	F	5
2	Jasper	D	8
10	Jeffersonville	F	3
5	Kendallville	G	2
2	Knightstown	G	5
2	Knox	D	2
21	Kokomo	E	3
21	LaFayette	C	4
2	Lagrange	G	1
13	Laporte	D	1
4	Lawrenceburg	H	6
5	Lebanon	D	4
2	Ligonier	F	2
6	Linton	C	6
21	Logansport	E	3
2	Loogootee	D	7
7	Madison	G	7
20	Marion	F	3
5	Martinsville	D	6
22	Michigan City	D	1
16	Mishawaka	E	1
3	Mitchell	D	7
2	Monticello	D	3
3	Montpelier	G	3
6	Mt. Vernon	B	9
25	Muncie	G	4
2	Nappanee	E	2
24	New Albany	F	8
13	Newcastle	G	5
5	Noblesville	F	4
2	N. Manchester	F	2
3	N. Vernon	F	7
2	Oakland City	C	8
12	Peru	E	3
2	Petersburg	C	8
4	Plymouth	E	2
5	Portland	H	4
6	Princeton	B	8
2	Redkey	G	4
2	Rensselaer	C	3
25	Richmond	H	5
3	Rochester	E	2
3	Rockport	C	9
2	Rockville	C	5
5	Rushville	G	5
2	Salem	E	7
2	Scottsburg	F	7
6	Seymour	F	7
2	Shelburn	C	6
11	Shelbyville	F	8
2	Sheridan	E	4
69	South Bend	E	1
2	Spencer	D	6
4	Sullivan	C	6
3	Tell City	D	9
66	Terre Haute	C	6
4	Tipton	F	4
3	Union City	H	4
7	Valparaiso	C	2
2	Veedersburg	C	4
18	Vincennes	C	7
9	Wabash	F	3
4	Warsaw	F	2
8	Washington	C	7
7	Whiting	C	1
4	Winchester	G	4
2	Worthington	D	6

AUBURN

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Wood Turners.

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Drilling Machines, Upright.

Aurora Tool Works The, 308 Exporting...Aurora 4

BEDFORD

Cranes, Electric Traveling for All Purposes.

Bedford Foundry & Machine Co, 5th st...Bedford 254

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Bollenbacher Geo W .....Main 905

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BUTLER

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Tanners & Curriers of Pure Oak Tanned Leather.

Mooney W W & Sons Inc (For Harness, Belting, Russet, Strap, and Flexible Sole Leather) West End Fifth.....Columbus 284

CONNERSVILLE

Automobile Mnfrs.

Lexington Motor Co.....Connersville 80

Lamps, Automobile, Truck and Vehicle.

Indiana Lamp Co.....Connersville 91

Leather & Imitation Leather Trimmings.

Carter George R Co The, (Nail Moldings, Welts, Gimps, Robe Rails, Straps), 16th & Kentucky av .....Connersville 543

CRAWFORDSVILLE

Boxes, Wire Bound.

Pioneer Box Co, 999 E Elmore.Crawfordsville D-F-26

Carbon Destroyer, a third More Power (Agts. Wanted).

Clarke J Q Tank Co, 500 N Walnut .....Crawfordsville D-E-29

Detective Agencies.

Lyons Detective Agency, 107 S Green .....Crawfordsville F-C-27

Hog Fountains, Hog Feeders, Grain Bins, Tanks.

Clarke J Q Tank Co, 500 N Walnut .....Crawfordsville D-E-29

DECATUR

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Decatur Foundry, Furnace & Machine Co .....Decatur 555

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Steel Tanks.

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Graver Wm Tank Works, 4801 Tod av. .....East Chicago 204
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Baby Carriages, Reed & Wood.

Sidway Mercantile Co.....Elkhart 437

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Sidway Mercantile Co.....Elkhart 437

Magneto & Ignition Apparatus.

Standard Ignition Co, McDonald st.....Elkhart 163

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Strubler Computing Scale Co, E Sycamore.Elkhart 1363

Sulkies, Children's.

Sidway Mercantile Co.....Elkhart 437

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Sidway Mercantile Co.....Elkhart 437

EVANSVILLE

Attorneys-at-Law.

Buente Henry C (General Practice, Collections & Depositions), Furniture bldg....Evansville 4204

Autographic Registers & Roll Printers.

Egry Register Co The (Lawrence D Aschoff Agt) Intermediate bldg .....Evansville 1269-J

Automobile Oils.

Indian Refining Co (Havoline Oil) Indiana & Governor .....Evansville 3322
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Automobile Truck Attachments.

Graham Brothers Inc, Citizens Bank bldgEvansville 3118

Bridges (Steel-Highway).

International Bridge Co, Edgar & Cleveland av .....Evansville 477

Broom Manufacturers.

Lasting Broom & Mop Co The, 18-20 Vine. .....Evansville 1209

Broom & Mop Mnfrs.

Evansville Broom Co, 430 Fares av.Evansville 561

Casters.

Faultless Caster Co (Casters for all kinds of Furniture), Eichel av & Garvin.....Evansville 265

EVANSVILLE—continued

Chiropractic Physicians.
Wilson C F, D C (Evansville's Pioneer Chiropractor) 408½ Main.....Evansville 4850

Collecting Agencies & Mercantile Adjustments.
Central States Adjustment Co Inc, American Trust bldg .....Evansville 877

Edge Tools & Hammers, Mnfrs.
Evansville Tool Works, 9th av & Maryland .....Evansville 268

Electrical Supplies & Mchy.
Varney Electrical Supply Co The, 204 Upper First .....Evansville 2988

Flour Mills.
Igleheart Bros (Swans Down Cake Flour; Address Dept D), 1st av & Belt R R. Evansville 5600

Furniture Manufacturers.
Globe-Bosse-World Furniture Co, 600 W Maryland .....Evansville 575

Furniture Mnfrs. (Bedr'm)
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Furniture Mnfrs. (Tables).
Bockstege Furniture Co The, 301 W Franklin .....Evansville 732

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International Steel & Iron Co, Edgar & Cleveland av .....Evansville 477

Hotels.
McCurdy Hotel, 1st & Locust.....Evansville 6100
New Vendome, 3d, 2d & Sycamore...Evansville 4600

Ice Picks for Advertising.
Halsey Keisling & Miller, 313 Bray av .....Evansville 2600-W

Junk, Scrap Iron & Barrels (Dealers).
Evansville Barrel & Junk Yards, Walnut & Canal .....Evansville 2859-J

Lawyers.
Buente Henry C (General Practice, Collections & Depositions), Furniture bldg....Evansville 4204

Lumber, Hardwood (Mnfrs. & Jobbers).
Maley & Wertz, E Columbia.....Evansville 437

Mattresses, Mnfrs.
Evansville Felt & Bedding Co, cor 5th av & Franklin .....Evansville 3592

Mill & Factory Supplies.
Evansville Supply Co, 1st & 2d av & OhioEvansville 1089

Mine Supplies.
Evansville Supply Co, 1st & 2d av & OhioEvansville 1089

Overalls & Pants Mnfrs.
Triangle Overall Co, 504-08 Fulton av..Evansville 1456

Overalls, Pants & Shirts, Mnfrs.
Evansville Overall Co, 1601-1605 W Franklin .....Evansville 475

Paper, Wrapping, Mnfrs.
Funke Ferdinand Sons (Rag Wrapping Paper our Specialty) Ohio, 6th av & 7th av. Evansville 688

Plow Manufacturers.
Vulcan Plow Co The (Vulcan Chilled Plows, No 41 Tractor Gauges), 101 Lower First. Evansville 331

Real Estate, General Insurance & Auctioneers.
Cooper Elder & Co (William V Cooper Mgr, Oldest Real Estate Firm in City; Prompt attention to Collections; Care of Real Estate) 219 Upper 3rd.....Evansville 6233-J

Rubber Stamps, Seals & Stencils.
Lawson Chas M, 102½ Main.....Evansville 5996

Scrap Iron, Metals, Rags, All Kinds of Junk.
West Side Junk Co, 1221 W Franklin. Evansville 5676

Skylights (Galvanized Iron)
International Steel & Iron Co, Edgar & Cleveland av .....Evansville 477

Store Fronts (Complete).
Mesker Geo L & Co, 1st & Ingle....Evansville 145

Store Fronts, Mnfrs.
International Store Front Co, Edgar & Cleveland av .....Evansville 477

Structural Iron & Steel for Buildings.
International Steel & Iron Co, Edgar & Cleveland av .....Evansville 477

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Evansville Veneer Co The (Sawed, Sliced Rotary) Kentucky av & Division.....Evansville 876

Weather Strips.
Monarch Metal Weather Strip Co (Jacob Bippus & Son Distributors) 411 Sycamore..Evansville 1314
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FORT WAYNE

Asphalt.
Barber Asphalt Paving Co The (Trinidad and Bermudez), Lau blk.....Fort Wayne 4232

Automobile Trimmings & Vehicle Trimmings.
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Belting.
Alexander Bros, Leather Belting (National Mill Supply Co), 209 E Columbia ..... Bell-Main 496 Home 2332

Dumb Waiters.
Schlatter C C & Co (Sedgwick Machine Wks, Inc), 202-4 E Columbia.....Home 86
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Electric, Automobile & Telephone Supplies.
Protective Electrical Supply Co The, 132 W Columbia .....Home 1813

Electric Lighting Fixtures for All Purposes.
Brascolite (The Protective Electrical Supply Co, Distributors), 132 W Columbia.....Home 1813
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Leather Belting.
Alexander Bros Leather Belting (National Mill Supply Co), 209 E Columbia.....Bell-Main 496 Home 2532

Paper Boxes.
Fort Wayne Box Co .....Bell-Main 325 Home 287

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Fisher Bros Paper Co, 118-22 W Columbia .....Home 33

Steel & Iron.
Fort Wayne Rolling Mill Corporation .....Bell-Main 871 Home 2110
Mossman-Yarnelle & Co, Pearl & Maiden Lane .....Home 115

Valves, Pop Safety.
Kunkle Valve Co, 817 Barr.....Home 423

Veneers & Hardwood Lbr.
Hoffman Brothers Co, 804 W Main.....Home 61

Washing Machines, Electric, Engine, Water, Hand.
Horton Mfg Co, 10 Fry .....Home 273

Water Supply Systems.
National Mill Supply Co The, (Leader Iron Works) 209-11 Columbia... Bell-Main 496 Home 2332

Weather Strips.
Monarch Metal Weather Strip Co The (Fort Wayne S & S Co Distributors) 2804 Holton av. Home 7095
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FRANKFORT

Automobile Wheels, Wire & Steel.
Stewart Wire Wheel Corporation The, West Barner .....Main 588

GREENCASTLE

Kitchen Cabinets, Mnfrs., Wholesale.
Greencastle Cabinet Co, Liberty & College .....Greencastle 317

HAMMOND

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McIlroy Belting & Hose Co The.....Hammond 494

Belting, Stitched Canvas—Mfrs.
McIlroy Belting & Hose Co The.....Hammond 494

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Foundries.
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Malleable Iron.
Hammond Malleable Iron Co.....Hammond 3220

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Enterprise Bed Co.....Hammond 84

HARTFORD CITY

Automobile Lenses, Convex Prismo Dimmers, Mnfrs.
Johnston Glass Co The, W Washington .....Hartford City 3

Paper Mnfrs., Embossed, Glassine & Onion Skin.
Hartford City Paper Co, 100 Spring. Hartford City 3

Paper Mnfrs., Grease Proof & Glassine.
Hartford City Paper Co, 100 Spring.Hartford City 36

Paper Mnfrs., Manifold & Onion Skin.
Hartford City Paper Co, 100 Spring.Hartford City 36

HUNTINGTON

Castings, Steel.
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Coal Chutes.
Majestic Co The,.....Huntington 936

Furnaces, Warm Air Mnfrs.
Majestic Co The,.....Huntington 936

Rubber Mnfrs., Mechanical Rubber Goods.
Schacht Rubber Mfg Co.....Huntington 1071

INDIANAPOLIS

Accountants.
Baker Vawter & Wolf, State Life bldg.....Main 3072

Adding Machines.
Monroe Calculating Machine Co, Hume Mansure bldg.....Main 6207
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Addressing Machines.
Addressograph Co (R W Cassell, Dist Mgr) Lemcke bldg .....Main 1696
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Advertising, Classified Telephone Directory.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Lemcke bldg.....Main 4681

Advertising Novelties & Signs.
Smith Hecht Co, Century bldg Bell-Main 5038
.....Automatic 23-566

Asphalt.
Barber Asphalt Paving Co The, (Trinidad and Bermudez), Holliday bldg.....Main 5486

Auditors.
Baker Vawter & Wolf, State Life bldg.....Main 3072

Autographic Registers and Roll Printed Stationery.
Hamilton Autographic Register Co, (W J Kroegher, Dist Mngr), 4820 E Washington....Irvington 3067

Autographic Registers and Roll Printers.
Egry Register Co The (W L Egry Sales Agt) Bell-Main 1376
19 Pembroke Arcade.....Automatic 21-705
Globe Register Co The, (E E Droom) Newton Claypool bldg.....Main 5259

Automobile Accessories.
Varney Electrical Supply Co The, 121-23 S Meridian .....Main 3420

Automobile Accessories, Wholesale.
Hoyt S H Co, 222 E Ohio.....Main 6095

Automobile Leather Parts.
Taylor Belting Co, 247 South Bell-Main 412
Meridian .....Automatic 21-412

Automobile Oils.
Indian Refining Co, (Havoline Oil) Bell-Irvington 506
3516 East New York.....Automatic 61-417
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Automobile Parts, All Make Machs., New & Used Tires.
Hoosier Auto Parts Co, 142 W Vermont....Main 4052

Automobile Parts, New & Second Hand.
Indiana Auto Parts Co, 446 S Meridian...Main 5013

Automobile Parts & Popular Make Tires.
Indianapolis Auto Parts Co (At less than regular Prices), 720-722 S Bell-Prospect 6677
Meridian .....Automatic 22-019

Automobile Radiators Bldg. & Repairing All Makes.
Pope Radiator Co, 805 E Washington..Prospect 436

Automobiles, Mnfrs.
Premier Motor Corporation, 20th & Olney.Woodruff 500

Bags, Burlap, Second Hand.
Katz Max, 1118 S Capitol Bell-Prospect 5180
av. .....Automatic 51-730

Ball Bearings.
Standard Roller Bearing Co, Hume Mansur bldg .....Main 4045

Barber Supplies & Cutleries
Schaaf Barber Supply Co, 112 W Maryland..Main 4033

Bathroom Shelves.
Marietta Manufacturing Co The, ("Vitro-Marble"), 16th & Sherman Drive....Woodruff 272

Bearings—Bronze Back.
Modern Die & Tool Co, 202-204 S Bell-Main 3755
Penna .....Automatic 21-907

Bearings, Bronze Backed Babbitt Lined.
American Die Casting Co, (See What Curtiss Aeroplane Co Says), Gardner Lane Bell-Main 2824
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Bearings—Die Cast.
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Modern Die & Tool Co, 202-204 S Bell-Main 3755
Penna .....Automatic 21-907

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Hide Leather & Belting Co, 231 S Bell-Main 2094
Meridian .....Automatic 27-365

Belting—Leather—Rubber—Balata & Canvas.
Taylor Belting Co, 247 South Bell-Main 412
Meridian .....Automatic 21-412

Blowers & Exhaust Fans, Mnfrs.
Ilg Electric Ventilating Co, Bd of Trade bldg .....Main 1077

Boiler Makers.
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Big Four R R.....Automatic 39-316

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National Surety Co, (Julius P McGrayel, Mgr), Fletcher Savings & Trust bldg.....Main 1539

Bonds, Surety.
National Surety Co, (Julius P McGrayel, Mgr), Fletcher Savings & Trust bldg.....Main 1539

Bottle Mnfrs. & Dealers.
Fairmount Glass Works, South Bell-Prospect 63
Keystone av & Nebraska.....Automatic 51-429

Bricks, Paving.
Indiana Paving Brick Publicity Bureau, Fidelity Trust bldg.....Main 3410

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Langsenkamp F H, 132 East Bell-Main 121
Georgia .....Automatic 21-221

Builders' Equipment, Mill Supplies.
Hoover Equipment Co, 239 East Ohio.....Main 2417

Burglary Insurance.
National Surety Co, (Julius P McGrayel, Mgr), Fletcher Savings & Trust bldg.....Main 1539

Calculating Machines.
Monroe Calculating Machine Co, Hume-Mansure bldg.....Main 6207
See our Catalog Space, page 905.

Cans.
American Can Co, Merchants Nat'l Bank bldg. .....Main 3164

Castings, Grey Iron.
Enterprise Iron Works, 1153 Bell-Woodruff 177
E 24th.....Automatic 41-331

Cement, for Cementing Glass or Marble.
Marietta Manufacturing Co The, ("Vitro Marble") 16th & Sherman Drive...Woodruff 272

Chain Link Wire Fencing.
Enterprise Iron Works, 1153 Bell-Woodruff 177
E 24th.....Automatic 41-331

Chemists—Manufacturing.
Oldham Specialty Co, Pembroke Arcade.....Main 5375

Clay Working Machinery.
Potts C & A Co, 816-828 W Wash- Bell-Main 2749
ington av Automatic-21-746

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Merchants bldg.....Main 2184

Clutch Facings.
Hide Leather & Belting Co, 231 S Bell-Main 2094
Meridian .....Automatic 27-365

Commercial Photographers.
Holland Studio, 17 West Bell-Main 2989
Market .....Automatic 23980

Concrete Mixers.
Koehring Machine Company (H W Taylor Dist Mngr), Fletcher Savings & Trust bldg .....Main 1812

Contractors—General.
Bedford Stone & Construction Co, Bell-Main 1435
Fletcher Trust bldg.....Automatic 25-436

Copper Kettles & Coils.
Lansenkamp F H, 132 East Bell-Main 121
Georgia .....Automatic 21-221

Counter Protectors, Plate Glass for Restaurants, Etc.
Marietta Manufacturing Co The, 16th & Sherman Drive.....Woodruff 272

Counters for Restaurants, Cafeterias & Soda Fntns.
Marietta Manufacturing Co The, 16th & Sherman Drive.....Woodruff 272

INDIANAPOLIS—cont'd

Coupon Books, Mnfrs. of Every Description.
Allison Coupon Co, 536 East Market.....Main 1299

Davenport—Beds.
Madden John J Mfg Co, 16th and Sherman dr.....Bell-Woodruff 270 Automatic 61243

Dental Supply Mnfrs.
Fox A P Specialty Co, 222 E Ohio.....Bell-Main 2259 Automatic 23412

Detective Agencies.
Webster H C Detective Agency The, Hume-Mansure bldg.....Bell-Main 2615 Automatic 27-615

Die Cast Bearings.
American Die Casting Co, Gardner Lane & White River.....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921.

Die Cast Bearings—Plain.
American Die Casting Co, Gardner Lane & White River.....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921.

Die Castings.
American Die Casting Co, Gardner Lane & White River.....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921.

Directory Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Lemcke bldg.....Main 4681

Dumb Waiters.
Vonnegut Hardware Co (Sedgwick Machine Wks, Inc) 120-24 E Washington.....Main 4192
See our Catalog Space, page 943

Elevator Cabs & Enclosures.
Central Wire & Iron Works, 140 E Georgia.....Bell-Main 5069 Automatic 26-576

Elevators—Freight & Passenger.
Home Elevator Co The, 212-14 South Pennsylvania.....Bell-Main 5408 Automatic 26-503

Engineers—Civil.
Jeup & Moore, Indiana Trust bldg.....Bell-Main 765 Automatic 23-677

Engineers (Consulting, Mechanical & Electrical).
Bissell B W, (Power, Fuel Economy, Production Reports), Board of Trade bldg....Main 2957

Engines, Steam.
Chandler & Taylor Co Addison & Big Four R R.....Bell-Belmont 320 Automatic 39-316

Etched Name Plates.
Mayer Geo J Co 36 S. Meridian.....Bell-Main 1386 Automatic 23-286

Excelsior & Wood Wool.
Johnson Excelsior & Manufacturing Co Keystone av & Belt Ry.....Bell-Prospect 6400 Long Distance-Prospect 2649

Experimental Work, Tools & Gauges.
Allison Experimental Co, Main at Speedway.....Bell-Belmont 3600 Automatic 39-180

Face Creams Mnfrs. Wholesale.
LaFord Chemical Co Inc, 10 W Ohio.....Main 1683

Face Powder Mnfrs, Wholesale.
LaFord Chemical Co Inc, 10 W Ohio.....Main 1683

Factory Equipment.
Vonnegut Machinery Co, 43-45 S Meridian.....Bell-Main 257 Automatic 25-312

Fan Belts.
Hide Leather & Belting Co, 231 S Meridian.....Bell-Main 2094 Automatic 27-365

Fans, Blowers & Exhausters Mfrs.
Ilg Electric Ventilating Co, Bd of Trade bldg.....Main 1077

Fences, Builders, Iron.
Enterprise Iron Works 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Fences, Builders, Wire.
Enterprise Iron Works 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Fences, Iron & Wire.
Enterprise Iron Works 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Fences, Iron & Wire, Also Chain Link Netting.
Enterprise Iron Works 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Fibre Containers.
American Can Co, Merchants Natl Bank bldg.....Main 3164

Films (Manufacturers).
Coburn Photo & Film Co, 333 East Market.....Bell-Main 3044 Automatic 22-144

Films, Advertising & Commercial.
Coburn Photo & Film Co, 333 East Market.....Bell-Main 3044 Automatic 22-144

Films—Commercial, Advertising, Manufacturing.
Coburn Photo & Film Co, 333 East Market.....Bell-Main 3044 Automatic 22-144

Films—Educational & Industrial.
Coburn Photo & Film Co, 333 East Market.....Bell-Main 3044 Automatic 22-144

Fire Extinguishers.
Fyr-Fyter Co The (A C Jones Mgr) 309 Penn.....Bell-Main 4084 Automatic 25-284

Fireproof Doors & Windows.
Baker Hugh J & Co, Majestic bldg.....Bell-Main 1728 Automatic 25-913

Foundries.
Chandler & Taylor Co, Addison & Big Four R R.....Bell-Belmont 320 Automatic 39-316

Foundries, Gray Iron.
Enterprise Iron Works 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Foundries, Gray Iron & Semi-Steel.
Indianapolis Castings Co The, 181 S Harding.....Belmont 856

Furnace & Stove Mnfrs.
Home Stove Co, Kentucky av & Henry.....Bell-Main 1273 Automatic 26273

Furniture Manufacturers.
Lauter H Co The, W Washington and Harding.....Bell-Belmont 1693 Automatic 39-163

Gasoline Savers—Sub-Carburetors.
Hoosier Sub-Carburetor Co, 309 N Illinois..Main 6211

Glass, White Glass In Sheets & Slabs.
Marietta Manufacturing Co The, 16th & Sherman Drive.....Woodruff 272

Governors.
Sinker-Davis Co The, 230-250 South Missouri.....Bell-Main 415 Automatic 23-415

Grinding Machines.
Ott Grinder Co, Industrial bldg.....Main 1716

Hardware.
Vonnegut Hardware Co, 120 E Washington.....Bell-Main 4192 Automatic 3442-11

Hotel, Restaurant & Cafeteria Equipment.
Marietta Manufacturing Co The, ("Vitro-Marble"), 16th & Sherman Drive....Woodruff 272

Inks, Marking & Stencil.
Garvey's Inks & Brushes (J H Winn), 2822 Paris av.....North 6349

Insurance Companies, Life.
Indiana Nat'l Life Insurance Co, 316 N Meridian.....Bell-Main 2588 Automatic 23513

Iron Fence Builders.
Enterprise Iron Works, 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Iron Fences.
Enterprise Iron Works, 1153 E 24th.....Bell-Woodruff 177 Automatic 41-331

Lathes—Heavy Duty Turret.
International Machine Tool Co, West 21st & Belt Railway.....Bell-North 2486 Automatic 23-486

Lathes, Turret.
Millholland W K Machine Co, 10th & Canal.....Bell-Main 4072 Automatic 28-246

Leather Belting.
Alexander Bros, Leather Belting (Indianapolis Belting & Supp. Co) 34 S Capitol av....Main 3226
Hide Leather & Belting Co, 231 S Meridian.....Bell-Main 2094 Automatic 27-365
Taylor Belting Co, 247 South Meridian.....Bell-Main 412 Automatic 21-412
Vonnegut Machinery Co, 43-45 S. Meridian.....Bell-Main 257 Automatic 25-312

Lockers, Steel.
Medart Fred Mfg Co (Charles E Wehr, Rep), Hume-Mansur bldg.....Main 544

Lumber, Wholesale.
Eichholtz G W & Son, Lemcke bldg..Bell-Main 3295
Market and Penn.....Automatic 22-473

Machine Tools.
Vonnegut Machinery Co, 43-45 S. Meridian.....Bell-Main 257 Automatic 25-312

Machined Bronze Backed Babbitt Lined Bearings.
American Die Casting Co, Gardner Lane & White River.....Bell-Main 2824 Automatic 25-238
See our Catalog Space, page 921

Machinery Carpet Cleaning.
Chief Manufacturing Co, 804 Beecher....Prospect 69

Machinery, "Used".
Vonnegut Machinery Co, 43-45 S Meridian.....Bell-Main 257 Automatic 25-312

Machinists.
Chandler & Taylor Co, Addison & Big Four R R.....Bell-Belmont 320 Automatic 39-316

Manufacturers Agents.
Super-Service Sales Co, 122 E Ohio.....Main 5556

Maps.
National Map Company, 32 E Georgia.....Main 6823

Match Plates.
Federal Pattern Wks, 431 Madison av.....Main 815

Mattresses—Pillows—Box Springs—Mnfrs.
Hirschman J C Co The, 1201 East Maryland ..... Bell-Prospect 946 Automatic 25-146

Mattresses & Pillow Mnfrs.
Acme Bedding Co, 1511 Bates ..... Bell-Prospect 3965 Automatic 51-448

Mill Supplies.
Hide Leather & Belting Co, 231 S Meridian ..... Bell-Main 2094 Automatic 27-365

Mill & Engineers Supplies.
Taylor Belting Co, 247 South Meridian ..... Bell-Main 412 Automatic 21-412

Motion Picture Film & Slide Advertising.
Ideal Curtain Co The, 224 North Meridian..... ...Bell-Main 934 Automatic 25-867

Motion Picture Machines & Supplies.
Exhibitors Supply Co Inc, 167 N Illinois..Main 5961

Motor Repairing & Armature Winding.
Meier Electric & Machine Co, 136 South Meridian..... Bell-Main 2363 Automatic 26-499

Motor Trucks.
Autocar Sales & Service Co The (Brown-Rowan-Buck Auto Sales Co The), 313-15 North Pennsylvania av .....Main 308

Music Publishers, Wholesale & Retail.
Seidel Music Publishing Co Inc, 230 E Ohio .....Main 3962

Name Plates Etched, Stamped & Embossed.
Mayer Geo J Co, 36 South Meridian..... Bell-Main 1386 Automatic 23-286

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (Hide Leather & Belting Co) (For Oils, Alkalies & Benzol Products), 227 S Meridian..... Bell-Main 2094 Automatic 27-365

Paints (Manufacturers).
Burdsal A Co The Capitol av & Georgia..... Bell-Main 2391 Automatic 27-331
Indianapolis Paint & Color Co, 120-124 S Illinois ..... Bell-Main 1770 Automatic 24-396

Paints, Glass & Oils, Wholesale.
Baldwin Paint & Supply Co The 246-248 Massachusetts av..... Bell-Main 6654 Automatic 28-521

Paper Boxes—Folding.
Bee-Hive Paper Box Co, 617-25 S Delaware ..... Bell-Prospect 1691 Automatic 21-691

Paper Dealers.
Whitaker Paper Co The, Board of Trade bldg .....Main 7289

Paper Dealers, Paper All Kinds.
Indiana Paper Co, 27-29 E Maryland ..... Bell-Main 281 Automatic 27351

Paper Towels.
Indiana Paper Co, 27-29 E Maryland ..... Bell-Main 281 Automatic 27351

Patent Attorneys.
Bradford & Doolittle, Fletcher Trust bldg ..... Bell-Main 1620 Automatic 21-620
Minturn & Woerner, K of P bldg.....Main 1950

Pattern Makers.
Federal Pattern Wks, 431 Madison av.....Main 815
Industrial Pattern Wks, 10th & Canal.....Main 5521

Patterns, (Automobiles & Aeroplanes).
Acme Pattern Works, 214 S Pennsylvania...Main 5408

Patterns (Match Plates).
Federal Pattern Wks, 431 Madison av.....Main 815

Patterns (Wood & Metal).
Federal Pattern Wks, 431 Madison av.....Main 815
Industrial Pattern Wks, 10th & Canal.....Main 5521

Patterns, Wood & Metal Experts.
Sonith Pattern Works, 241 Vir av.....Main 4182

Photographers—Commercial.
Coburn Photo & Film Co, 338 East Market ..... Bell-Main 3044 Automatic 22-144

Power Plant Equipment New & Second Hand.
Ross Power Equipment Co, Merchants Bank bldg .....Main 6417

Press Clippings.
Central Press Clipping Service, Indiana Pythian bldg.....Main 6457

Printing, Binding, Engraving.
Bookwalter-Ball Printing Co, 38 S Pennsylvania ..... Bell-Main 4305 Automatic 24-595

Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories) Lemcke bldg .....Main 4681

Reinforced Concrete & Structural Design.
Baker Hugh J & Co, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

Roller Bearings, Taper.
Standard Roller Bearing Co, Hume-Mansur bldg .....Main 4045

Rubber Goods—Hose—Belting & Packing.
Taylor Belting Co, 247 South Meridian ..... Bell-Main 412 Automatic 21-412

Rubber Stamps, Wholesale & Retail.
Mayer Geo J & Co, 36 S Meridian..... Bell-Main 1386 Automatic 23-286

Safes.
Baum J Safe & Lock Co The (H H Albright), 3738 Ruckle.....Washington 3088

Saw Mills.
Sinker-Davis Co The, 230-250 South Missouri ..... Bell-Main 415 Automatic 23-415

Sawing Machinery.
Sinker-Davis Co The, 230-250 South Missouri ..... Bell-Main 415 Automatic 23-415

Scale Plates.
Marietta Manufacturing Co The ("Vitro-Marble") 16th & Sherman Drive.....Woodruff 272

Scrap Iron & Metals.
Borinstein A, 209 S East .....Bell-Prospect 566 Automatic 26-586
Cohen's Alex Sons, 709-711 W Washington ..... Bell-Main 2254 Automatic 23-242
Falender Samuel & Co, 615-699 S Capitol av ..... Bell-Prospect 130 Automatic 26-678
Kaufman & Robbins, 20-32 E McCarthy ..... Bell-Prospect 244 Automatic 23-789
Levi Himen, 525 S Illinois .....Main 1468

Scrap Iron, Rags, Rubber & Metals, Wholesale & Retail.
Solotken Jacob, 402-410 W North ..... Bell-Main 3239 Automatic 24-478

Screw Machines.
Millholland W K Machine Co, 10th & Canal ..... Bell-Main 4072 Automatic 28-246

Seals, All Kinds.
Mayer Geo J & Co, 36 S Meridian..... Bell-Main 1386 Automatic 23-286

Steam Boilers, Repairing a Specialty.
Sinker-Davis Co The, 230-250 South Missouri ..... Bell-Main 415 Automatic 23-415

Steam Traps.
Corliss Valve Steam Trap (Chas E Wehr), Hume-Mansur bldg .....Main 5441

Steel Balls.
Standard Roller Bearing Co, Hume-Mansur bldg .....Main 4045

Steel Castings, Electric.
Electric Steel Co of Indiana, Main & Speedway .....Belmont 400

Steel Reinforcing Bars & Metal Building Products.
Baker Hugh J & Co, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

Steel Sash.
Baker Hugh J & Co, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

Stencil Cutting Machines.
Bradley Stencil Machine Co (S J Winn Rep) 2822 Paris av .....North 6349

Stencil & Marking Inks.
Garvey's Inks & Brushes, J H Winn, 2822 Paris av.....

Stencils, All Kinds.
Mayer Geo & Co, 23 S Meridian ..... Bell-Main 1386 Automatic 23-286

Stenotypes.
Stenotype Co The.....Belmont 2070

Stools for Restaurants, Cafeterias & Soda Fountains.
Marietta Manufacturing Co The, 16th & Sherman Drive.....Woodruff 272

Surety Bonds.
National Surety Co (Julius P McGrayel Mgr) Fletcher Savings & Trust bldg.....Main 1539

Surgical Instruments & Trusses.
Armstrong Wm H Co, 34-36 W Ohio ..... Bell-Main 3797 Automatic 26228

Table Tops.
Marietta Manufacturing Co The ("Vitro-Marble") 16th & Sherman Drive.....Woodruff 272

Tables for Restaurants & Ice Cream Parlors.
Marietta Manufacturing Co The ("Vitro-Marble") 16th & Sherman Drive.....Woodruff 272

INDIANAPOLIS—cont'd

Tents & Awnings.
Advance Tent & Awning Co, 313 Adelaide ..... Bell-Main 3082 Automatic 22-293
Indianapolis Tent & Awning Co, 447-449 E Washington ..... Bell-Main 1122 Automatic 21-122

Toilet Articles—Perfumes—Cosmetics & Flavors.
Oldham Specialty Co, Pembroke Arcade.. Main 5375

Tools—Dies, Gauges, Special Machinery.
Indiana Tool & Machinery Co Inc, 212 E Maryland ..... Main 5983
Moore Otto N Co ..... Bell-Irvington 811 Automatic 61-293

Tools and Factory Supplies.
Vonnegut Hardware Co, 120 E Washington ..... Bell-Main 4192 Automatic 3442-11

Trucks, Elevating.
Lewis-Shepard Co (Samuel Toole Agt) 336 Burgess av ..... Irvington 336

Trucks—Warehouse & Factory.
Tucker & Dorsey Mfg Co, 310 S State av. Prospect 485

Turret Lathes.
Millholland W K Machine Co, 10th & Canal ..... Bell-Main 4072 Automatic 28-246

Turret Lathes—Heavy Duty.
International Machine Tool Co, W 21st & Belt Ry ..... Bell-North 2486 Automatic 23-486

Typewriters—Portable.
Corona Typewriter Company Inc, 32 Monument pl ..... Main 2890

Upholstering & Automobile Trimming Supplies.
Paetz Geo L & Sons, 317 S Alabama ..... Bell-Main 5462 Automatic 23-577

Valves, Packingless for Every Purpose.
M T R Mfg Co The, 1118 W Washington. Belmont 3910

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, Board of Trade bldg ..... Main 1077

Washing Machines Mnfrs.
Maytag Company The, 315 W Maryland..... Main 1743

Waterproofing & Concrete Hardeners.
Baker Hugh J & Company, Majestic bldg ..... Bell-Main 1728 Automatic 25-913

Weather Strips.
Diamond Metal Weather Strip Co The (Spray Hiatt), 291 N New Jersey..... North 3596

Wire Fence, Chain Link Netting & Iron Railings.
Enterprise Iron Works, 1153 E 24th..... Bell-Woodruff 177 Automatic 41-331

Wire Wheels.
Standard Roller Bearing Co, Hume-Mansur bldg ..... Main 4045

Wire Work & Ornamental Iron Work.
Central Wire & Iron Work, 140 E Georgia ..... Bell-Main 5069 Automatic 26-576

Wood Finishing Materials.
Advance Paint Co, cor Norwood & California ..... Prospect 1231 Automatic 22-165

Woodworking Machinery.
Sinker-Davis Co The, 230-250 South Missouri ..... Bell-Main 415 Automatic 23-415
Vonnegut Machinery Co, 43-45 S Meridian..... Bell-Main 257 Automatic 25-312

KENDALLVILLE

Display Cases.
Specialty Display Case Co..... Kendallville 667

Refrigerators for All Purposes.
McGray Refrigerator Co..... Kendallville 60

Show Cases.
Specialty Display Case Co..... Kendallville 667

KNIGHTSTOWN

Funeral Cars, Sedan Bodies for Funeral Directors.
Knightstown Buggy Co The, S Jefferson ..... Knightstown 149

KOKOMO

Architects, Arch-Engineers, Coml. Blue Printing.
Barrett Chas W, Spraker blk..... Kokomo 1238

Boxes, Manufacturers, Corrugated and Fibre.
Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926.

Corrugated Paper.
Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926.

Corrugated Shipping Cases.
Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926.

Fibre Shipping Containers.
Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926.

Mats, Flexible, Woven Wire.
Worth Wire Works, 1509 N Washington.. Kokomo 1525

Paper Boxes Corrugated and Fibre.
Mid-West Box Co ..... Kokomo 398
See our Catalog Space, page 926.

LAFAYETTE

Automobile Tire Carriers for Ford, Saxon, Chevrolet Car.
Bucrum Manufacturing Co, cor 3d & North ..... Lafayette 409

Automobile Tires, Tubes & Accessories Mnfrs.
Lion Tire & Rubber Corporation The, E Union, Box 262..... Bell-Lafayette 185 Lafayette 437

Bakers' Racks, Trucks, Baskets, Proof Boxes, Mnfrs.
Peerless Wire Goods Co, 1416-30 Elizabeth ..... Bell-Lafayette 196 Lafayette 1965

Baskets, Metal, Delivery & Tool Boxes, Mnfrs.
Sanitary Metal Basket Co, cor 3d & North ..... Lafayette 409

Feed Sampler.
Horat J, 417-428 Ferry ..... Bell-Lafayette 228 Lafayette 3228

Fertilizer Sampler.
Horat J, 417-423 Ferry ..... Bell-Lafayette 228 Lafayette 3228

Gear Tripple Assembly & Spur Gear Cutting.
Ross Machine Co, 1081 N 7th ..... Bell-Lafayette 51 Lafayette 1710

Glycerine Sampler.
Horat J, 417-423 Ferry ..... Bell-Lafayette 228 Lafayette 3228

Hotels, European.
Lahr Hotel Co cor Main & 5th ..... Bell-Lafayette 63 Lafayette 488

Hotels, Fire Proof, First Class.
Fowler Hotel, 4th & Ferry..... Lafayette 12

Machinery Guards, Office Railings & Wire Goods Mnfrs.
Peerless Wire Goods Co, 1416-30 Elizabeth ..... Bell-Lafayette 196 Lafayette 1965

Polish Manufacturers, Auto, Metal, Furniture & Glass.
Hoosier Maid Factory The, On Hoosier Maid Lane ..... Lafayette 204

Rubber Stamps, Stencils, Badges & Seals.
Mulhaupt F Jos, 301 N 5th..... Lafayette 449

Safes, Fireproof & Vault Door Mnfrs.
Schwab Safe Co The ..... Bell-Lafayette 655 Lafayette 972

Screw Machine Products.
Horat J, 417-423 Ferry ..... Bell-Lafayette 228 Lafayette 3228

Soft Metal Hammer Mold.
Horat J, 417-423 Ferry ..... Bell-Lafayette 228 Lafayette 3228

Wire Baskets of Every Description.
Peerless Wire Goods Co, 1416-30 Elizabeth ..... Bell-Lafayette 196 Lafayette 1965

LA PORTE

Baby Cabs—Folding.
Outing Kumfy-kab Co ..... LaPorte 39

Baby Carriages.
Outing Kumfy-kab Co ..... LaPorte 39

Go Carts.
Outing Kumfy-kab Co ..... LaPorte 39

Meat Slicing Machines.
U S Slicing Machine Co..... LaPorte 438

Sulkies, Children's.
Outing Kumfy-kab Co ..... LaPorte 39

Toys, Mnfrs.
Outing Kumfy-kab Co..... LaPorte 39

LAWRENCEBURG

Chair Manufacturers.
Johnston & Klare Mfg Co The, 220 W High ..... Lawrenceburg 78-X

MADISON

Belting, Endless, Flat, Automobile.
Brophy Belting & Supply Co (For Maxwell, Ford Hudson, Mitchell and Others).....Madison 223

MARION

Automobile Motors.
Rutenber Motor Co, E 8th.....Marion 88

Bottle Mnfrs, All Kinds.
Standard Glass Co, N Marion Belt.....Marion 2195

Bottle Mnfrs, Druggists' Prescription & Packers.
Standard Glass Co, N Marion Belt.....Marion 2195

Castings Mnfrs, Strong Soft Gray Iron Castings.
Marion Gray Iron Foundry Co.....Marion 2001

MICHIGAN CITY

Paper Boxes, Set Up.
Michigan City Paper Box Co, 314 E 5th .....Michigan City 651

Punch Board Mfrs.
Michigan City Paper Box Co, 314 E 5th .....Michigan City 651

MUNCIE

Aluminum Castings.
Machinists Foundry Co, 10th & Macedonia av.Main 687

Belting, Leather.
Detroit Oak Belting Co (Geo Keiser & Co), 516 S Walnut.....Main 46

Bronze Castings & Brass Castings.
Machinists Foundry Co, 10th & Macedonia av.Main 687

Cap Screw Mnfrs.
Muncie Cap & Set Screw Co, Williard & Hoyt av.....Main 1040

Lighting Fixtures.
Retherford Bros Co, 1 Broadway.....Main 484

Machinists & Contractors, Bldrs. of Dies & Tools.
Moon Machine Co, Hackley & Penn R R.....Main 326

Oil Burners, Heaters & Range Mnfrs.
Johnson Oil Burner Manufacturers, Columbia bldg .....Main 4018

Zinc Sheets.
Ball Bros Mfg Co, 9th & Macedonia av..Main 2206

NEW ALBANY

Junk.
Acme Metal & Rubber Co, 215-219 E 4th..Home 1201

Parquet Floors.
Wood Mosaic Co Bell-New Albany 46
.....Independent 385

Scrap Iron, Metal, Rags & Paper Stock.
Indiana Rubber & Metal Co, 307 E Main .....Independent 2223

NOBLESVILLE

Clutches.
Never Slip Clutch Co, 13-15 N 6th...Noblesville 218

Scrap Iron, Steel & Metals.
Smith Bros, cor 6th & Mulberry....Noblesville 146-01

NORTH MANCHESTER

Cash Registers, Autographic Paper Rolls for All Makes.
Standard Cash Register Co, College av .....North Manchester 193

Castings Lift Soft Gray Iron.
North Manchester Foundry Co.....East River 153

Paper, Adding Machine & Cash Register Rolls.
International Roll Paper Co, College av .....North Manchester 193

Paper Specialties Small Rolls, Every Description.
International Roll Paper Co, College av .....North Manchester 193

NORTH VERNON

Brackets & Pins, Telephone.
National Pin & Bracket Co.....North Vernon 48-L

Furniture (Summer Swings, Juvenile Spects Hdwd Lbr).
North Vernon Lumber Co.....North Vernon 117-K

Lumber, Hardwood, Special Orders.
Litchfield Bros .....North Vernon 136

PERU

Boxes, Mnfrs. Wire Bound & 3-Ply Panel Veneer.
Unger-Kramer Co The.....Main 529

Cabinet Work, All Kinds.
Standard Cabinet Mfg Co.....Main 493-W

Hardwood Lumber Mnfrs.
Eisaman-Richer Lumber Co, 42 W 10th...Main 842

Screw Machine Products.
Miami Screw Machine Products Co, W 2d..Main 752

PLYMOUTH

Boxes, Mnfrs Sectional Wire Bound Boxes & Crates.
Plymouth Mnfg Co.....Plymouth 428

Grinding Machines, Emery.
Clizbe Bros Mfg Co.....Plymouth 852

PORTLAND

Drain Tiles.
Portland Drain Tile Co.....Portland 364

Overalls, Shirts & Blouses.
Knocker Shirt Co The, 215 W Walnut...Portland 238

RICHMOND

Automobile Sheet Metal Work.
Johnson W N Auto Sheet Metal Works, 620 So J.....Richmond 1395

Belting.
Alexander Bros, Leather Belting (Jones Hardware Co) 10th & No E.....Richmond 1126

Castings, Malleable Iron.
Richmond Malleable Castings Co The, Washington av .....Richmond 3427

Cities & Towns.
Richmond Commercial Club, Masonic Temple .....Richmond 2000
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Clay Products, Mnfrs.
Campfield Raggle Block Co, Colonial bldg .....Richmond 1063

Drilling Machines.
National Automatic Tool Co The (Natco Multiple Drill), 7th & So N.....Richmond 2833

Elevator Doors.
Richmond Safety Gate Co, N 15th & Penn R R .....Richmond 1809

Elevator Safety Gates.
Richmond Safety Gate Co, N 15th & Penn R R .....Richmond 1809

Fire Door Hangers.
Richmond Safety Gate Co, N 15th & Penn R R .....Richmond 1809

Fire Doors.
Richmond Safety Gate Co, N 15th & Penn R R .....Richmond 1809

Foundry Flasks.
Diamond Clamp & Flask Co, 538 N 14th .....Automatic 3469

Gasoline Tanks for Underground & Mounted Tanks.
Weldex Company, 12th & North E....Automatic 1494

Leather Belting.
Alexander Bros, Leather Belting (Jones Hardware Co), 10th & North E....Richmond 1126

Malleable Iron Castings.
Richmond Malleable Castings Co The, Washington av .....Richmond 3427

Oxy Acetylene Welding.
Weldex Company, 12th & North E....Automatic 1494

Pressure Tanks Welded.
Weldex Company, 12th & North E....Automatic 1494

Sash Operators.
Advance Company, 542 N 14th.....Automatic 2430

Tanks for Stock Raisers, Extra Heavy Weight, Welded.
Weldex Company, 12th & North E....Automatic 1494

Warehouse Doors.
Richmond Safety Gate Co, N 15th & Penn R R.....Richmond 1809

Welders.
Weldex Company, 12th & North E....Automatic 1494

RUSHVILLE

Gluing Machinery, Heaters, Spreaders, Presses, Clamps.
Francis Chas E Co, West End 5th.....Rushville 1660

Machinery, Gluing Heaters, Spreaders, Presses, Clamps.
Francis Chas E Co, West End 5th.....Rushville 1660

SHELBYVILLE

Paper Packing, Bags & Covers.
Kennedy Car Liner & Bag Co The....Shelbyville 477

SOUTH BEND

Autographic Registers & Roll Printers.
Egry Register Co The (Geo D Armstrong Agt) 218 N Michigan .....

Automobile Tires & Accessories.
Boulevard Tire & Supply Stores Inc, 110 W Wayne .....Main 2275

Bushings, Wood.
Stephenson Mfg Co, 168 E Tutt.....Main 201

Chests, Red Cedar.
Acme Manufacturing Co, LaSalle & Sycamore ..... Bell-Main 1009 Home 6007

Dowels, Wood.
Stephenson Mfg Co, 168 E Tutt.....Main 201

Drilling Machines, Upright.
Sibley Machine Company, 217 E Sample .....Main 162

Engravers & Electrotypers Wood Block Mountings.
Wells Manufacturing Co, 1701-13 S Main..Main 3204

Handle Makers, Wooden.
Stephenson Mfg Co, 168 E Tutt.....Main 201

Hoists, Gasoline & Electric.
Clover Leaf Machine Co The, 1730 S Franklin .....Main 81

Spindles, Wood.
Stephenson Mfg Co, 168 E Tutt.....Main 201

Tool Specialties.
Collmer Brothers, 107 Lincoln way East Bell-Main 2605 .....Home 5811

Water Stills.
Sparta Mfg Co, 115 S Hill.....Main 4223

Wood Turners.
Stephenson Mfg Co, 168 E Tutt.....Main 201

TERRE HAUTE

Cream Medicinal Manufacturers.
Bear Manufacturing Co (Jack Frost), 16th & Van RR.....Citizens 869

Enameled Ware Mnfrs. (Household & Hospital).
Columbian Enameling & Stamping Co, Bell-Main 331 .....Citizens 742

Heating, Plumbing & Metal Work.
Terre Haute Furnace & Sheet Metal Co, Bell-Main 299 927 Wabash av.....Citizens 299

Hotels (European).
Terre Haute House, 7th & Wabash av ..... Bell-Main 623 .....Citizens 2001

Overalls & Work Clothing Mnfrs.
Stahl-Urban Co, 9½ & Ohio ..... Bell-Main 923 .....Citizens 923

Photographers, Commercial.
Martin's Photo Shop, 681½ Wabash av ..... Bell-Main 15 .....Citizens 3700

Powder, Dynamite & Explosives.
Bruns Powder Co, 15 N 8th ..... Bell-Main 1177 .....Citizens 1122

Tents, Awnings & Tarpaulins, Wholesale.
Terre Haute Tent & Awning Co, 434-436 N 9th..... Bell-Main 937 .....Citizens 48

Tight Barrels.
Vigo Cooperage Co, 2d & Big Four..... Bell-Main 615 .....Citizens 15

Water Supply Systems.
Crane Co (Leader Iron Works) 209, 9th ..... Bell-Main 16 .....Citizens 16

Weather Strips.
Monarch Metal Weather Strip Co The (Theo Burkhardt Dist) 74 S 17th.....
See our Catalog Space, page 1023.

Wheels, Auto & Auto Truck, Mnfrs.
Standard Wheel Co, 13th & Plum..... Bell-Main 397 .....Citizens 3235

Wheels, Carriage & Wagon, Mnfrs.
Standard Wheel Co, 13th & Plum..... Bell-Main 397 .....Citizens 3235

Working Men's Clothing, Mnfrs.
Frank Samuel & Sons, 315-325 N 14th..... ..Bell-Main 586 .....Citizens 3035-L

TIPTON

Blow Torches & Plumber's Furnaces, Mnfrs.
Oakes Manufacturing Co The, 216 W Dearborn .....Tipton 654

Incubator & Brooder Supplies & Parts, Contract.
Oakes Manufacturing Co The, 216 W Dearborn .....Tipton 654

Incubators & Brooders, Manufacturers.
Oakes Manufacturing Co The, 216 W Dearborn .....Tipton 654

Plumber's Furnaces & Blow Torches, Mnfrs.
Oakes Manufacturing Co The, 216 W Dearborn .....Tipton 654

Poultry Supplies, Mnfrs.
Oakes Manufacturing Co The, 216 W Dearborn .....Tipton 654

VALPARAISO

Asphaltums & Gloss Oils. Makers.
Parker C H Co, Poplar & Locust. Valparaiso 116

Mica Insulation (Cut & Uncut).
Chicago Mica Co, 21 Campbell.....Valparaiso 11

Paints and Enamel Makers.
Parker C H Co, Poplar & Locust. Valparaiso 116

Varnishes & Japan Mnfrs.
Parker C H Co, Poplar & Locust. Valparaiso 116

VINCENNES

Cast Iron Pipe.
Central Foundry Co The, 1719 N 2d.....Main 566
See our Advertisement Outside Back Cover.

Castings, Gray Iron.
Central Foundry Co The, 1719 N 2d....Main 566
See our Advertisement Outside Back Cover.

Floor Drains.
Central Foundry Co The, ("Lynn") 1719 N 2d .....Main 566
See our Advertisement Outside Back Cover.

Foundries.
Central Foundry Co The, 1719 N 2d.....Main 566
See our Advertisement Outside Back Cover.

Gas Mains.
Central Foundry Co The, 1719 N 2d.....Main 566
See our Advertisement Outside Back Cover.

Manhole Frames & Covers.
Central Foundry Co The, 1719 N 2nd.....Main 566
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Marine Castings.
Central Foundry Co The, 1719 N 2nd.....Main 566
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Soil Pipe.
Central Foundry Co The, 1719 N 2nd.....Main 566
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Universal Cast Iron Pipe.
Central Foundry Co The, 1719 N 2nd.....Main 566
See our Advertisement Outside Back Cover.

Valve Boxes.
Central Foundry Co The, 1719 N 2nd.....Main 566
See our Advertisement Outside Back Cover.

Water Mains.
Central Foundry Co The, 1719 N 2nd.....Main 566
See our Advertisement Outside Back Cover.

WABASH

Motor Truck Mnfrs.
Service Motor Truck Co.....Wabash 1204

WILLIAMSPORT

Sand & Gravel Concrete, Road & General Bldg.
Carmichael Gravel Co The.....Williamsport 168

WINCHESTER

Glass Bottles, Milk Jars, Food Containers, Mnfrs.
Woodbury Glass Co, 603 E North..Winchester 117

IOWA

BOONE

Motor Truck Chains (Traction).
Standley Skid Chain Co.....Boone 823

BURLINGTON

Metal Stampings, Dies & Hdw Spects Elect Welding.
North Western Stamping Co, 805 Osborn .....Burlington 693

CEDAR RAPIDS

Belting—Mnfrs. "V" Belting.
Craig Mfg Co, 16th & H av E.....Cedar Rapids 3044

Business Systems & X-Ray Ledgers.
Lefebure Ledger Co, 101 E av W....Cedar Rapids 619

Crushing & Pulverizing Machinery.
Universal Crusher Co, 199 N 3d....Cedar Rapids 2198

Dairy & Creamery Machinery & Supplies.
Cherry J G Co, 10th av & 4th.....Cedar Rapids 2546

Electrical & Telephone Supplies.
Terry J B Co, 411, 7th av.....Cedar Rapids 1329

Gas Furnaces & Burners.
Johnson Gas Appliance Co, 520 E av W .....Cedar Rapids 1916

Ledgers Mnfg. X-Ray Ledgers.
Lefebure Ledger Co, 101 E av W...Cedar Rapids 619

Loose Leaf Systems.
Lefebure Ledger Co, 101 E av W...Cedar Rapids 619

Measures Automatic Liquid
"Vac" Liquid Equipment Co ("Vac System") 1127 C av W.....Cedar Rapids 2591

Models Machine, Experimental, Dies & Pattern Works.
Rabus & Heller, 119 S 1st W.....Cedar Rapids 649

Piston Rings Light wt Piston Mfg. (3 piece rings).
Reliance Ring Co The, 215, 1st W..Cedar Rapids 582

Plumbing Supplies & Heating Supplies.
Dearborn Brass Co, B av & 8th W..Cedar Rapids 2278

Straw Board.
Cherry J G Co, 10th av & 4th.....Cedar Rapids 2546

CLINTON

Boilers, Stacks & Sheet Iron Works.
Cullen Co The (Successors to Star Boiler Works) 8th av & 1st.....Clinton 147

Bridge Steel.
Clinton Bridge Works.....Clinton 48

Castings, Gray Iron.
Iowa Machine Works.....Clinton 814-X

Steel Structural.
Clinton Bridge Works .....Clinton 48

COUNCIL BLUFFS

Wipers, Cheese Cloth & Muslin Remnants (Sanitary).
Friedman-Yudelson Co, 1216-18-20 S Main..Red 743

DAVENPORT

Adding Machines.
Monroe Calculating Machine Co, 324 Main .....Davenport 3000
See our Catalog Space, page 905

Automobile Cylinder Grinders (Internal.)
Schmidt B L Co, 417 W 4th.....Davenport 440

Baling Presses.
Davenport Mfg Co, 430 Harrison....Davenport 3917-Y

Belting.
Alexander Bros Leather Belting (Louis Hanssen's Sons) 215 W 2d.....Davenport 1066

Calculating Machines.
Monroe Calculating Machine Co, 324 Main .....Davenport 3000
See our Catalog Space, page 905

Fish and Oysters (Fresh.)
Davenport Fish Co, 228-230 E 3d.....Davenport 3889

Ice Breakers.
Schmidt B L Co, 417 W 4th.....Davenport 440

Leather Belting.
Alexander Bros Leather Belting (Louis Hanssen's Sons) 215 W 2d.....Davenport 1066

Moulding Machines, Air Operated & General Castings.
Davenport Machine & Foundry Co (Dept MM), 1616 W 4th .....Davenport 3

Paper Balers.
Woodall Works The, Indian Rd and Clark .....Davenport 6869-W

Water Supply Systems.
Crane, Co (Leader Iron Works) 600-22 E 4th .....Davenport 1010

DES MOINES

Accountants.
Baker, Vawter & Wolf, 505 Mulberry.....Walnut 1020

Addressing Machines.
Addressograph Co (L P Rossiter, Dist Mgr), Citizens Bank bldg.....Walnut 2175
See our Catalog Space, page 907

Advertising Signs & Out Door Display.
Leonard Fowler System, S & L bldg.....Walnut 1873

Architects & Engineers Supplies.
Architects-Engineers Supply Co, 809 Mulberry .....Walnut 1487

Artificial Flowers (for Decorative Purposes.
Hulsizer Co The, 427 Grand av.....Walnut 1379

Asphalt.
Barber Asphalt Paving Co The (Trinidad and Bermudez), Hubbell bldg.....Walnut 4761

Auditors.
Baker, Vawter & Wolf, 505 Mulberry.....Walnut 1020

Autographic Registers & Roll Printers.
Egry Register Co The (R L Sherman Sales Agt), 607 Sixth av.....Walnut 5528

Belting.
Alexander Bros, Leather Belting (Globe Machinery & Supply Co) 205 Court.Walnut 835

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Hippee bldg.....Walnut 2922

Coal.
Coal Hill Coal Co, Good blk.....Walnut 2505

Leather Belting.
Alexander Bros, Leather Belting (Globe Machinery & Supply Co), 205 Court..Walnut 835

Paints, Mnfrs.
Elaterite Paint & Mfg Co The, 11th & Market .....Walnut 1442

Scrap Iron, Metal & Paper.
Herman Box & Paper Co, 9th & Murphy..Walnut 4051

Tractors, Road Rollers, Steam Engines, Separators.
Leader Tractor Mfg Co, 9th & Vine.....Walnut 2096

Water Supply Systems.
Dempster Mfg & Supply Co (Leader Iron Works) 201-11 E Court av.....Maple 431

Waterproofing.
Elaterite Paint & Mfg Co The, 11th & Market .....Walnut 1442

Weather Strips.
Monarch Metal Weather Strip Co The (John C Wilke Distributor) Utica bldg.....Walnut 2007
See our Catalog Space, page 1023

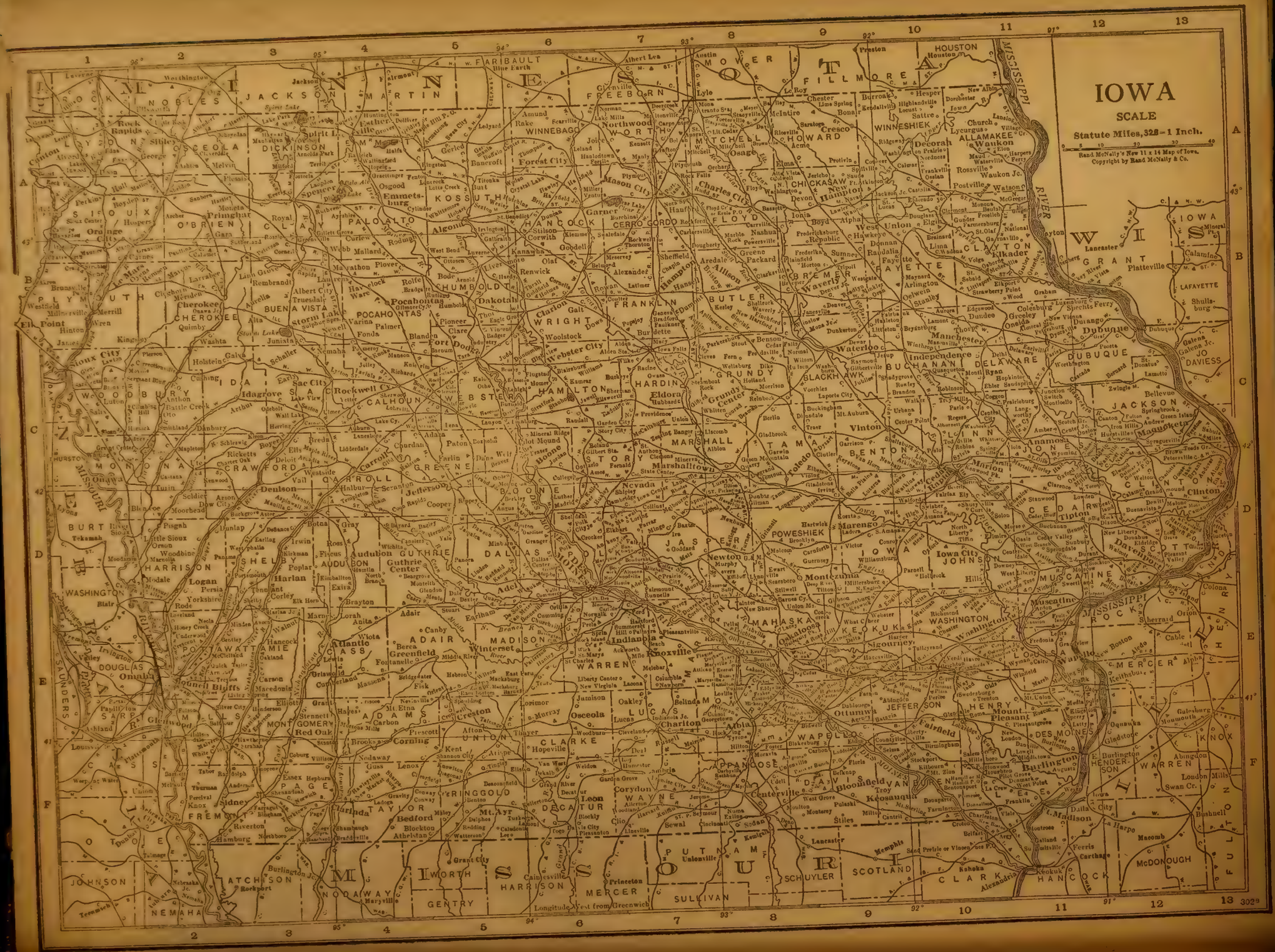
DUBUQUE

Automobile Headlight Lens (Natural Vision Lens).
Dubuque Glass Co, Jones & Levee.....Dubuque 1440

Belting.
Alexander Bros, Leather Belting (Dubuque Rubber & Belting Co), 422 Main....Dubuque 1996

Church Furniture, Altar & Statuary Mfrs.
Dubuque Altar Mfg Co, 19th & Pine....Dubuque 1018

Fire Escapes & Structural Steel.
Hoggenthaler E J Co, 820, 8th.....Dubuque 457


IOWA
SCALE
Statute Miles, 32.8 = 1 Inch.
Rand McNally's New 11 x 14 Map of Iowa.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
302a

IOWA

Land area	55,586
Water area	561
Population (Estimated)	2,224,771
White	2,209,191
Negro	14,973
All others	607
Foreign-born white (U. S. Census 1910)	273,484
Native white	1,935,707
Male	1,148,171
Female	1,076,600

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4	Chariton	F	7
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2	Clarion	B	6
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27	Clinton	D	13
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2	Dewitt	D	12
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3	Eagle Grove	B	5
2	Eldon	F	9
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3	Estherville	A	[illegible]
5	Fairfield	F	10
2	Forest City	A	[illegible]
21	Fort Dodge	B	5
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5	Grinnell	D	[illegible]
[illegible]	Guttenberg	B	11
[illegible]	Hamburg	F	2
[illegible]	Hampton	B	7
[illegible]	Harlan	D	3
2	Hawarden	A	1
2	Humboldt	B	5
[illegible]	Idagrove	C	3
4	Independence	C	10
[illegible]	Indianola	E	7
11	Iowa City	D	10
3	Iowa Falls	C	7
2	Jefferson	D	5
14	Keokuk	F	11
3	Knoxville	E	7
2	Lake City	C	4
2	Lamoni	F	6
2	Lansing	A	11
4	Le Mars	B	1
2	Leon	F	6
1	Logan	D	2
5	Lyons	D	13
3	Manchester	C	10
1	Manning	D	3
4	Maquoketa	C	12
2	Marengo	D	9
1	Marion	D	11
14	Marshalltown	C	7
14	Mason City	A	7
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2	Mount Ayr	F	5
4	Mount Pleasant	F	11
2	Mount Vernon	D	11
18	Muscatine	E	11
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1	Nashua	D	25
2	Nevada	D	7
2	New Hampton	A	9
5	Newton	D	8
6	Oelwein	B	10
2	Onawa	C	1
2	Osage	A	8
2	Osceola	E	6
10	Oskaloosa	E	8
24	Ottumwa	F	9
3	Pella	E	8
5	Perry	D	5
5	Red Oak	E	3
2	Rock Rapids	A	1
2	Rockwell City	C	4
2	Sac City	C	3
2	Seymour	F	7
3	Sheldon	A	2
5	Shenandoah	F	3
2	Sigourney	E	9
57	Sioux City	B	1
3	Spencer	A	3
2	Storm Lake	B	3
2	Stuart	E	5
1	Sumner	B	9
2	Tama	D	8
2	Tipton	D	11
2	Toledo	C	8
3	Valley Junction	D	6
2	Villisca	F	3
3	Vinton	C	9
4	Washington	E	10
36	Waterloo	C	9
2	Waukon	A	11
3	Waverly	B	9
5	Webster City	C	6
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DUBUQUE—continued

Flag Staffs Steel Riveted.
Marshall Wm Steam Boiler Wks, 10th & Washington ..... Dubuque 300

Hardware Spelts. Anvils, Coal Chutes, Dampers, Etc.
Klauer Mfg Co ..... Dubuque 292

Leather Belting.
Alexander Bros, Leather Belting (Dubuque Rubber & Belting Co) 422 Main.. Dubuque 1996

Lime, Crushed Stone & Pulverized Lime Stone.
Eagle Point Lime Works, Eagle Point... Dubuque 629

Plumbers Supls & Heating Supplies (Mfg. & Jobbers).
Dubuque Sanitary Mfg Co, 10th & Jackson ..... Dubuque 4212

Sheet Metal Culverts & Tinners' Supplies.
Klauer Mfg Co ..... Dubuque 292

Vinegar & Peanut Butter Mnfgs.
Jackson Vinegar Co, S Main ..... Dubuque 958

Woodenware Mouse & Rat Traps.
Dubuque Mfg Co ..... Dubuque 3328

FAIRFIELD

Castings, Malleable Iron.
Iowa Malleable Iron Co, cor 9th & Kirkwood ..... Fairfield 421

FORT DODGE

Concrete Mixers & Foundation Coal Chutes.
Iowa Foundry & Mfg Co, 1st av N & 21st ..... Ft Dodge 883

Gypsum Plaster Products.
Plymouth Gypsum Co, 1st Natl Bank bldg. Ft Dodge 71

Paints, Fire-resisting.
Pyrolin Co The (Pyrolin) 1st Natl Bank bldg ..... Ft Dodge 189

Plaster.
Plymouth Gypsum Co, 1st Natl Bank bldg. Ft Dodge 71

Weather Strips.
Diamond Metal Strip Co The, (J E Dunmire), Tobin College ..... Ft Dodge 572

FORT MADISON

Castings—Semi Steel and Gray Iron.
Continental Machine & Foundry Co.... Ft Madison 31

Foundries, Gray Iron & Semi-Steel.
Continental Machine & Foundry Co.... Ft Madison 31

Ice & Refrigerating Machinery.
Continental Machine & Foundry Co.... Ft Madison 31

Refrigerating & Ice Making Machinery.
Continental Machine & Foundry Co.... Ft Madison 31

Weather Strips.
Niagara Metal Weather Strip Co (Elmer E Sovern) 730, 3d ..... Ft Madison 518

GRINNELL

Cement Studding Sockets (instead of wooden sills).
Ross G M & Co, 618 S Park ..... Grinnell 235

Road Machines.
Spaulding Mfg Co (Excavators, Self Loading, Dumping Wagons) 4th av and Spring. Grinnell 77

Tools, Dies, Jigs & Fixtures.
Dodge Tool Company ..... Grinnell 55

INDEPENDENCE

Agricultural Implements, Ear Corn Cutter & Crusher.
Bloom J S Mfg Co, Main st & R I Tracks ..... Independence 150

KEOKUK

Concrete Carts.
American Cement Machine Co The Inc (Branch Offices & Stocks in all Principal Cities) Keokuk 788

Concrete Mixers.
American Cement Machine Co The Inc (Branch Offices & Stocks in all Principal Cities) Keokuk 788

Contractors' Machinery & Equipment.
American Cement Machine Co The Inc (Branch Offices & Stocks in all Principal Cities) Keokuk 788

Corn Syrup, Corn Oil & Starch.
Hubinger J C Bros Co ..... Keokuk 55

Hoisting Engines Gasoline, Kerosene, Electric, Steam.
American Cement Machine Co The Inc (Branch Offices & Stocks in all Principal Cities) Keokuk 788

Paving Mixers.
American Cement Machine Co The Inc (Branch Offices & Stocks in all Principal Cities) Keokuk 788

MARSHALLTOWN

Automobile Access Mufflers, Cut Outs, Wheel Pullers.
Cooper Manufacturing Co, (Formerly C & E Mfg Co) ..... Marshalltown 418

Fur Mnfrs.
Willard H Son & Co, 36 W Main.... Marshalltown 40

Gages, Ammonia, Hydraulic, Steam, All Purposes.
Bogardus-Nelson Company, P O Box 413 ..... Marshalltown 1647

Governors.
Fisher Governor Co The, 201-203 S 1st av ..... Marshalltown 82

Power Plant Specialties.
Fisher Governor Co The, 201-3 S 1st av ..... Marshalltown 82

Spark Plugs.
Motor Accessories Mfg Co ..... Marshalltown 550

Traps (Steam & Air).
Fisher Governor Co The, 201-3 S 1st av ..... Marshalltown 82

Trowels (Brick, Plastering, Cement & Pointing).
Marshalltown Trowel Co ..... Marshalltown 273

Valves Pressure Regulating.
Fisher Governor Co The, 201-3 S 1st av ..... Marshalltown 82

MASON CITY

Cement Mnfrs.
Lehigh Portland Cement Co, M B A bldg Mason City 981

Clay Products—Hollow Blocks, Tile & Fireproofing.
Mason City Brick & Tile Co ..... Mason City 191
North Iowa Brick & Tile Co ..... Mason City 364

Packers, Pork & Beef.
Decker Jacob E & Sons, 15th N E.... Mason City 312

NEWTON

Washing Machines Mnfrs.
Maytag Company The, 200 North ..... Newton 700
One Minute Mfg Co, N Race ..... Newton 225

OTTUMWA

Brick, Drain & Hollow Bldg Tile, Fireproofing.

Morey Clay Products Co .....Ottumwa 288

Miner's Coal Tools & Supplies.

American Mining Tool Co.....Ottumwa 7

Squares, Steel.

Nicholls Mfg Co, Main & Wapello.....Ottumwa 701

SIOUX CITY

Autographic Registers & Roll Printers.

Egry Register Co The (E M Schuld Sales Agt) ..... Bell-Sioux City 205 Automatic 4073

Safes.

Baum J Safe & Lock Co The (Dougherty & Bryant Co), 409 Douglas.....Sioux City 1209

Welders All Kinds, Gear Cutting, Cylinder Grinding.

Sioux City Welding & Machine Works ..... Bell-Sioux City 836 Automatic 1867

WATERLOO

Agricultural Implements.

Litchfield Mfg Co The.....Waterloo 292

Calendars (Perpetual Daily Date).

Parrott Matt & Sons Co.....Waterloo 1135

Concrete Mixers.

Stewart Mfg Co, 124 Rath.....Waterloo 896

Mailing Lists & Letter Duplicating.

Mazon Service Corp, Marsh Place bldg .....Waterloo 352

Refrigerators (For all Purposes).

Northey Mfg Co, Bluff & Park avs.....Waterloo 1749

Registers Warm Air (Side Wall & Floor).

Waterloo Register Co, 110-112 Rath..Waterloo 1807

Wire Specialties (Wood & Wire Coat Hangers).

Novelty Wire Works.....Waterloo 1713

WEBSTER CITY

Check Writers.

National Check Writer Mfg Co, 913 Seneca .....Webster City 6595

KANSAS

KANSAS

Land area	81,774
Water area	384
Population (Estimated)	1,840,707
White (U. S. Census 1910)	1,634,352
Negro	54,030
All others	2,567
Foreign-born white	135,190
Native white	1,499,162
Male	885,912
Female	805,037

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2	Burlington	E	13
2	Caldwell	G	9
4	Caney	G	3
12	Chanute	F	14
1	Cherokee	G	15
4	Cherryvale	G	13
2	Chetopa	H	14
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3	Columbus	G	15
4	Concordia	C	9
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3	Dodge City	F	4
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2	Weir	G	15
7	Wellington	G	10
71	Wichita	F	9
7	Winfield	G	11
2	Yates Center	F	13

ATCHISON

Heel Mnfrs. Leather.

Atchison Leather Products Co, 316 Commercial .....Atchison 797

Leather Straps & Leather Specialties.

Atchison Leather Products Co, 316 Commercial .....Atchison 797

Scrap Iron.

Great Western Rag, Iron & Metal Co, 1140 Main .....Atchison 1166

CHANUTE

Fruits & Produce (Receivers & Distributors).

Chanute Wholesale Grocer Co The, 23 W Main.....Chanute 635

Grocers, Wholesale.

Chanute Wholesale Grocer Co The, 23 W Main.....Chanute 635

Petroleum Refiners.

Miller Petroleum Refining Co The, Fidelity Bank bldg .....Chanute 484

White Eagle Petroleum Co, Fidelity Bank bldg .....Chanute 484

CHERRYVALE

Foundries.

Cherryvale Iron Works Co The.....Cherryvale 175

FORT SCOTT

Horses and Mules.

Fort Scott Horse & Mule Co, N Ivy...Fort Scott 719

INDEPENDENCE

Cement Mfrs.

Western States Portland Cement Co The, Citizens 1st Nat Bank bldg.... Bell-Independence 66 Home 1542

KANSAS CITY

Awnings and Tents.

Wyandotte Awning & Tent Co (Kapka Receding), 6th & Nebraska..... Bell-West 210 Home-West 210

Bonds, Guarantee.

National Surety Company (I J Talbott Mgr) Portsmouth bldg .....West 327

Bonds, Surety.

National Surety Company (I J Talbott Mgr) Portsmouth bldg .....West 327

Boxes, Mfrs Corrugated and Fibre.

Kansas City Fibre Box Co, Adams & Kansas..... Bell-Main 6833 Home-Main 5582

See our Catalog Space, page 926

Burglary Insurance.

National Surety Company (I J Talbott Mgr) Portsmouth bldg .....West 327

Cooperage.

Hauber Cooperage Co, 17th and Osage av ..... Bell-West 493 Home-West 1383

Refiners of Petroleum Oil.

Kansas City Refining Co The, 1st and Troup av .....West 922

Surety Bonds.

National Surety Company (I J Talbott, Mgr), Portsmouth bldg.....West 327

LAWRENCE

Seals, Steel Car.

Edgar Steel Seal & Mfg Co The, 617 Vermont .....Lawrence 2075

Seeds.

Barteldes Seed Co The, 804 Mass.....Lawrence 93

LEAVENWORTH

Ice Making & Refrigerating Machinery.

Fisher Machine Wks Co, 4th & Choctaw .....Leavenworth 5

Washing Machines, Electric Hand & Water Power.

Victor Mfg Co The, Pennsylvania & Lawrence av .....Leavenworth

KANSAS
SCALE
Statute Miles, 42 = 1 Inch.
0 5 10 20 30 40 50 60
Rand McNally's New 11 x 14 Map of Kansas.
Copyright by Rand McNally & Co.
NEBRASKA
COLORADO
OKLAHOMA
TEXAS
CHASE
HAYES
FRONTIER
GOSPER
PHELPS
KEARNEY
ADAMS
CLAY
FILLMORE
SALINE
LANCASTER
OTOE
JOHNSON
GAGE
DUNDY
HITCHCOCK
RED WILLOW
FURNAS
HARLAN
FRANKLIN
WEBSTER
NUCKOLLS
JEFFERSON
THAYER
PAWNEE
CHEYENNE
RAWLINS
DECATUR
NORTON
PHILLIPS
SMITH
JEWELL
REPUBLIC
WASHINGTON
MARSHALL
NEMAHA
BROWN
DONIPHAN
SHERMAN
THOMAS
SHERIDAN
GRAHAM
ROOKS
OSBORNE
MITCHELL
CLOUD
CLAY
RILEY
POTTAWATOMIE
JACKSON
ATCHISON
HOLT
WALLACE
LOGAN
GOVE
TREGO
ELLIS
RUSSELL
LINCOLN
OTTAWA
DICKINSON
GEARY
WABAUNSEE
SHAWNEE
JEFFERSON
LEAVENWORTH
WYANDOTTE
JOHNSON
GREELEY
WICHITA
SCOTT
LANE
NESS
RUSH
BARTON
ELLSWORTH
SALINE
MORRIS
OSAGE
DOUGLAS
LYON
FRANKLIN
MIAMI
HAMILTON
KEARNY
FINNEY
HODGEMAN
PAWNEE
STAFFORD
RICE
MCPHERSON
MARION
CHASE
COFFEY
ANDERSON
LINN
STANTON
GRANT
HASKELL
GRAY
FORD
EDWARDS
KIOWA
PRATT
KINGMAN
HARVEY
BUTLER
GREENWOOD
WOODSON
ALLEN
BOURBON
MORTON
STEVENS
SEWARD
MEADE
CLARK
COMANCHE
BARBER
HARPER
SUMNER
COWLEY
CHAUTAUQUA
MONTGOMERY
WILSON
NEOSHO
CHEROKEE
LABETTE
BEAVER
HARPER
WOODS
ALFALFA
GRANT
KAY
OSAGE
NORTON
CRAIG
SHERMAN
HANSFORD
OCHILTREE
LIPSCOMB
ELLIS
WOODWARD
GARFIELD
NOBLE
MAJOR
DELAWARE
Wichita
Topeka
Kansas City
Leavenworth
Atchison
St. Joseph
Salina
Abilene
Hutchinson
Great Bend
Dodge City
Ellsworth
Manhattan
Junction City
Lawrence
Emporia
Cottonwood Falls
Eureka
Iola
Fort Scott
Independence
Winfield
Arkansas City
Medicine Lodge
Pratt
Kingman
Hays
Colby
Goodland
Oberlin
Norton
Phillipsburg
Concordia
Beloit
Belleville
Marysville
Seneca
Troy
Paola
Ottawa
Garnett
Burlington
Yates Center
Neosho Falls
Chanute
Cherryvale
Coffeyville
Parsons
Oswego
Liberal
Ashland
Kinsley
Larned
Ellis
Russell
Lincoln
Minneapolis
Osborne
Stockton
Plainville
Ness City
Dighton
Scott City
Garden City
Lakin
Syracuse
Tribune
Leoti
Ulysses
Johnson
Richfield
Elkhart
Hugoton
Moscow
Meade
Plains
Mendo
Cimarron
Ashland
Coldwater
Protection
Medicine Lodge
Anthony
Harper
Wellington
Winfield
Arkansas City
Cottonwood Falls
Eureka
Iola
Fort Scott
Independence

SALINA

Weather Strips.

Diamond Metal Weather Strip Co The, (W H Van Petten) 1106 S Santa Fe...Salina 2118

TOPEKA

Iron Works, Structural, Ornamental & Foundry.

Topeka Foundry & Iron Works, 318 Jackson.Topeka 499

Proprietary Medicines.

Gavitt's System Regulator, Gavitt bldg, 4th av & Adams.....Topeka 610

WICHITA

Attorneys at Law.

Noftzger & Gardner, Beacon bldg.....Market 407

Automobile Parts, New & Second Hand.

Wichita Auto Wrecking Co, 809 W Duglas.Market 1042

Coal Chute, Automatic.

Western Iron & Foundry Co, 702 E 2d....Wichita 806

Detective Agencies.

Gilleland's National Detective Agency.Day-Market 2554
Schweiter bldg .....Night-Douglas 86
United Detective Agency, Bomes bldg..Market 3823

Electric Lighting Fixtures for All Purposes.

Brascolite (Southwestern Electric Co Distributors), 123 N Market.....Douglas 938
See our Catalog Space, page 968

Inventions (Developing & Building of).

Reschke Machine Works Co The, 908 N Washington .....Market 584

Iron Work for Buildings.

Western Iron & Foundry Co, 702 E 2d...Wichita 806

Lighting Fixtures, Electric for All Purposes.

Brascolite (Southwestern Electric Co Distributors), 123 N Market.....Douglas 938
See our Catalog Space, page 968

Scrap Iron, Metals and Paper.

Kamenesky J & Bro, 618 E Murdock.....Market 4998

Weather Strips.

Niagara Metal Weather Strip Co (United Metal Weather Strip Co) Beacon bldg.Market 2462

KENTUCKY

KENTUCKY

Land area	40,181
Water area	417
Population (Estimated)	2,386,866
White	2,027,951
Negro	261,656
All others	298
Foreign-born white (U. S. Census 1910)	40,053
Native white	1,987,898
Male	1,161,709
Female	1,128,196

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands					
10	Ashland	C 16	5	Madisonville	E 7
10	Bowling Green	F 9	6	Mayfield	F 4
57	Covington	A 12	6	Maysville	B 14
5	Danville	D 12	7	Middlesboro	F 14
11	Frankfort	C 12	32	Newport	A 13
5	Georgetown	C 12	18	Owensboro	D 8
12	Henderson	D 6	25	Paducah	E 4
11	Hopkinsville	F 7	6	Paris	C 13
41	Lexington	C 13	5	Richmond	D 13
239	Louisville	C 10	7	Winchester	D 13

ASHLAND

Bessemer Steel Billits & Wire Rods, Mnfrs.

Ashland Steel Co .....Ashland 47

Brokers, Stocks, Grain & Cotton.

Williams & Monroe, Gaylord bldg....Ashland 1014

BOWLING GREEN

Machine Shop, Hammer Forging & Oil Well Repairs.

Park City Machine Co, Main & Clay ..... Bell-Bowling Green 69 / Ohio State 69

COVINGTON

Cornices—Galvanized Iron & Copper.

Brown R L, 2023 Pearl.....South 1083

Glass Insulators.

Hemingray Glass Co, 2d & Madison.....South 121

FORT THOMAS

Hotels.

Avenel Hotel The, Ft Thomas av.....Highland 424

HENDERSON

Insecticides (Nicotine & Tobacco Extract).

American Nicotine Company Inc, Glass Alley .....Henderson 54-J

LEXINGTON

Automobile Oils.

Indian Refining Co (Havoline Oil) 1008 W High .....Lexington 1096
See our Catalog Space, page 917

LOUISVILLE

Artificial Limbs.

Blevens Artificial Limb Co, Walker bldg .....Home-City 7622

Attorneys at Law.

Walsh & Godfroy, 5th & Market ..... Bell-Main 354 / Home-City 3048

Autographic Registers and Roll Printed Stationery.

Hamilton Autographic Register Co (T R Davis Dist Mgr) 3123 Bank .....Shawnee 2190

Autographic Registers & Roll Printers.

Egry Register Co The (M H Houston, Sales Agt), 117-119 N Fourth...Home-City 2457

Automobile Oils.

Indian Refining Co (Havoline Oil), 1400 S 12th..... Bell-South 226 / Home-City 1178
See our Catalog Space, page 917

Automobile Parts (Second Hand).

Republic Vulcanizing & Welding Co Inc, 901 W Jefferson..... Bell-Main 1234-Y / Home-City 5207

Automobile Radiator Repairs

Auto Radiator Repair Co, 125-127 W Green .....Home-City 7799
Kentucky Auto Radiator Repair Co, 409 S 1st .....Home-City 3944

Automobile Radiators.

Auto Radiator Repair Co, 125 W Green .....Home-City 7799

Automobile Supplies.

Hodapp & Miller, 119 S 7th ..... Bell-Main 1004-A / Home-City 1482

Automobile Tires & Repair.

American Auto Repair & Supply Co, 2131 W Broadway .....Shawnee 1161

Automobile Trucks.

Hodapp & Miller, 119 S 7th ..... Bell-Main 1004-A / Home-City 1482

Banks.

American-Southern National Bank, 322 W Main .....Main 433

Barrels—All Kinds—Second Hand.

Ameling Wm T, 931 S Shelby.....Home-City 3664

Belting.

Alexander Bros, Leather Belting, (The Ahrens & Ott Mfg Co), 319 W Main....Main 2301

Belting, Leather.

Detroit Oak Belting Co (Chas L V Frank & Co), 110 N 4th.....Main 2098-Y

Bottle Dealers—Second Hand.

East End Bottle Co, 829 E Market....Home-City 605

Bricks, Building.

Coral Ridge Clay Products Co, Inter-Southern bldg ..... Bell-Main 134 / Home-City 807

Bricks & Drain Tile Manufacturers.

Southern Brick & Tile Co Inc, cor 13th & Ormsby..... Bell-South 1622 / Home City 54

Brokers, Stocks, Grain & Cotton.

Williams & Monroe, 129 S 5th....Home-City 267

Cement Manufacturers.

Kosmos Portland Cement Co, Paul Jones bldg..... Bell-Main / Home-City

Cigars, Manufacturers.

Bickel C C Co (Manufacturers Filson Club & Daniel Boone Cigars) 526 W Main ..... Bell-Main 7 / Home-City 7

KENTUCKY AND TENNESSEE
SCALE
Statute Miles, 47 = 1 Inch.
Longitude West from Greenwich.
ILLINOIS
INDIANA
OHIO
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ALABAMA
MISSISSIPPI
MISSOURI
ARKANSAS
LOUISVILLE
CINCINNATI
ST. LOUIS
Terre Haute
Bloomington
Columbus
Cairo
Paducah
Nashville
Chattanooga
Knoxville
Lexington
Frankfort
Cumberland River
Tennessee River
Ohio River
Mississippi River

13879

LOUISVILLE—continued

Clipping Bureaus.
Central Clipping Bureau, Starks bldg ..... Bell-Main 1995 Home-City 1995

Collecting Agencies.
Mercantile Protective Assn, Norton bldg. Home-City 3443
Palmer Agency (Organized for protection of Creditors, Collections, Commercial Law & Adjustments—References Belknap Hdw Co, Ky Wagon Mfg Co), Columbia bldg ..... Home-City 5269

Collecting Agencies & Mercantile Adjustments.
American Adjustment Co, Lincoln bldg ..... Bell-Main 1140 Home-City 2829

Concrete Construction.
National Concrete Construction Co, Board of Trade bldg ..... Bell-Main 3529 Home-City 3529

Concrete Mixers.
Archer Iron Works (Warren Bros Agts) 306 W Main ..... Bell-Main 536-A Home-City 4999

Contractors Equipment & Fire Proofing.
Barret Thomas L, 127 N 3d ..... Bell-Main 57 Home-City 730

Conveyors.
Dow Wire & Iron Works, Franklin & Buchanan ..... Main 749

Coppersmiths.
Ahlers & Giegoire, 621-23 E Main ..... Bell-Main 1088 Home-City 1088
Vendome Copper & Brass Works Inc 721-23 E Main ..... Bell-Main 2937 Home-City 5937

Dermatologists.
Stokes Madame, Republic bldg ..... Main 1114

Detective Agencies.
Standard Detective Agency, 233 S 4th av ..... Bell-Main 1719 Home-City 1719

Dyeing & Waterproofing of Cotton Piece Goods.
Ohio Falls Dye Finishing Works 717-733 E Madison ..... Bell-Main 1824 Home-City 1824

Electric Lighting Fixtures for All Purposes.
Brascolite (H C Tafel Electric Co Distributors) 236 W Jefferson ..... Main 985-A
See our Catalog Space, page 968

Electrical Repairs, Armature & Field Coil Winding.
Krauth Wm C Electric Co, 115 West Market ..... Home-City 7318

Electrical Supplies.
Walker-Lilly Electric Co, Realty bldg ..... Bell-Main 1956 Home-City 8381

Elevators, Freight & Passenger.
American Elevator & Machinery Co, 500 E Main ..... Bell-Main 1115 Home-City 1115

Glass.
Falls City Mirror Works, 134 North 4th ..... Home-City 5708

Hotels.
Hotel Henry Watterson, 415 W Walnut ..... Bell-Main 3401 Home-City 1977
Tyler Hotel The, 3d & Jefferson ..... Bell-Main 3100 Home-City 9000

Junk.
Cohen L, 207-9 E Market ..... Home-City 3084
Gradman Alex, 120 S Brook ..... Home-City 4821
Hyman Rag, Iron & Paper Stock Co, 830 W Main ..... Home-City 2640
Schlom Harry & Son, 726 E Main ..... Home-City 9663
Kentucky Joseph & Sons, 328 E Green ..... Home-City 844
Avent Liel Rag Store, 426 S 10th ..... Home-City 4753

Leather Belting.
Alexander Bros Leather Belting (The Ahrens & Otto Mfg Co) 319 W Main ..... Main 2301

Lighting Fixtures for All Purposes.
Brascolite (H C Tafel Electric Co Distributors) 236 W Jefferson ..... Main 985-A
See our Catalog Space, page 968.

Lithographers.
Courier Journal Job Printing Co, 316-26 W Green ..... Bell-Main 86 Home-City 67

Lithographers & Printers.
Falls City Lithograph & Job Printing Co, 225 W Main ..... Bell-Main 948-A Home-City 948

Monuments & Mausoleums, Designers & Builders.
New Muldoon Monument Co, 625-27 S 3d ..... Bell-Main 574 Home-City 1986

Monuments & Memorials.
Schreck & Wetter Monument Co, 933-935 E Broadway ..... Home-City 2209

Motor Trucks.
Autocar Sales & Service Co The (Frank G Weber Co), 300 E Main ..... Home-City 1704

Nurseries.
Kentucky Nursery Co, R F D Buechel Route ..... Home-Highland 24-J

Optical Goods.
Ball Optical Co The, 613 South 4th av ..... Bell-Main 121 Home-City 121

Ornamental Iron.
Champion Wire & Iron Works, 706-708 Marshall ..... Home-City 4215

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co, (Laib Company), (For Oils, Alkalies & Benzol Products), 18th & Magnolia ..... Bell-West 44 Home-City 1758

Paper Dealers.
Chatfield & Woods Co The (S A Johnson), Columbia bldg ..... Main 949-A
Whitaker Paper Co The, Paul Jones bldg ..... Main 540

Photographers, Commercial.
Hesse H, 624-26 S 3d ..... Bell-Main 465 Home-City 465

Photographers—Commercial & Lantern Slides.
Caufield K S & Kopp, 412-420 S Fourth av ..... Home-City 1037

Physicians & Surgs Specity—Women's & Childn's Diseases.
Kremer Dr John William, 1830 W Jefferson ..... Home-Shawnee 1678

Pipe & Boiler Coverings.
Kentucky Pipe Covering Co, 122 West Main ..... Home-City 2194

Plasterers, (Contractors).
Bannon Wm P, cor Brook & Bloom ..... Bell-South 153 Home-City 8380

Poultry Supplies, Birds & Pets.
Haller's Pet Shop & Poultry Supply House, 210 W Market ..... Bell-Main 2243 Home-City 2243

Real Estate.
Semonin Paul F & Co, Paul Jones bldg ..... Bell-Main 3177 Home-City 3177

Safes.
Baum J Safe & Lock Co The (Belknap Hardware & Mfg Co), 2d and Washington Main 2500

Sand & Gravel.
Nugent Sand Co, Clay & Fulton ..... Bell-Main 1475 Home-City 1475
Ohio River Sand Co, Brook & Fulton ..... Bell-Main 1871 Home-City 1871

Scrap Iron & Metals.
Gradman H, 124-130 S Floyd ..... Home-City 7830 Bell-Main 1138
Louisville Iron & Metal Co, 411 South First ..... Home-City 3075
Southern Metal Co, S E Cor 14th and Walnut ..... Bell-Main 1629 Home-City 1629

Scrap Iron, Metals & Junk Dealers.
Hyman E, 121-127 E Market ..... Bell-Main 3181-Y Home-City 727

Scrap Iron & Old Boilers.
Klempner Bros, 13th and Rowan ..... Bell-Main 1280 Home-City 1280

Seeds, Farming Implements, Fertilizers.
Wood-Stubb Co, 219-221 E. Jefferson ..... Bell-Main 2368 Home-City 2368

Sheet Metal, Roofing & Ventilating.
Davis Jos W, Underhill and Kentucky ..... Home 1354

Stampings & Dies.
Brakmeier Bros, 136 S 5th ..... Home-City 5704

Stencil Cutting Machines.
Ideal Stencil Machine The (H F Smithers, Div Sales Mgr), Courier-Journal office bldg ..... Bell-Main 478-Y Home-City 6805
See our Catalog Space, page 1010.

Store, Bank & Office Fixtures, Manufacturers.
Louisville Fixture & Furniture Co Inc, 823-29 Fehr av ..... Home-City 1809

Tiles, Hollow Building.
Coral Ridge Clay Products Co, Inter-Southern bldg ..... Bell-Main 1341 Home-City 8075

Tires—Automobile.
Ten Broeck Tyre Co, 26th & Courtney ..... Bell-West 303 Home-Shawnee 844

Trade News Correspondents.
Ohio Valley News Service Inc, Starks bldg ..... Bell-Main 1995 Home-City 1995

Typewriters—Portable.
Corona Typewriter Company Inc, 104 S 4th ..... Home-City 107[illegible]

Undertakers.
Keenan Thos, 1529 W Market ..... Bell-West 36[illegible] Home-City 36[illegible]
Pearson L D & Son, S E cor. 3d & Chestnut ..... Bell-Main 17[illegible] Home-City 17[illegible]
Smith's Gran W Sons, S E cor 6th & Zane ..... Bell-South 78[illegible] Home-City 81[illegible]

Wall Plaster & Building Supplies.
Kentucky Wall Plaster Co, Brook & River ..... Main 226

Water Systems.
Laib Co (Leader Iron Works) 18th & Magnolia ..... Bell-West [illegible] Home-City 175

Weather Strips.
Monarch Metal Weather Strip Co The (Hegan-Magruder Co, Distributors), 316 W Market ..... Bell-Main 1[illegible] Home-City 1[illegible]
See our Catalog Space, page 1023.

Wiping Cloths, Cheese Cloths, New Mill Ends.
Louisville Sanitary Wipers Co Inc, 765 S Preston ..... Bell-South 14[illegible] Home-City 14[illegible]

Wire & Iron Work.
Imperial Wire & Iron Works Inc, Bell-West 499
24th & Maple.....Home-Shawnee 610

NEWPORT

Alloy Steel.
Andrews Steel Co, 9th and Lowell.....South 3151

Billetts.
Andrews Steel Co, 9th and Lowell.....South 3151

Chewing Gum.
Newport Gum Co, A Colker Mgr, 19
E Southgate .....South 42

Galvanized Sheet Metal Products.
Globe Iron Roofing & Corrugating Co,
9th and Lowell .....South 3151

Iron, Genuine Open Hearth.
Newport Rolling Mill Co, 9th and Lowell...South 3151

Roofing—Painted, Galvanized.
Globe Iron Roofing & Corrugating Co,
9th and Lowell.....South 3151

Steel Sheets, Black and Galvanized.
Newport Rolling Mill Co, 9th and Lowell...South 3151

PADUCAH

Baskets, Splint & Fruit Packages.
Paducah Box & Basket Co, Bell-Paducah 1824
14th & Caldwell.....Independent 509

Iron, Steel, Heavy Hardware & Blacksmith Supplies.
Paducah Iron Co The 124-126 S 3d..Paducah 282-W

Weather Strips.
Monarch Metal Weather Strip Co The (Langstaff Orm Mfg Co, Distributors) [illegible] S
3d .....Paducah 20
See our Catalog Space, page 1023

PROVIDENCE

Banks.
Union National Bank Bell-Providence 33
.....Independent 81

LOUISIANA

ALEXANDRIA

Belting, Leather.
Detroit Oak Belting Co (Brown-Roberts
Hardware & Supply Co).....Alexandria 660

Castings, Gray Iron, Rebuilt Locomotives Genl Mach Wk.
Ruston Foundry & Machine Shops Ltd.Alexandria 414

Lumber, Hardwood Mnfg.
Ferd Brenner Lumber Co.....Alexandria 720

Lumber, "Louisiana Cypress" and Hardwood Mnfrs.
Alexandria Cooperage Lumber Co...Alexandria 664

Lumber, Yellow Pine Mnfrs.
Bollman Lumber Co, 6th and Monroe.Alexandria 549
Caddo-Rapids Lumber Co Ltd, Monroe
and 6th .....Alexandria 549

MANDEVILLE

Lumber.
Poitevent & Favre Lumber Co.....Mandeville 5

NEW ORLEANS

Accountants.
Wermuth Chas E, Hennen bldg.....Main 4232

Accountants, Certified Public.
Robinson Havener Co, Whitney Central bldg.Main 737

Adding Machines.
Monroe Calculating Machine Company,
416 Gravier .....Main 140
See our Catalog Space, page 905.

Addressing Machines.
Addressograph Co, (E H Read Dist Mgr),
606 Common .....Main 2492
See our Catalog Space, page 907.
Hickney & Montague Direx-all
Tulane-Newcomb bldg.....Main 5321

Appraisers.
American Appraisal Co The, Hennen bldg..Main 78

Asphalt.
Barber Asphalt Paving Co The (Trinidad &
Bermudez), City Bank bldg.....Main 603

Autographic Registers & Roll Printed Stationery.
Hamilton Autographic Registers (O W Bell-Main 601
Brown Mgr) Canal Bank Annex...Uptown 2228-L

Autographic Registers and Roll Printers.
Globe Register Co The, (Geo E Courtin, Jr)
407 Poydras .....Main 2902

Automobile Accessories (Wholesale).
Electric Appliance Company, 408-14 Canal.Main 1751

Automobile Oils.
Indian Refining Co (Havoline Oil) Howard
av and Prieur.....Main 1322
See our Catalog Space, page 917.

Bags, Manufacturers.
Feitel Dan W Bag Co Ltd (Largest Exclusive
Second Hand Bag Dealers in the United
States), Claiborne & Erato.....Jackson 762
Louisiana Bag Corporation, 918-924 Girod..Main 1231

Belt Dressing.
Cling Surface Co, (Whitney Supply Co Ltd),
418 S Peters .....Main 451

Belting.
Alexander Bros Leather Belting (A Baldwin &
Co Ltd) Camp and Common.....Main 386

Blow Pipe Mnfrs.
National Blow Pipe & Mfg Co Ltd (Fans, Dust
Collectors & Blow Piping) 738 Dryades.Main 4265

Calculating Machines.
Monroe Calculating Machine Company,
416 Gravier .....Main 140
See our Catalog Space, page 905.

Cans.
American Can Co, Cortez & Toulouse sts...Galvez 80

Cans, Paper or Fibre.
St Louis Paper Can & Tube Co (Thomas
Dunne Co), 415-417 Natchez.....Main 4083
See our Catalog Space, page 928

Casket Lowering Devices.
Frigid Fluid Co (M B Higgins Agt),
1308 Moss .....Hemlock 2949-W

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Whitney Central bldg....Main 4365

Coal.
Hyams Robert P Coal Co Ltd (Coal, Manufacturers, Domestic & Bunker Purposes), Clio
and Magnolia .....Main 280
Jung & Sons Co, Clio & Willow.....Jackson 716

Coffee.
New Orleans Coffee Co Ltd, 1756
Tchoupitoulas .....Jackson 68

Confectioners, Mnfg.
Elmer Candy Co Inc, Mnfrs High Grade Choc-
late Package Goods, 540 Magazine.....Main 3781

Cotton Goods, Commission Merchants.
Cassard Miron S & Co (Albert Mayer),
135 Chartres .....Main 3348

Creosoted Material & Creosote Oil.
American Creosote Works Inc, Station B..Walnut 36

Custom House Brokers.
Duhn S J Shipping Co Inc The, Hennen bldg.Main 3265

Detective Agencies.
Boylan's Detective Agency & Protection
Police, 636 Gravier.....Main 977
Burns Wm J, International Detective Agency,
The Inc, Q & C bldg.....Main 604
See our Catalog Space, page 938.

Electrical Appliances & Apparatus (Wholesale).
Electric Appliance Company, 408-14 Canal..Main 1751

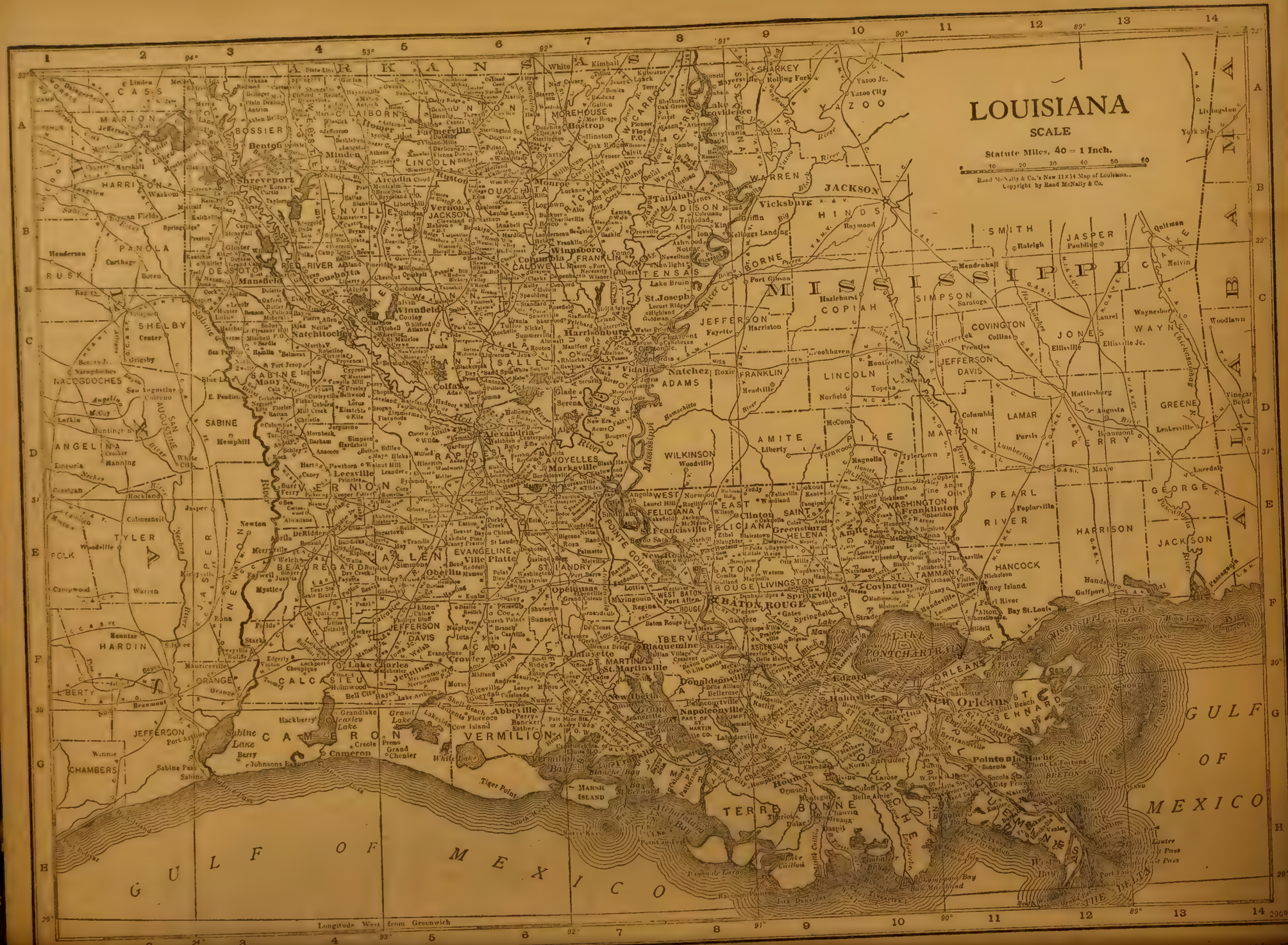
Emery Cloth, Sand Paper & Garnet Paper.
United States Sand Paper Co (Mrs Leo Samson
Rep), Hennen bldg.....Main 2381

Engines, Poppet Valve, Uniflow.
Castanedo Walter, Hennen bldg.....Main 158

Exporters & Importers.
Carvalho Louis C Inc, Metropolitan Bank
bldg .....Main 2028
Export Trading Company, Canal Bank bldg.Main 4835

Fibre Containers.
American Can Co, Cortez & Toulouse sts.Galvez 80

Forwarding Agents.
Dietrich & Wiltz Inc, 400 N Peters.....Main 3879


LOUISIANA
SCALE
Statute Miles, 40 = 1 Inch.
0 10 20 30 40 50 60
Rand McNally & Co.'s New 11×14 Map of Louisiana.
Copyright by Rand McNally & Co.
ARKANSAS
MISSISSIPPI
ALABAMA
TEXAS
GULF OF MEXICO
LAKE PONTCHARTRAIN
LAKE BORGNE
LAKE MAUREPAS
LAKE CATAHOULA
LAKE PROVIDENCE
LAKE BRUIN
LAKE CHICOT
LAKE CAILLOU
LAKE BOEUF
LAKE DE ROSIER
LAKE VERRET
LAKE MERMENTAU
LAKE ARTHUR
LAKE CHARLES
LAKE PEIGNEUR
LAKE SAUVAGE
LAKE BOUDRAS
LAKE CHAPLIN
LAKE SALVADOR
LAKE CHEFUNCTE
LAKE MAUREPAS
LAKE PONTCHARTRAIN
LAKE BORGNE
Longitude West from Greenwich
Shreveport
Alexandria
Natchitoches
Monroe
Ruston
Vicksburg
Natchez
Baton Rouge
New Orleans
Lake Charles
Opelousas
Thibodaux
Hammond
Covington
Bogalusa
Hattiesburg
Laurel
Meridian
Gulfport
Biloxi
Pascagoula
Pearl River
Bay St. Louis
Port Arthur
Sabine Pass
Cameron
Grand Lake
Abbeville
Franklin
Morgan City
Houma
Donaldsonville
Gretna
Algiers
Kenner
Metairie
Jefferson
Harahan
Carrollton
Lake Ponchartrain
Lake Borgne
Lake Maurepas
Lake Pontchartrain
Lake Catahoula
Lake Providence
Lake Bruin
Lake Chicot
Lake Caillou
Lake Boeuf
Lake de Rosier
Lake Verret
Lake Mermentau
Lake Arthur
Lake Charles
Lake Peigneur
Lake Sauvage
Lake Boudras
Lake Chaplin
Lake Salvador
Lake Chefuncte
Lake Maurepas
Lake Pontchartrain
Lake Borgne

LOUISIANA

Land area		45,409
Water area		3,097
Population	(Estimated)	1,843,042
White		941,086
Negro		713,874
All others		1,428
Foreign-born white	(U. S. Census 1910)	51,782
Native white		889,304
Male		450,817
Female		438,487

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

3	Abbeville	G	6
1	Albemarle	G	9
15	Alexandria	D	6
2	Amite	E	10
1	Arcadia	B	5
1	Baldwin	G	8
17	Baton Rouge	F	9
2	Berwick	C	8
2	Bogalusa	E	11
1	Bowie	G	9
1	Breaux Bridge	F	7
2	Bunkie	E	6
1	Colfax	C	5
3	Covington	F	10
5	Crowley	F	6
2	De Ridder	E	4
4	Donaldsonville	F	8
2	Eunice	E	6
4	Franklin	G	7
1	Fullerton	D	4
1	Gibsland	A	4
4	Gretna	G	10
1	Gueydan	F	6
3	Hammond	E	9
2	Homer	A	5
5	Houma	G	9
1	Independence	E	10
2	Jackson	E	8
2	Jeanerette	G	7
4	Jennings	F	5
1	Jonesboro	B	5
1	Kenner	F	10
4	Kentwood	E	9
6	La Fayette	F	7
1	Lake Arthur	F	5
14	Lake Charles	F	4
2	Lake Providence	A	8
1	Lecompte	D	6
2	Leesville	D	4
1	Lutcher	F	9
1	Madisonville	F	10
1	Mandeville	F	11
2	Mansfield	B	3
1	Marksville	D	7
1	Melville	E	7
3	Minden	A	4
13	Monroe	B	7
5	Morgan City	G	8
1	Napoleonville	G	8
8	Natchitoches	C	4
7	New Iberia	F	7
372	New Orleans	G	11
1	New Roads	E	8
5	Opelousas	E	7
3	Patterson	G	8
1	Pineville	D	6
5	Plaquemine	F	8
1	Ponchatoula	F	9
2	Rayne	F	6
1	Rayville	B	7
3	Ruston	B	6
35	Shreveport	B	3
2	Slidell	F	11
1	St. Francisville	E	8
2	St. Martinville	F	7
4	Thibodaux	G	9
1	Vidalia	C	8
2	Washington	E	6
1	Welsh	F	5
2	Westlake	F	4
1	West Monroe	B	6
2	White Castle	F	8
3	Winnfield	C	5
1	Zwolle	C	3

Population—Hundreds

8	Adeline	G	7
8	Arabi	G	11
9	Bastrop	A	7
9	Bayou Goula	F	8
6	Bayou Sara	E	8
8	Belle Alliance	F	8
8	Bernice	A	5
6	Bienville	B	4
9	Boyce	D	5
8	Bossier	A	3
7	Campti	C	4
6	Carencro	F	7
7	Clarks	B	6
9	Clinton	E	9
6	Convent	F	9
9	Cottonport	E	7
7	Delhi	B	8
7	De Quincy	F	4
8	Dodson	B	5
7	Dubach	A	5
6	Elton	F	5
8	Franklinton	E	11
9	Garyville	F	9
7	Haynesville	A	4
8	Iota	F	5
7	Jena	C	6
6	Kinder	E	5
6	Lettsworth	E	7
7	Lockport	G	10
6	McCall	F	8
7	Mansura	D	6
7	Many	C	4
6	Mathews	G	10
7	Moreauville	D	7
8	Pickering	D	4
7	Pollock	C	6
7	Ruddock	F	10
7	St. Joseph	C	8
8	Tallulah	B	8
6	Tioga	D	6
6	Ville Platte	E	6
8	Vivian	A	2
8	Wilson	E	8
8	Winnsboro	B	7

NEW ORLEANS—cont'd

Forwarding Agents & Freight Brokers.

Hegewisch A E, Whitney Central bldg....Main 5262

Forwarding Agents, Freight & Custom Brokers.

Duhn S J Shipping Co Inc The, Hennen bldg.Main 3265

Foundry Equipment.

McArdle P H, 429 Carondelet.....Main 4691

Freight Contractors.

Anglo-Oriental Shipping Co Inc, Whitney-Central bldg .....Main 829

Freight, Foreign Contrs. & Forwarders Custom Brkrs.

Duhn S J Shipping Co Inc The, Hennen bldg.Main 3265

Garnet Paper, Sand Paper & Emery Cloth.

United States Sand Paper Co (Mrs Leo Samson Rep) Hennen bldg .....Main 2381

Hides & Leather.

Lacoste Emile J, 521 Decatur.....Hemlock 318

Hoists & Derricks.

Clyde Iron Wks, 414 Carondolet.....Main 4157

Hotels.

Hotel DeSoto (Vic LeBeau), (Million Dollar Home, Rates Notably Moderate, Fireproof, Occupying Entire Square Baronne & Perdido) .....Main 4880

Planters Hotel, Daupine & Iberville.....Main 2705

Ice & Refrigerating Machine Mfrs.

Carbondale Machine Co The, Title Guar bldg.Main 1847

Import Freight Forwarders.

Duhn S J Shipping Co Inc The, Hennen bldg.Main 3265

Importers & Exporters.

Louisiana Importing & Exporting Co (Foreign & Domestic Products) 335 Decatur.....Main 2073

Iron & Steel.

Federal Tool & Alloyed Steel Corporation, Metropolitan bldg .....Main 437

Lamp Black & Blacks of all Varieties.

Martin L Co The (M T Woodward), 518 Natchez .....Main 822

Lawyers.

Harvard B M, Maison Blanche bldg.....Main 2406

Leather Belting.

Alexander Bros Leather Belting (A Baldwin & Co Ltd) Camp & Common.....Main 386

Lighting Fixtures, Electric, for All Purposes.

Reflectolyte Company The (Lyman C Reed, Distributor), 821 Union.....Main B-76

See our Catalog Space, page 969.

Lighting Fixtures for all Purposes.

Brascolite (Electrical Supply Co Distributors) 326-8 Camp .....Main 1402

See our Catalog Space, page 968.

Lumber, Mahogany.

Otis Manufacturing Co, Octavia and River.Uptown 704

Machine Tools.

McArdle P H, 429 Carondelet.....Main 4691

Machinery.

Marx A & Sons, 643 Tchoupitoulas.....Main 836

Mailing Cases.

St Louis Paper Can & Tube Co (Thomas Dunne Co), 415-417 Natchez.....Main 4083

See our Catalog Space, page 928

Mailing Tubes.

St Louis Paper Can & Tube Co (Thomas Dunne Co), 415-417 Natchez.....Main 4083

See our Catalog Space, page 928

Marine Insurance.

Anglo-Oriental Shipping Co Inc, Whitney-Central bldg .....Main 829

Molasses & Syrups.

Hearn & Jones, 1756 Tchoupitoulas..Jackson 68

New Orleans Coffee Co Ltd, 1756 Tchoupitoulas .....Jackson 68

Naval Stores.

Peabody D D (Sales Agt), Hibernia Bank bldg .....Main 3490

Office Equipment.

Monroe Calculating Machine Co, 416 Gravier .....Main 140

See our Catalog Space, page 905.

Paper Bag Mnfrs.

Advance Bag Co The, (Chas S Booker), Whitney Central bldg.....Main 1133

Piston Rings—Vapor Tight.

Baker Valve Co (Chas Gruenberg) 425 Gravier .....Main 4453

Plumbing & Heating.

Gaiennie Company Ltd, Carondelet and St Joseph .....Main 4020

Pumps.

Menge Pump & Machinery Co, Ltd, Hibernia bldg .....Main 4063

Rail & Railroad Equipment.

Marx A & Sons, 643 Tchoupitoulas.....Main 836

Real Estate.

Eisman Meyer, 722 Common.....Main 1048

Real Estate, Auctioneer.

Hufft Louis, 808 Perdido.....Main 251

Real Estate, Industrial.

Rosenberg-Rowan Co, 904 Gravier.....Main 4471

Refrigerators (Mnfrs. of All Kinds).

Leibe Wm Refrigerator Mnfty Co, 740 Poydras .....Main 2874

Rice Mills.

Rickerts' Rice Mills, 210 Girod.....Main 2458

Roofers & Roofing Material.

White A H Roofing Mnfg Co, Howard, Venus, Miro & Tonte .....Main 3915

Rosin & Turpentine.

Peabody D D (Sales Agt) Hibernia Bank bldg .....Main 3490

Safes.

Baum J Safe & Lock Co The (Coats Safe & Lock Co), 527 Carondelet.....Main 4843

Salt.

Myles Salt Co Ltd, Whitney Central bldg..Main 4248

Sand Paper, Emery Cloth & Garnet Paper.

United States Sand Paper Co (Mrs Leo Samson Rep) Hennen bldg .....Main 2381

Sash & Door Manufacturers.

National Sash & Door Co, Toulouse & Dupre .....Hemlock 264

Scrap Iron & Metals.

Marx A & Sons, 643 Tchoupitoulas.....Main 836

Ship Brokers.

Duhn S J Shipping Co Inc The Hennen bldg.Main 3265

Steamship Brokers & Agents.

Duhn S J Shipping Co Inc The, Hennen bldg.Main 3265

Steel.

Federal Tool & Alloyed Steel Corporation, Metropolitan bldg .....Main 437

Sugar Machinery.

Haubtman & Loeb Co Ltd, 618-28 Magazine.Main 1528

Tiles, Floor, Wall and Mantel Tile, Mosaic.

Ariatti Jos, Hennen bldg.....Main 2983

Trucks, Elevating.

Lewis-Shepard Co (A L Dixon Agt) c/o Gulf Motor Co.....Main 4081

NEW ORLEANS—cont'd

Turpentine & Rosin.

Peabody D D (Sales Agt) Hibernia Bank bldg .....Main 3490

Typewriters—Portable.

Corona Typewriter Company Inc, 616 Commercial pl .....Main 3185

Undertakers Supplies.

Frigid Fluid Co (M B Higgins Agt), 1308 Moss .....Hemlock 2949-W

Warehouses.

Importers Bonded Warehouse, 400 N Peters. Main 3879

SHREVEPORT

Beam Pumps.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Belting.

Gulf States Belting & Hose Co, 200 Texas .....Shreveport 98

Brokers, Merchandise.

Clinton Joseph E & Co, Continental Bank bldg .....Home-Shreveport 432

Cast Iron Pulleys 6" to 10" in Diameter.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Crown Blocks.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Drop Pit Jacks for Locomotive Round Houses.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Electric Steel Castings.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Glass Gauges, Tubing & Oil Cups.

National Glass Co Inc.....Shreveport 491

Gray Iron Castings, 1# to 10,000#.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Oil Well Drillers, Drilling Contractors.

Clark & Greer Drilling Co, City National Bank .....Shreveport 1971

Oil Well Supplies.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Oils.

Caddo Oil & Refining Co of La. Inc, Commercial National Bank bldg.....Shreveport 3700

Photographers, Commercial Engravers.

Reliance Engraving Co, 210½ Milan..Shreveport 544

Saw Mill Machinery & Supls.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Steam Engines.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce.....Home-Shreveport 679

Tanks, Mnfgrs Wood.

Jennings Cypress Tank Co, 2004 Seymour .....Shreveport 3027

Traveling Blocks.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce .....Home-Shreveport 679

Vacuum Pumps.

Henderson W K Iron Works & Supply Co The, Caddo st, Bell-Shreveport 851
Spring to Commerce .....Home-Shreveport 679

MAINE

MAINE

Land area	29,895
Water area	3,145
Population (Estimated)	774,914
White (U. S. Census 1910)	739,995
Negro	1,363
All others	1,013
Foreign-born white	110,133
Native white	629,862
Male	317,798
Female	312,064

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

2 Anson .....D 9
16 Auburn .....C 11
14 Augusta .....D 11
27 Bangor .....F 9
3 Bar Harbor ....G 10
9 Bath .....D 12
5 Belfast .....F 10
2 Berwick .....B 14
18 Biddeford .....B 13
2 Booth Bay Harbor .....D 12
6 Brewer .....F 9
2 Bristol .....D 12
2 Brownville .....F 8
5 Brunswick .....C 12
2 Bucksport .....F 10
2 Buxton .....B 13
6 Calais .....I 8
3 Camden .....E 11
5 Caribou .....G 3
2 Deer Isle .....F 11
4 Dexter .....E 8
2 Dover .....E 8
3 E. Livermore ...C 10
5 Eastport .....I 9
4 Eden .....G 10
4 Ellsworth .....F 10
3 Fairfield .....D 10
2 Fort Fairfield ...H 8
4 Fort Kent .....F 2
5 Gardiner .....D 11
3 Gorham .....C 12
2 Guilford .....E 8
3 Hallowell .....D 11
2 Hampden .....F 9
6 Houlton .....H 5
2 Island Falls ....G 5
3 Jay .....C 10
2 Jonesport .....H 10
3 Kennebunk .....B 13
2 Kennebunk, Port B 13
4 Kittery .....B 14
28 Lewiston .....C 11
4 Lisbon .....C 11
2 Lisbon Falls ...C 12
3 Livermore Falls.C 11
3 Lubec .....I 9
2 Machias .....I 9
2 Madison .....D 9
2 Mechanic Falls..C 11
2 Mexico .....B 10
3 Millinocket .....F 7
3 Milo .....F 8
2 Newport .....E 11
2 Norridgewock ..D 9
2 N. Berwick .....B 13
2 Norway .....B 11
2 Oakland .....D 10
6 Oldtown .....F 9
4 Orono .....F 9
2 Pittsfield .....E 9
64 Portland .....C 13
3 Presque Isle ....G 3
2 Richmond .....D 11
8 Rockland .....E 11
2 Rockport .....E 11
5 Rumford .....B 10
4 Rumford Corner.B 10
7 Saco .....B 13
11 Sanford .....B 13
2 Scarboro .....C 13
5 Skowhegan ....D 9
3 S. Berwick ....B 14
2 Springvale .....B 13
2 St. George .....E 11
2 Standish .....B 12
2 Stonington .....F 11
2 Thomaston ....E 11
2 Topsham .....C 12
2 Turner .....C 11
3 Van Buren .....H 2
2 Vassalboro .....D 10
2 Vinal Haven ....F 11
3 Waldoboro .....E 11
2 Warren .....E 11
13 Waterville .....D 10
2 Wells .....B 14
9 Westbrook .....B 12
2 Wilton .....C 10
3 Winslow .....D 10
2 Winthrop .....D 10
2 Yarmouth .....C 12
3 York Harbor ...B 14

PORTLAND

Belting.

Alexander Bros Leather Belting (W L Blake & Co), 79 Commercial.....Portland 3067

Boxes & Box Shooks.

Brown Company, 404 Commercial.....Portland 1228

Dumb Waiters.

Edwards & Walker Co, (Sedgwick Machine Wks Inc), Monument sq.....Portland 152
See our Catalog Space, page 043.

Fibre, Sulphite.

Brown Company, 404 Commercial.....Portland 1228

Fish, Boneless Salt, Atlantic Coast.

Lord Bros Co The, 1 Central Wharf....Portland 722

Glues.

Lord Bros Co The, 1 Central Wharf....Portland 722

Leather Belting.

Alexander Bros Leather Belting (W L Blake & Co), 79 Commercial.....Portland 3067

Marine Hardware.

Laughlin Thos Co The, 143 Fore.....Portland 252

Motor Trucks.

Autocar Sales & Service Co The (Franklin Motor Car Co), 24 Forest av.....Portland 1120

Oils, Refined Medicinal.

Lord Bros Co The, 1 Central Wharf.....Portland 722

Pipe (Fibre & Conduit).

Brown Company, 404 Commercial.....Portland 1228

Sheathing Paper.

Brown Company, 404 Commercial.....Portland 1228

Shingles, Cedar.

Brown Company, 404 Commercial.....Portland 1228

Timber, Kyanized.

Brown Company, 404 Commercial.....Portland 1228

Vegetable Butter.

Brown Company (Kream Krisp), 404 Commercial .....Portland 122

Vegetable Fat for Candy-makers.

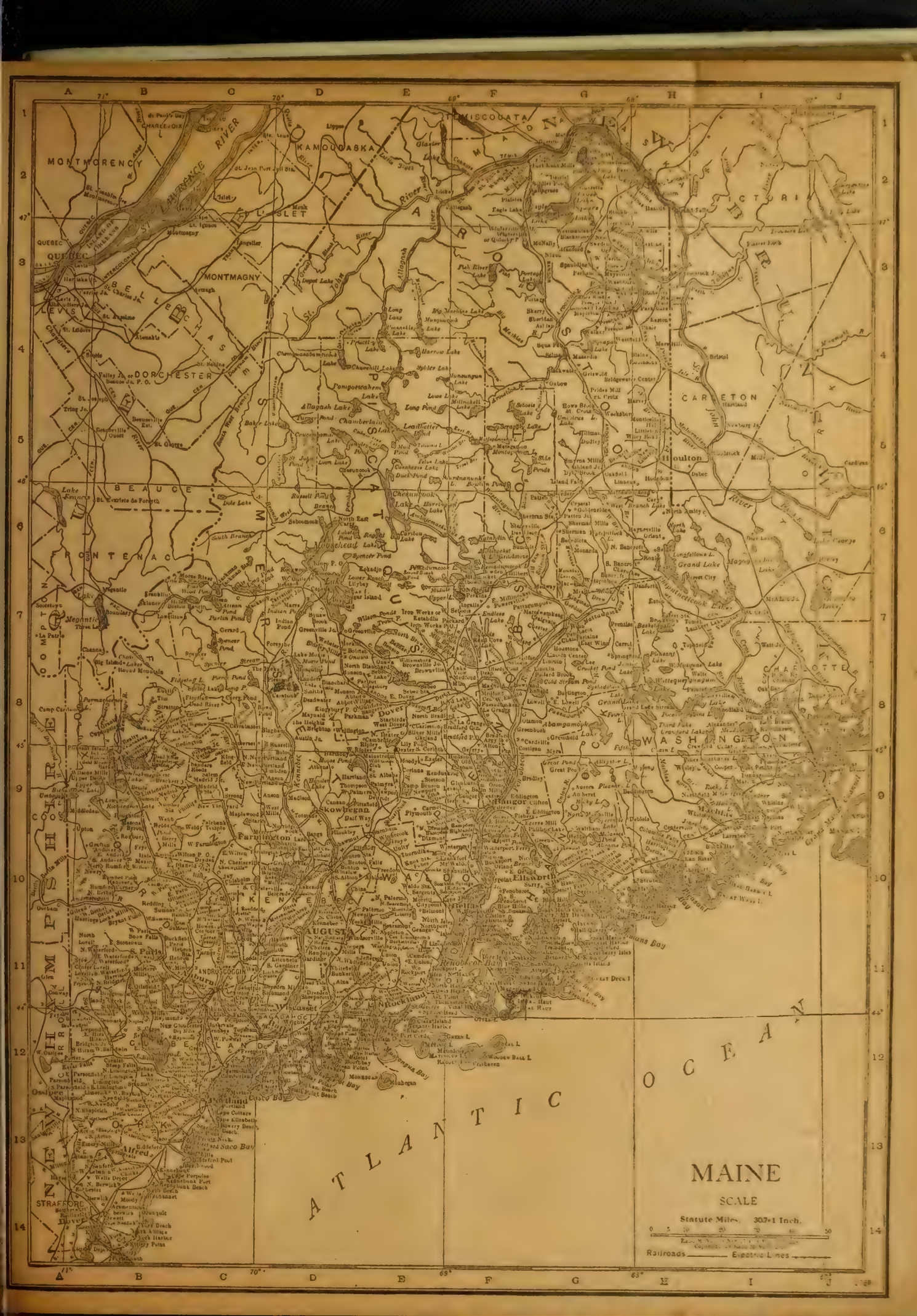
Brown Company ("Kay Kay"), 404 Commercial .....Portland 122

Wire Rope Fittings.

Laughlin Thos Co The, 143 Fore.....Portland 1

Wrapping Paper.

Brown Company (Nibroc Kraft), 404 Commercial .....Portland 12


MAINE
SCALE
Statute Miles. 30.7=1 Inch.
Railroads
Electric Lines
ATLANTIC OCEAN
QUEBEC
MONTMORENCY
KAMOURASKA
TEMISCOUATA
MONTMAGNY
DORCHESTER
BEAUCE
FRONTENAC
CARLETON
WASHINGTON
AUGUSTA
Bangor
Ellsworth
Rockland
Portland
Lewiston
Farmington
Dover
Moosehead Lake
Chesuncook Lake
Allagash Lake
Chamberlain Lake
Grand Lake
Houlton
Bristol
Mars Hill
Eastport
Calais
Machias
Bucksport
Belfast
Camden
Rangeley
Kennebunk
Alfred
Saco Bay
Casco Bay
Penobscot Bay
Frenchman Bay
Passamaquoddy Bay
Moosehead Lake
Mount Katahdin
Mount Desert Island
Grand Manan
Deer Isle
Vinalhaven
Matinicus Rock
Monhegan Island
Boon Island
Cape Elizabeth
Cape Cottage
Cape Porpoise
Kennebunk Beach
Wells Beach
Ogunquit
Old Orchard Beach
Pemaquid Point
Seguin Island
Cape Ann
Cape Cod
Nantucket Sound
Block Island
Long Island
Gulf of St. Lawrence
St. Lawrence River
Kennebec River
Penobscot River
Androscoggin River
Saco River
Aroostook River
St. John River
Allagash River
Moose River
Dead River
Sebago Lake
Moosehead Lake
Chesuncook Lake
Allagash Lake
Chamberlain Lake
Grand Lake
Mount Katahdin
Mount Desert Island
Grand Manan
Deer Isle
Vinalhaven
Matinicus Rock
Monhegan Island
Boon Island
Cape Elizabeth
Cape Cottage
Cape Porpoise
Kennebunk Beach
Wells Beach
Ogunquit
Old Orchard Beach
Pemaquid Point
Seguin Island
Cape Ann
Cape Cod
Nantucket Sound
Block Island
Long Island
Gulf of St. Lawrence
St. Lawrence River
Kennebec River
Penobscot River
Androscoggin River
Saco River
Aroostook River
St. John River
Allagash River
Moose River
Dead River
Sebago Lake

MARYLAND
AND
DELAWARE
SCALE
Statute Miles. 18=1 Inch.
Railroads
Steam and Electric Lines
Electric Lines
Baltimore
Annapolis
Frederick
Cumberland
Salisbury
Easton
Cambridge
Princess Anne
Snow Hill
Chestertown
Centerville
Denton
Georgetown
Leonardtown
Rockville
Ellicott City
Towson
Westminster
Bel Air
Elkton
Cecilton
Bridgeton
Dover
Mooresfield
Romney
Winchester
Charlestown
Leesburg
Berryville
Fairfax
Mt. Vernon
Gettysburg
Chestertown
Cape Henlopen
Deep Water Pt.
Egg Island Pt.
Point Lookout
Point Look-in
Cornfield Harbor
Smith Island
Rhodes Point
Tangier Sound
Chesapeake Bay
Delaware Bay
Atlantic Ocean
Potomac River
Susquehanna River
Delaware River
Chesapeake Bay
KING GEORGE
King George
Raand McNally's 11 x 14 Map of Maryland and Delaware
Copyrighted by Raand McNally & Co

MARYLAND

MARYLAND

Land area		9,941
Water area		2,386
Population	(Estimated)	1,368,210
White	(U. S. Census 1910)	1,062,639
Negro		232,250
All others		457
Foreign-born white		104,174
Native white		958,465
Male		644,225
Female		651,121

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands			
9	Annapolis	G	17
2	Arlington	D	15
590	Baltimore	D	15
1	Barton	K	5
1	Bel Air	B	18
1	Berlin	L	27
4	Brunswick	D	7
6	Cambridge	J	19
2	Catonsville	D	14
1	Centerville	F	19
1	Chesapeake City	B	22
3	Chestertown	E	21
2	Cockeysville	C	15
3	Crisfield	O	22
26	Cumberland	J	7
2	Deal Island	M	21
1	Deer Park	L	3
1	Delmar	K	24
1	Denton	H	21
3	Easton	H	20
2	Eckhart Mines	J	7
2	Elkton	B	22
1	Ellicott City	D	14
1	Emmitsburg	A	10
1	Federalsburg	I	23
11	Frederick	C	9
6	Frostburg	J	5
26	Hagerstown	A	7
4	Havre de Grace	B	20
2	Hyattsville	G	13
2	Laurel	F	14
2	Lonaconing	K	5
1	Midland	J	5
2	Mount Savage	J	6
1	North East	B	21
1	Oakland	L	2
1	Oxford	I	19
2	Pocomoke City	N	25
1	Port Deposit	B	20
1	Princess Anne	M	24
1	Rockville	F	11
7	Salisbury	K	25
1	Sharpsburg	C	7
2	Snow Hill	M	26
2	St. Michaels	H	18
3	Western Port	K	5
3	Westminster	B	12
2	Williamsport	B	5

BALTIMORE

Accountants, Certified Public.
Hatter Elmer L, Munsey bldg.....St Paul 4037
Hehl, Kuchler & Wooden, Calvert bldg...St Paul 4099

Acid, Sulphuric.
Davison Chemical Co, Garrett bldg.....St Paul 7040

Adamas.
Maryland Quartz Co (The only mfrs of Gray Adamas), 10 E Lexington.....St Paul 1823

Adding Machines.
Monroe Calculating Machine Co, Munsey bldg. .....St Paul 3416
See our Catalog Space, page 905.

Addressing Machines.
Addressograph Co, (L K Murrill Dist Mgr) 7 E German .....St Paul 6717
See our Catalog Space, page 907.

Advertising Agencies.
Moffet-Lynch Adv. Co, (E C Palmer, Pres), 7 E German.....St Paul 2026

Air Compressors Electric.
Black & Decker Mfg Co The, 105-15 S Calvert .....St Paul 894

Autographic Registers & Roll Printers.
Egry Register Co The (H L Betts, Sales Agt), Equitable bldg.....St Paul 4236

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Walger Awning Co, (B W Burch, Agt), 123 E Fayette.....St Paul 3015

Babbitt Metals.
Union Smelting & Refining Co Inc, se cor Howard & Ostend.....South 1230
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Bags (New and Used).
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Bars for Reinforced Concrete.
Dietrich Bros, Pleasant and Davis.....Mt Vernon 980

Battery Acid.
Davison Chemical Co, Garrett bldg.....St Paul 7040

Belting.
Alexander Bros Leather Belting, (H E Crook Co), 28 Light.....St Paul 510

Blast Pipes.
Vaile & Young, Calvert and Beaufort.....St Paul 4713

Bolt Threading Machinery.
Detrick & Harvey Machine Co, 508 E Preston .....Mt Vernon 72

Bolts, Buts, Brass, Copper, Bronze, German Silver.
Hungerford U T Brass & Copper Co, se cor Lombard and South.....St Paul 7777

Bonds, Guarantee.
National Surety Co, (Max Ways, Genl Agt), Union Trust bldg.....St Paul 3888

Bonds, Surety.
National Surety Co, (Max Ways, Genl Agt), Union Trust bldg.....St Paul 3888

Boxes, Wooden.
Southern Can Co, 717 S Wolfe .....Wolfe 1982

Brass Checks & Badges.
Dorman J F W Co The, 526 N Calvert..Mt Vernon 6012

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Hungerford U T Brass & Copper Co, se cor Lombard and South.....St Paul 7777

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American Bridge Company, Continental Trust bldg .....St Paul 99

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Hungerford U T Brass & Copper Co, se cor Lombard and South.....St Paul 7777

Builders Supplies.
Pen-Mar Co Inc, Monroe and Lorman....Madison 3872

Buildings, Portable Galvanized Steel.
Pruden C D Co The, Warner and Dock.....South 596
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Lucke Badge & Button Co, 1826 N Fulton av. .....Madison 706

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American Can Co, Packers Can Dept (Cans for Packers) Maryland & Trust bldg..St Paul 5880
Southern Can Co, 717 S Wolfe.....Wolfe 1982

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Hooper Wm E & Sons Co, 3502 Parkdale av .....Madison 570

Canvas Sacks.
Hooper Wm E & Sons Co, 3502 Parkdale av. .....Madison 570

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Central Foundry Co The, Dundalk.....Wolfe 73
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Castings, Gray Iron.
Central Foundry Co The, Dundalk.....Wolfe 73
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Alpha Portland Cement Co, Builders Exchange .....St Paul 1633
Giant Portland Cement Co, American bldg.St Paul 3445

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Wiley & Co Inc, 7 S Gay st.....St Paul 5182

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Ford J B Co The, Maryland Trust bldg..St Paul 3056

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Universal Specialty Co, Knickerbocker bldg.....

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Richmond Screw Anchor Co, (Henry H Meyer Co), 110 S Howard.....St Paul 4151

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Raymond Concrete Pile Co, Munsey bldg..St Paul 7074

Concrete Form Ties for Concrete.
Richmond Screw Anchor Co, (Henry H Meyer Co), (Tyscru), 110 S Howard.....St Paul 4151

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Concrete Reinforcing Materials.
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Baltimore Pearl Hominy Co ("Betterkorn" Flour-Meal-Grits, "Spring Garden" Brand Animal Feeds), Howard and Ostend.....South 910

Cotton Duck.
Hooper Wm E & Sons Co, 3502 Parkdale av .....Madison 570

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Cassard, Miron S & Co, (Percy E Cassard), 205 W Lombard.....St Paul 3845

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Vaile & Young, Calvert and Beaufort.....St Paul 4713

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Oles Envelope Co The, 514 E Lombard....St Paul 2920

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Fertilizer Material, Sodium Silica Fluoride.
Davison Chemical Co, Garrett bldg.....St Paul 7040

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American Can Co, Packers Can Dept (Cans for Packers) Maryland Trust bldg....St Paul 5880

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Central Foundry Company The, "Lynn", Dundalk .....Wolfe 73
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Central Foundry Co The, Dundalk .....Wolfe 73
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Central Foundry Co The, Dundalk.....Wolfe 73
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German Silver, Sheet, Rod Wire & Tube.
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Dickinson Albert Seed Co The, Marine Bank bldg .....St Paul 4075

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Shepard Electric Crane & Hoist Co (Maryland Equipment & Supply Co, Agts), Equitable bldg.....St Paul 2518
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Alexander Bros Leather Belting (H E Crook Co), 28 Light.....St Paul 510

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Milburn Alexander Co The, 1420 W Baltimore .....Gilmore 3640
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Central Foundry Company The, Dundalk..Wolfe 73
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Vaile & Young, Calvert and Beaufort.....St Paul 4713

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Stanley Manufacturing Co The (Luther E Martin Co, Agt), Equitable bldg.....St Paul 2617

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Crowe Name Plate & Engraving Co, (G R Pray & Co, Agts), American bldg.....St Paul 3356

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Dietrich Bros, Pleasant & Davis.....Mt Vernon 980

Packers, Shippers, Movers & Storage of Household Gds.
Security Storage & Trust Co, 13-19 W North av .....Mt Vernon 230
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Advance Bag Co The, (L K Mallinckrodt, Agt), 115 Commerce.....St Paul 2460

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Whitaker Paper Co The, Smith Dixon Co, Division, 415 Guilford av.....Mt Vernon 3660

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Hungerford U T Brass & Copper Co, S E cor Lombard and South.....St Paul 7777

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Raymond Concrete Pile Co, Munsey bldg.St Paul 7074

Piling.
Hoskins J S Lumber Co, Maryland Casualty Tower .....St Paul 7097

Pipe Lead—Tin Pipe.
Union Smelting & Refining Co Inc, se cor Howard & Ostend.....South 1230
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Maryland Quartz Co, (For all filtering and abrasive purposes) 10 E Lexington...St Paul 1823

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Rose Rat Exterminator Co (Jacob Morris, Mgr), 405 N Eutaw.....Mt Vernon 1456

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Hungerford U T Brass & Copper Co, S E cor Lombard and South.....St Paul 7777

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Dickinson Albert Seed Co The, Marine Bank bldg .....St Paul 4075

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Skylights, Puttyless.
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Structural & Ornamental Iron.
Dietrich Bros, Pleasant & Davis.....Mt Vernon 980

Structural Steel.
American Bridge Co, Continental Trust bldg. .....St Paul 99

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Davison Chemical Co, Garrett bldg.....St Paul 7040

Surety Bonds.
National Surety Co, (Max Ways, Genl Agt), Union Trust bldg.....St Paul 3888

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Vaile & Young, Calvert & Beaufort.....St Paul 4713

Tanks, Mnfrs Sheet Iron, Copper & Tin.
Vaile & Young, Calvert & Beaufort.....St Paul 4713

Tanks, Steel.
Vaile & Young, Calvert & Beaufort.....St Paul 4713

Tanks (Wood) and Steel Towers.
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Tin Can Manufacturers.
Federal Tin Co Inc, 11 E Barre.....St Paul 4598

Tin Plate.
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Tin Specialties.
Ammidon & Company, 31 S Frederick.....St Paul 470

Tobin Bronze, Rods, Sheets, Etc.
Hungerford U T Brass & Copper Co, S E cor Lombard and South.....St Paul 7777

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Hungerford U T Brass & Copper Co, S E cor Lombard and South.....St Paul 7777

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 213-215-217 North av .....St Paul 3092
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Union Smelting & Refining Co Inc, se cor Howard & Ostend.....South 1230
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Central Foundry Co The, Dundalk.....Wolfe 73
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Milburn Alexander Co The, 1420 W Baltimore .....Gilmore 3640
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Wire Manufacturers.
American Steel & Wire Co, 32 S Charles..St Paul 944

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CUMBERLAND

Shafting (Turned & Grnd).
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FREDERICK

Castings—Semi Steel & Gray Iron.
American Foundry & Mfg Co, 100-108 W South .....Frederick 578

Machinery—Special.
American Foundry & Mfg Co, 100-108 W South ..... Frederick 578

FROSTBURG

Fire Brick.
Savage Mountain Fire Brick Co, 35 Bowery .....Frostburg 212

HAGERSTOWN

Metal Cleaning Equipments.
Pangborn Corporation, P O Box 853..Hagerstown 100

Metal Work—Architectural & Ornamental.
Danzer Metal Wks, Lee and South....Hagerstown 1818

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Pangborn Corporation, P O Box 853..Hagerstown 100

WESTMINSTER

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MASSACHUSETTS
VERMONT
NEW HAMPSHIRE
CONNECTICUT
RHODE ISLAND
ATLANTIC OCEAN
MASSACHUSETTS BAY
CAPE COD BAY
NANTUCKET SOUND
BLOCK ISLAND SOUND
BOSTON
ENVIRONS OF BOSTON.
SCALE OF MILES.
SCALE
Statute Miles, 18.7 = 1 Inch.
Rand, McNally's New 11 x 14 Map of Massachusetts.
Copyright by Rand McNally & Co.
2828

MASSACHUSETTS

MASSACHUSETTS

Land area		8,039
Water area		227
Population	(Estimated)	3,747,564
Male	(U. S. Census 1915)	1,813,713
Female		1,879,597
White		3,321,926
Negro		38,055
All others	(U. S. Census 1910)	3,435
Foreign-born white		1,051,050
Native white		2,273,876

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10	Amesbury	A 11	7	Maynard	C 9
6	Amherst	C 4	26	Medford	C 10
8	Andover	B 10	17	Melrose	C 10
13	Arlington	C 10	14	Methuen	B 10
10	Athol	B 5	9	Middleboro	E 11
19	Attleboro	E 9	14	Milford	D 8
5	Barnstable	F 13	9	Milton	C 10
8	Belmont	C 10	8	Montague	B 4
22	Beverly	B 11	10	Natick	C 9
6	Blackstone	D 8	7	Needham	C 10
756	Boston	C 10	118	New Bedford	F 11
9	Braintree	H 4	15	Newburyport	A 11
9	Bridgewater	D 11	44	Newton	C 10
67	Brockton	D 10	22	North Adams	B 2
33	Brookline	C 10	20	Northampton	C 4
113	Cambridge	C 10	6	North Andover	B 10
6	Canton	D 10	11	North Attleboro	E 9
5	Chelmsford	B 9	10	Northbridge	D 8
46	Chelsea	C 11	10	Norwood	D 10
29	Chicopee	D 4	9	Palmer	D 5
7	Chicopee Falls	D 4	18	Peabody	B 11
13	Clinton	C 8	39	Pittsfield	C 1
7	Concord	C 9	14	Plymouth	E 12
10	Danvers	B 11	38	Quincy	C 11
5	Dartmouth	F 11	5	Randolph	D 10
10	Dedham	D 10	7	Reading	B 10
10	Easthampton	C 4	23	Revere	F 4
5	Easton	D 10	7	Rockland	D 11
39	Everett	C 10	48	Salem	B 11
6	Fairhaven	F 11	10	Saugus	E 5
128	Fall River	F 10	87	Somerville	C 10
42	Fitchburg	B 7	14	Southbridge	D 6
16	Framingham	C 9	6	Spencer	C 6
6	Franklin	D 9	106	Springfield	D 4
17	Gardner	B 7	8	Stoneham	C 10
25	Gloucester	B 12	7	Stoughton	D 10
6	Grafton	D 8	7	Swampscott	C 11
7	Great Barrington	D 1	36	Taunton	E 10
12	Greenfield	B 4	13	Wakefield	B 10
49	Haverhill	A 10	6	Walpole	D 10
5	Hingham	D 11	31	Waltham	C 9
65	Holyoke	D 4	9	Ware	C 6
7	Hudson	C 8	15	Watertown	C 10
	Hyde Park, Pop. incld in Boston	D 10	13	Webster	D 7
6	Ipswich	B 11	6	Wellesley	C 9
101	Lawrence	B 10	6	Westboro	C 8
5	Lee	C 2	18	Westfield	D 3
21	Leominster	B 7	11	West Springfield	D 4
6	Lexington	C 9	14	Weymouth	D 11
113	Lowell	B 9	8	Whitman	D 11
6	Ludlow	D 5	6	Winchendon	B 6
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			163	Worcester	C 7

ATHOL

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Artificial Leather.

Athol Manufacturing Co.....Athol 330

Pneumatic Goods, Mattresses & Cushions.

Athol Manufacturing Co.....Athol 330

AYER

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Harding Uniform & Regalia Co The.....Ayer 153

BOSTON

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Inston George Inc, (Consulting & Public Accountants, Specialist on Federal, State & Municipal Tax Returns), 157 Federal.Fort Hill 14

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Davis-Bournonville Co, 141 Milk.....Fort Hill 4763
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Adding Machines.

Monroe Calculating Machine Co, John Hancock bldg, 200 Devonshire.....Fort Hill 4385
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Batten George Company Inc, 10 State...Fort Hill 3906
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Endura Mfg Co (John D Young & Sons Co), 39 Lincoln.....Beach 357

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Boston Artificial Limb Co, 226 Tremont...Beach 1599
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Autographic Registers & Roll Printed Stationery.

K & B Register Co, (J J Sheehy, Mgr), 15 Federal.....Main 52532

Autographic Registers & Roll Printers.

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Jewel Tractor & Truck Co The, 121 Dedham .....Beach 4275
See our Catalog Space, page 951.

Automobiles, Used.

Hub City Motors Co, 18 Columbus av.....Beach 937

Awnings.

American Awning & Tent Co, 236 State.Richmond 1575
Blanchard William Co, 168 State.....Richmond 217
Hoyt George T Co, 52 South Market...Richmond 1615
Nickerson L, 173 State.....Richmond 986
Tripsly & Co, 165 Milk .....Main 2242
Walger Awning Co, (E A Baker, Agt), 17 Pearl.....Fort Hill 3933

Awnings & Tents.

Dearborn H F, 110 Portland.....Haymarket 287

Babbitt Metals.

Richards & Co Inc, 200 Causeway.....Richmond 357

BOSTON—continued

Badges, Ribbon, Gold & Silver Stampings.
Cammall Badge Co, 339 Washington.....Main 4421

Bakers' Ovens, Brick.
Cline H E Oven Co, 43 Tremont.....Haymarket 2423

Baling Presses.
Davenport Mfg Co, (E M Burnham, Representative), 161 Devonshire .....Fort Hill 3861

Ball Bearings.
Ahlberg Bearing Co, 93 Massachusetts av.Back Bay 2699
Bilodeau Ball Bearing Works Inc, 66 Stanhope .....Back Bay 5583
Standard Roller Bearing Co, 163 Mass av.Back Bay 3300

Ball Bearings for Power Transmission.
Transmission Ball Bearing Co, 624 Main, Cambridge .....Cambridge 252
See our Catalog Space, page 920.

Ball Bearings Reground & New, All Makes & Special.
Ahlberg Bearing Co, 93 Massachusetts av Back Bay 2699

Bank Stationers, Lithographers.
Dangel Harry Bank Note Co, 44 Federal Main 4616
.....Main 642

Bars for Re-Inforced Concrete.
Corrugated Bar Co, 220 Devonshire.....Fort Hill 4282
Harvey Arthur C, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Belt Dressing.
Commercial Chemical Co, (X L N C Belt Filler) 212 Essex .....Beach 276

Belting.
Alexander Bros, Leather Belting (Lewis E Tracy Co), 127 Broad.....Fort Hill 1836

Belting, Leather, Rubber, Balata & Canvas.
Carton Belting Company, 52 Everett.....Brighton 58

Bias Bindings and Tapes.
Bias Narrow Fabric Company The, 70 Kilby .....Fort Hill 647

Billiard Tables & Supplies.
Briggs Oliver L & Sons, 66 Essex.....Beach 891

Bindings—Bias.
Omo Mfg Co (De Graff & Palmer) 67 Chauncy .....Beach 380

Bindings and Tapes.
Barton F C (Specialist in narrow fabrics, every description), 70 Kilby.....Fort Hill 647

Biological Supplies.
Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

Blacking Manufacturers.
S & F Blacking Co, 258 Purchase.....Fort Hill 1531

Blowers & Exhaust Fans, Mfrs.
Ng Electric Ventilating Co, 136 Federal.Fort Hill 6454

Blue & Black Prints.
Associated Architects Printing & Supply Co, (Gelthe Reproduction Process on Tracing Cloth), 144 Congress.....Fort Hill 4013

Blue Prints & Blue Print Paper.
Modern Blue Print Co, 39 Court.....Fort Hill 65

Blue Print Machine Mnfrs.
Revolute Machine Co (B L Makepeace, Agt) 387 Washington .....Fort Hill 2372

Boiler Compound.
Bird-Archer Co The, 7 Water.....Fort Hill 2745

Boiler Tubes.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Boilers & Accessories, Second Hand & New.
Ellis A Lee, 141 Milk.....Fort Hill 1994

Bolts, Nuts, Brass, Copper, Bronze, German Silver.
Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

Bonds & Stocks.
Brooks P W & Co Inc, 95 Milk.....Main 7454

Bookbinders' Board Mfrs.
White Son Co, 530-540 Atlantic av....Main 196-197

Bookbinders' Supplies.
White Son Co, 530-540 Atlantic av....Main 196-197

Boot & Shoe Findings.
Bliss Wm B Jr & Co (Shoe laces, bias bindings, webs, ribbons, stays, trimming, cut cloths, cotton imitation leather) 68 Essex.....Beach 4205

Bottle Packing.
Boston Excelsior Co, 26 Canal.....Haymarket 158

Box Shooks Tying Machn'ry.
Gerrard Wire Tying Machines Co, (Gerrard Method), 141 Milk.....Main 529

Box Strapping, Soft Wire.
Gerrard Wire Tying Machines Co, (Gerrard Method), 141 Milk.....Main 529

Boxes, Manufacturers.
New England Box Co The, (Largest Exclusive Manufacturers of Lock Cornered Wooden Boxes in the United States), 294 Washington .....Main 4568

Braids.
Barton F C, 70 Kilby.....Fort Hill 647

Brass, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Brass Signs.
Brink C I Inc, 24 Gold.....So Boston 91
Hanson Charles M, 323 Tremont.....Beach 6579

Bridges, Steel.
American Bridge Company, John Hancock bldg. .....Main 5966

Bronze, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Bronze Signs, Letters, Tablets.
Brink C I Inc, 24 Gold.....So Boston 91

Bronze Work, Ornamental & Architectural.
Tyler W S Company The, 68 Devonshire.Fort Hill 2667

Building Materials.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Building Reports.
Dodge F W Co, 114 Federal.....Main 6795

Building Wreckers.
Swift-McNutt Company, 70 Devonshire.Fort Hill 5805

Buildings, Portable Galvanized Steel.
Pruden C D Co The (H C Langille) 95 Hunt av .....Back Bay 3638
See our Catalog Space, page 926.

Burlap Barrel Covers.
Casey William H, 69 Atlantic av.....Richmond 942

Burlap & Burlap Bags.
Chase H & L, 267 Atlantic av.....Main 649

Business Colleges.
Alexander Hamilton Institute, 14 Federal .....Fort Hill 3608-09
See our Catalog Space, page 927.
Burdett College, 18 Boylston.....Beach 1765

Calculating Machines.
Monroe Calculating Machine Co, John Hancock bldg, 200 Devonshire .....Fort Hill 4385
See our Catalog Space, page 905.

Cans.
American Can Co of Mass, 9 Binford.....Main 4872
National Can Company, 36 Washington, North .....Richmond 467
New Can Co The, 91 Fulton.....Main 504

Carpets.
Roxbury Carpet Co, 100 Summer.....Fort Hill 6220

Carton Sealing & Wrapping Machines (Automatic).
National Packaging Machinery Co, 172-180 Green, Jamaica Plain.....Jamaica 420

Cast Iron Pipe.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Castings, Gray Iron.
Central Foundry Co The, 105 Cummings..Roxbury 1310
See our Advertisement Outside Back Cover.

Castings, Gray Iron and Brass.
Wood John Mfg Co, 32 Dorchester av..So Boston 480

Cement Mnfrs.
Alpha Portland Cement Co, Board of Trade bldg .....Fort Hill 1750
Coplay Cement Mfg Co, 453 Washington..Beach 3424
Giant Portland Cement Co, Compton bldg, 161 Devonshire .....Main 4035
Lehigh Portland Cement Co, 6 Beacon.Haymarket 1013

Chains, Silent.
Morse Chain Co, 141 Milk.....Fort Hill 1140

Chemical Apparatus.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Chemical Apparatus, Driers, Digesters, Agitators, Etc.
Wood John Mfg Co, 32 Dorchester av..So Boston 480

Chemical Apparatus & Supplies.
Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 470

Chemicals.
Katzenbach & Bullock Company, 53 State..Main 186

Chemicals & Pigments.
Frothingham Chas R, 10 High.....Fort Hill 521

Chimney Builders (Radial Brick).
Bergen & Lindeman Inc, 141 Milk.....Main 6255

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, 101 Tremont.....Fort Hill 2158

Clocks.
Howard E Clock Co The, 373 Washington...Main 643

Coats & Aprons (White Duck) Mnfrs.
Gordon Supply Co The, 587 Albany.....Beach 5560

Coins & Postage Stamps.
Hesslein Wm, 101 Tremont.....Main 1609-W

Collars, Cleanable.
Arlington Company, 84-86 Essex.....Beach 3049

Collecting Agencies.
Brundage C W, 53 State.....Fort Hill 4254
Schwartz Adolph M, ("A law office specializing in collections and commercial litigation everywhere. Offices: New York, Chicago, Cleveland, Detroit, Pittsburgh and Atlanta"), 18 Tremont.....Fort Hill 3670

Collecting Agencies & Mercantile Adjustments.
Credit Protective Association, (Bonded by the State. Collections everywhere), 73 Tremont .....Haymarket 863

Concrete Construction.
Raymond Concrete Pile Co, Exchange bldg .....Fort Hill 4276
Tucker Edward A Co, 683 Atlantic av.....Beach 4670

Concrete Mixers.
Archer Iron Works, (Perrin Seamans & Co Agts) 57 Oliver.....Main 909
Koehring Machine Company, (F O Johnson), 141 Milk .....Ft Hill 4174
Lansing-Company, 78 Cambridge.....Charlestown 1370

Concrete Piles.
MacArthur Concrete Pile and Foundation Company, 185 Devonshire.....Main 1338
Raymond Concrete Pile Co, 316 Exchange bldg .....Fort Hill 4276

Concrete Reinforcement.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.
Tucker Edward A Co, 683 Atlantic av.....Beach 4670

Concrete Re-Inforcing Bars & Mesh.
Corrugated Bar Co, 220 Devonshire.....Ft Hill 4282

Confectioners Manufacturing.
New England Confectionery Co, 258 Summer.Main 6535

Contractors' Equipment.
Bond Harold L Company, 383-391 Atlantic av. .....Fort Hill 2760

Contractors, General.
Bishop J W Co, 683 Atlantic av.....Beach 453
Banister A W Co, (Kindling wood, grain, fertilizer, or other loose materials loaded to freight cars), 421 Dorchester av...So. Boston 696

Conveyors, Pneumatic.
Allington & Curtis Mfg Co The, 706 E 2dSo Boston 580

Copper Expansion Joints.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Copper Hot Water Boilers.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Copper in Rolls and Sheets.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Copper, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

Copper Steam—Jacketed Kettles.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Coppersmiths.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Cordage.
Samson Cordage Works, 88 Broad.....Fort Hill 1608

Corporate Financing.
Brooks P W & Co Inc, 95 Milk.....Main 7454

Corset Materials.
Barton F C, 70 Kilby.....Fort Hill 647

Cotton Duck.
American Awning & Tent Co, 286 State.Richmond 1575

Cotton Goods, Commission Merchants.
Cassard Miron S & Co, (W K Mitchell), 31 Bedford .....Beach 2808

Cotton Machinery.
Woonsocket Machine & Press Co, 100 Summer .....Fort Hill 6220

Covers, Wagon.
Nickerson L, 173 State.....Richmond 986

Covers, Waterproof.
Hoyt George T Co, 52 South Market ..Richmond 1615

Cranes.
Northern Engineering Works (Daniel Hurley & Co), 201 Devonshire.....Main 845

Cranes (Electric).
Shepard Electric Crane & Hoist Co (Cutter & Ward Supply Co, Agts), 70 Pearl....Main 4120
See our Catalog Space, pages 987 & 959.

Culverts, Cast Iron.
Donaldson Iron Co (Chas F Glavin) 24 Milk st .....Main 1795

Cut Soles, Taps, Toplifts, Etc
Thayer N F & Co Inc, 57 Kneeland.....Beach 4418

Degras.
Montgomery W L & Co, 10 High..... Main 971

Detective Agencies.
Burke P J, Detective Agency, 29 Central .....Fort Hill 2085
Burns Wm J, International Detective Agency, The Inc, Boston Safe Deposit & Trust Co bldg .....Fort Hill 4930
See our Catalog Space, page 938.
Morgan Detective Agency, 120 Boylston....Beach 1717
Ray Detective Agency & Merchant's Secret Service Inc, 100 Boylston.....Beach 355
Sherman Detective Agency Inc, 10 State..Fort Hill 2687
Washington Detective Bureau, Inc, 400 Boylston ..... Back Bay 9060
See our Catalog Space, page 939.
Watts Detective Agency Inc, 407 Old South bldg .....Fort Hill 3545
Wood James R, Detective Agency Inc (Pioneer Detective Agency of New England, Established 1879, Day & Night Telephone), 61 Court .....Fort Hill 2022

Dictaphones.
Columbia Graphophone Co, 187 Federal..Fort Hill 165

Die Heads (Self Opening & Adjustable).
Geometric Tool Co The (Hill, Clark & Co Inc, Rep) 156 Oliver.....Main 4438

Dies.
Boston Cutting Die Co, 202 A.....S. Boston 919-W

Directory Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Kimball bldg.....Main 4149

Disinfectant.
Rumpf W A (Manufacturers, Sulpholia), 157 Federal.....Main 1500

Distilling Apparatus.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Divers.
Sullivan & Whelton, 18 North Market...Richmond 1792

Docks—Builders.
Raymond Concrete Pile Co, Exchange bldgFort Hill 4276

Dress Shields—All Kinds.
Omo Mfg Co (DeGraff & Palmer) 67 Chauncy .....Beach 380

Dry Colors.
Frothingham Chas R, 10 High.....Fort Hill 5214

Dry Goods.
Chandler & Co Inc, 150 Tremont.....Beach 1700

Dust Collector & Blow Piping.
Banister A W Co, 421 Dorchester.....So. Boston 696

Dye Stuffs.
Dunker & Perkins, 287 Atlantic av.....Fort Hill 4151

Education.
Alexander Hamilton Institute, 14 Federal.Fort Hill 3608
See our Catalog Space, page 927.

Elastic Hosiery.
Fuller Geo R Co, 17 Bromfield.....Main 4503

Electric Clocks, Self-winding & Program.
Howard E Clock Co The, 373 Washington...Main 643

Electric Lighting Fixtures for All Purposes.
Brascolite (Lewis Electrical Supply Co, Distributors), Federal .....Main 7430
See our Catalog Space, page 968

Electric Motors.
Bodine Electric Co, 127 Federal.....Fort Hill 2054

Electric Signs.
Brink O I Inc, 24 Gold.....So Boston 91

Electrical Construction & Installations.
Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

Electrical Goods.
Pettingell-Andrews Co, 511 Atlantic av..Fort Hill 4200
Stuart-Howland Co, Congress and PurchaseFort Hill 3400

Electrical Machinery (New & Second Hand).
Ellis A Lee, 141 Milk.....Fort Hill 1994

Electrical Machinery & Repairs.
Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

Electrical Merchandise.
Lewis Electrical Supply Co, Federal.....Main 7430

Electrical Repair Shops.
Blake Electric Mfg Co, 1 Rowes Wharf..Fort Hill 1481

Electrical Supplies.
Wahn George H Co, 69-71 High.....Fort Hill 430

BOSTON—continued

Elevating Trucks.
Lewis-Shepard Company, 48 Binford....Fort Hill 1368

Emery Cloth, Sand Paper & Garnet Paper.
United States Sand Paper Co, (E F Russ, Rep), 201 Devonshire.....Fort Hill 6051

Engineering Specialties, Steam & Water.
d'Este Julian Company, Steam & Water Pressure Regulators & Steam Traps. Illustrated Catalog on request, 26 Canal .....Haymarket 402

Engrossers.
Martin Diploma C, (Penwork Certificates. "Engrossers for Harvard University"), 338 Washington .....

Evaporators.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Excelsior.
Boston Excelsior Co, 26 Canal.....Haymarket 158

Executive Training.
Alexander Hamilton Institute, 14 Federal.....Fort Hill 3608 Fort Hill 3609
See our Catalog Space, page 927.

Expanded Metal.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Exporters, General.
United States Exports Limited, Exchange bldg. .....Fort Hill 2233

Exterminators.
Modern Exterminator Co The, 2 Park sq..Beach 666

Face Veils.
Hartmann Bros Inc, 641 Atlantic av.....Beach 6980

Factories & Factory Sites.
Welsh Willard Realty Co, 15 Exchange....Main 7153

Factory Brokers.
Factory Exchange, 294 Washington.....Fort Hill 3456

Factory Supplies.
Armstrong G R Mfrs Supplies, 257 Franklin .....Fort Hill 1182

Fans, Blowers & Exhausters, Mfrs.
Ilg Electric Ventilating Co, 136 Federal.Fort Hill 6454

Fans, Electric Exhaust & Blowers.
Diehl Mfg Co, 201 Devonshire .....Main 5397

Fans & Dust Collectors.
Allington & Curtis Mfg Co The, 706 E 2dSo Boston 580

Farm Tractors.
Jewel Tractor & Truck Co The, 121 Dedham .....Beach 4275
See our Catalog Space, page 951.

Felt.
American Felt Company, 100 Summer...Fort Hill 6220
Boston Felt Mfg Co, 110 Beach.....Beach 365

Fences, Iron & Wire, Also Chain Link Netting.
Anchor Post Iron Wks, 79 Milk.....Fort Hill 2359

Fibre.
American Vulcanized Fibre Co, 12 Pearl....Main 3843
National Fibre & Insulation Co, 117 Lincoln.Beach 224

Fibre Containers.
American Can Co of Mass, 9 Binford.....Main 4872

Filing Cabinets.
Amberg File & Index Co, 14 Federal...Fort Hill 3230
Bank & Office Equipment Co, 161 Summer..Beach 4632

Filters—Water.
Loomis-Manning Filter Distributing Co, 440 Exchange bldg, 53 State st.....Main 3850

Fire Alarm Systems.
Boston Fire & Police Notification Co, 11 High.Main 2775

Fire Doors (Tinclad & Kalemein).
Penn Metal Co, 201 Devonshire.....Fort Hill 4800

Fire Escapes.
American Architectural Iron Works, 121 Liverpool .....East Boston 295

Fire Extinguishers.
Knight & Thomas Inc, 212 Summer.....Main 7694

Fire Proof Doors & Windows.
Reliance Fireproof Door Co (Thayer, Kohn & Beyer Co) 6 Beacon.....Haymarket 900

Fireproof Floors, Flat Slabs.
Tucker Edward A Co, 683 Atlantic av....Beach 4670

Fireproof Windows & Sash.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

First Aid Cabinets, Kits, & Supplies.
First Aid Equipment Co, 157 Federal.....Main 1500

Fittings; Cast Iron B & S & Flange.
Donaldson Iron Co (Chas F Glavin) 24 Milk st, Room 308.....Main 1795

Flags.
American Awning & Tent Co, 236 State.Richmond 1575
Hoyt George T Co, 52 South Market...Richmond 1615
Trundy & Co, 165 Milk.....Main 2242

Floor Drains.
Central Foundry Company The, "Lynn", 105 Cummings .....Roxbury 1310
See our Advertisement Outside Back Cover.

Floor Plates Checkered.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

Floors, Fireproof Metal Rib, Long Span.
Tucker Edward A Co, 683 Atlantic av....Beach 4670

Florists.
Galvin Thos F Inc, 1 Park.....Haymarket 255
Hoffman 61 Massachusetts av.....Back Bay 702

Foreign Freight Forwarders.
Andrews D C & Co Inc, 134 State.....Main 7148

Foreign Hides & Skins.
Montgomery W L & Co, 10 High.....Main 971

Foundries.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Furnaces—Annealing Forging & Heat-Treating.
American Incandescent Heat Co Inc, 10 Post Office Sq.....Main 6080

Furnaces—Electric, Laboratory & Industrial.
Hoskins Mfg Co, 445 Tremont bldg....Haymarket 1277

Furniture.
Irving & Casson-A H Davenport Co, 575 Boylston .....Back Bay 8020

Garages, Portable Steel.
Pruden C D Co The (H C Langille) 95 Hunt av .....Back Bay 3638
See our Catalog Space, page 926.

Garbage Receivers.
Sexton Can Co, 228 Franklin.....Main 4

Garnet Paper, Sand Paper & Emery Cloth.
United States Sand Paper Co, (E F Russ, Representative), 201 Devonshire....Fort Hill 6051

Gas Mains.
Central Foundry Co The, 105 Cummings..Roxbury 1310
See our Advertisement Outside Back Cover.

Gasoline Storage Tanks.
Sexton Can Co, 228 Franklin.....Main 4

Gear Cutting.
Meisel Press Mfg Co, 961 Dorchester av.Dorchester 710
See our Catalog Space, page 958.

Gears.
Meisel Press Mfg Co, 961 Dorchester av.Dorchester 710
See our Catalog Space, page 958.

Gears & Gear Cutting.
Crofoot Gear Works, 31 Ames, Cambridge A Sta.....Cambridge 6080

Generators & Dynamos Direct & Alternating Current.
Diehl Mfg Co, 201 Devonshire.....Main 5397

German Silver, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co of Boston, 95 Broad.....Fort Hill 4415

Glues, Marine.
Ferdinand L W & Co, 152 Kneeland.....Beach 4998

Gold Leaf.
Rauskolb F W Co, 103 Arch.....Main 664

Gold Leaf, Sized in Rolls & Sheets.
Rauskolb F W Co, 103 Arch.....Main 66

Grass & Field Seeds.
Dickinson Albert Seed Co of Mass, The, Bd of Trade bldg.....Fort Hill 182

Grinding Machines (Chaser or Die).
Geometric Tool Co The (Hill, Clark & Co Inc, Rep) 156 Oliver.....Main 443

Gummed Tape & Moistening Machines.
National Binding Machine Co, 170 Summer.Main 5749

Hair Nets.
Hartmann Bros Inc, 641 Atlantic av.....Beach 698

Handwriting Experts.
Kingston Wm E, (Qualified Expert Examiner; Documents, Writing Signatures), 40 State .....Main 29

Hoists (Electric).
Shepard Electric Crane & Hoist Co (Cutter & Wood Supply Co, Agts), 70 Pearl....Main 41
See our Catalog Space, pages 937 & 959.

Hoop Steel.
Harvey Arthur C Co, 374 Congress.....Main 70
See our Catalog Space, page 1009.

Hotel Supplies, Imperial Silver Burnisher.
Young H G W, 61 Hanover.....Haymarket 2

Hotels.
Hotel Colonial, 199 Massachusetts av...Back Bay 1087
Hotel Commonwealth Bowdoin.....Haymarket 2660
See our Catalog Space, page 959.
Hotel Napoli (The most exclusive Italian restaurant in town. Music and service until midnight. Sig Palladino orchestra) (See Restaurants) Jct Friend and Washington.....Haymarket 1589

Hotels, Temperance.
Hotel Commonwealth Bowdoin.....Haymarket 2660
See our Catalog Space, page 959.

Human Hair Nets.
Hartmann Bros Inc, 641 Atlantic av.....Beach 6980

Ice Cream Cones.
Columbia Ice Cream Horn Co The, 10 Farnham .....Roxbury 5712

Ice Cream Freezer Mfrs.
Whitney F E Co, (Mfrs "Boston" Direct-Connected Power Freezers), 65 SudburyHaymarket 125

Inks, Marking & Stenciling.
Diagraph Stencil Machine Corp, 19 Pearl.Main 5154-M
See our Catalog Space, page 1010.
Garvey's Inks & Brushes (Allen Doane & Co), 29 Cornhill.....Haymarket 739

Insurance of Every Description.
Paige John C & Co, 65 Kilby.....Main 5231

Investment Bankers.
Brooks P W & Co Inc, 95 Milk.....Main 7454

Iron Fences, Railings, Gates, etc.
Anchor Post Iron Wks, 79 Milk.....Fort Hill 2359

Iron, Ornamental.
American Architectural Iron Works 121 Liverpool .....East Boston 295

Iron, Ornamental & Architectural.
Tyler W S Company The, 68 Devonshire.Fort Hill 2667

Iron Stairs.
American Architectural Iron Works, 121 Liverpool .....East Boston 295

Iron and Steel.
Federal Tool & Alloyed Steel Corporation, 201 Devonshire .....Main 3282
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

Italian Products.
Bagnino J R Co, 61 Fulton.....Richmond 996
Italian Importing Co, 41 Fulton.....Richmond 957

Ivory Substitutes.
Arlington Company (Ivory Py-ra-lin), 84-86 Essex .....Beach 3049

Kettles, Silver & Lead Lined.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Labels.
National Binding Machine Co, 170 Summer.Main 57495

Laboratory Supplies.
Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

Laundry Machinery.
Troy Laundry Machinery Co Ltd, 514-516 Atlantic av.....Fort Hill 1896
See our Catalog Space, page 966

Lawyers.
Schwarz Adolph M ("Specializing in collections & commercial litigation everywhere." Offices: New York, Chicago, Cleveland, Detroit, Pittsburgh, Atlanta. Efficient representation all over), 18 Tremont.....Fort Hill 3670

Leather Belting.
Alexander Bros Leather Belting (Lewis E Tracy Co), 127 Broad.....Fort Hill 1836

Leather Finishes & Stains.
S & F Blacking Co, 258 Purchase.....Fort Hill 1531

Leather Goods Mfrs.
Peerless Leather Goods Co, 19 High.....Main 1866

Leather Goods. Men's Collar Bags, Ladies' Hand Bags, Etc.
Ryan-Cushing Co, 126 Summer.....Fort Hill 2036

Leather Mnfrs. Moroccos, Skivers, Etc.
White Son Co, 530-540 Atlantic av.....Main 196-197

Leather—Mnfrs. Upper Shoe Leathers.
Monarch Leather Co, 92 South.....Beach 2213

Leather, Substitues, Imitation, Artificial.
Endura Mfg Co (John D Young & Sons Co), 39 Lincoln.....Beach 357

Lighterage, Divers, Tow Boats, Wreckers.
Scott T A Inc The, 400 Border.....East Boston 830

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co (Brascolite), Old South bldg .....Main 3251

Lighting Fixtures.
Globe Gas Light Company, 37 Union....Richmond 561

Lighting Fixtures, Electric, for All Purposes.
Brascolite (Stuart-Howland Company, Distributors), cor Congress & Purchase..Fort Hill 3400
See our Catalog Space, page 968

Linoleum Cement.
Ferdinand L W & Co, 152 Kneeland.....Beach 4998

Liquid Air.
Schofield's Liquid-Air Co, 248 Boylston..Back Bay 6715

Lockers (Steel).
Hart & Hutchinson Co The, Oliver bldg....Main 2949

Looseleaf Systems & Devices.
Martell A E Co, 159 Devonshire.....Main 1215

Lumber.
Palmer & Parker, 103 Medford.....Charlestown 2

Machine Screws.
New England Screw Co, 44 Farnsworth....Main 6840

Machine Tools.
Fitzgerald W H J & Co, 30 Oliver.....Fort Hill 13

Machinery, Electrical, Mechanical, Etc.
Ellis A Lee, 141 Milk.....Fort Hill 1994

Machinery & Tools (Special)
Moback Tool & Machine Mfg Co, 330 Atlantic av .....Fort Hill 3617

Machinists.
Bertelsen & Petersen Engineering Co, 240 Border.....East Boston 113

Machinists' Machine Work of Every Description.
Hesse John J, (Home for inventors. Inventions worked out), 134 Eliot.....Beach 4353-R

Mahogany.
Palmer & Parker, 103 Medford.....Charlestown 2

Malleable Iron, Steel & Grey Iron Castings.
Suffolk Castings & Supply Co Inc, 110 A Broad.....Fort Hill 1724

Manhole Frames & Covers.
Central Foundry Company The, 105 Cummings .....Roxbury 1310
See our Advertisement Outside Back Cover.

Manifold Books.
Martell A E Co, 159 Devonshire.....Main 1215

Marine Castings.
Central Foundry Company The, 105 Cummings .....Roxbury 1310
See our Advertisement Outside Back Cover.

Marine Engines.
Bertelsen & Petersen Engineering Co, 240 Border .....East Boston 113

Marine & Locomotive Clocks.
Howard E Clock Co The, 373 Washington...Main 643

Marine Repairs.
Bertelsen & Petersen Engineering Co, 240 Border .....East Boston 113

Metal Ceilings.
Penn Metal Co, 201 Devonshire.....Fort Hill 4800

Metal Lath.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.
Penn Metal Co, 201 Devonshire.....Fort Hill 4800

Metal Roofing.
Penn Metal Co, 201 Devonshire.....Fort Hill 4800

Metal Sheets.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Metal Shelving & Bins.
Penn Metal Co, 201 Devonshire.....Fort Hill 4800

Metals.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.
Richards & Co Inc, 200 Causeway.....Richmond 357

Metals, New & Old.
American Iron & Metal Co, 140-144 Oliver..Main 6813

Metals—New & Old—Metal Scrap—All Grades.
National Metal & Rubber Co, 39 India Wharf.Main 2431

Metals—Pig.
Richards & Co Inc, 200 Causeway.....Richmond 357

Metals, Scrap.
American Iron & Metal Co, 140-144 Oliver..Main 6813
Coleman & Rome, 42 Sudbury.....Haymarket 1029

Metals—Sheet.
Richards & Co Inc, 200 Causeway.....Richmond 357

Mill Supplies.
Armstrong G R Mfrs Supplies, 257 Franklin .....Fort Hill 1182

Milling Tools (Adjustable Hollow).
Geometric Tool Co The (Hill, Clark & Co, Rep) 156 Oliver.....Main 4438

BOSTON—continued

Minerals, Talc.
Frothingham Chas R, 10 High.....Fort Hill 5214

Mixing Kettles.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Mortgages.
Beacon Mortgage & Realty Co, 68 Devonshire .....Fort Hill 480
Puritan Realty Co, 35 Court.....Main 164

Motor Trucks.
Autocar Sales & Service Co The, 642 Beacon .....Back Bay 4880

Motors, Electric, Direct and Alternating Current.
Diehl Mfg Co, 201 Devonshire.....Main 5397

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co (Winslow Goodwin, Agt) 19 Pearl.....Fort Hill 2949

Norway & Swedish Iron.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Office Equipment.
Monroe Calculating Machine Co, John Hancock bldg, 200 Devonshire.....Fort Hill 4385
See our Catalog Space, page 905.

Office Furniture.
American Furniture Exchange Inc, 8 Alden .....Haymarket 1824
Stearns H L Desk Co, 87 Portland....Haymarket 2680

Office Furniture—New & Used.
Boston Office Furniture Exchange, 128 Purchase .....Fort Hill 3306

Office Furniture, Steel.
General Fireproofing Co The, 125 Federal...Main 6387

Office Partitions.
Walls C M, 21 Central.....Main 1789-M

Oil Tanks.
Sexton Can Co, 228 Franklin.....Main 4

Oils.
Wood W A Company, 378 Atlantic av.....Main 1727

Oils, All Kinds.
Frothingham Chas R, 10 High.....Fort Hill 5214

Organ Builders.
Estey Organ Company, 120 Boylston.....Beach 1074

Organ Manufacturers.
Estey Organ Company, 120 Boylston.....Beach 1074

Organ and Player-Piano Leathers.
White Son Co, 530-540 Atlantic av....Main 196-197

Out-Door Advertising.
Batten George Company Inc, 10 State...Fort Hill 3906
See our Catalog Space, page 909.

Oxy—Acetylene Apparatus.
Davis-Bournonville Co, 141 Milk.....Fort Hill 4763
See our Catalog Space, page 1028.

Packaging Machinery (Automatic).
National Packaging Machinery Co, 172-180 Green, Jamaica Plain.....Jamaica 420

Packing Pads.
Boston Excelsior Co, 26 Canal.....Haymarket 158

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (A W Chesterton Co), (For Oils, Alkalies & Benzol Products), 64 India...Main 5877

Painters.
American Painting & Decorating Co Inc, 126-128 Milk.....Main 1223

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 23 Farnsworth...Fort Hill 1811

Paper Bag Mnfrs.
Advance Bag Co The (F W Peterschen, Agt) 201 Devonshire.....Main 1456

Paper Box Machinery (Automatic).
National Packaging Machinery Co, 172-180 Green, Jamaica Plain.....Jamaica 420

Paper Dealers.
Carter John & Co Inc, 100 Federal....Fort Hill 1028

Paper Drinking Cups, Sanitary.
Boston Drinking Cup Co, 161 Franklin....Main 1660

Patent Attorneys.
Heard Smith & Tennant, Old South bldg..Main 3593
Rogers Clyde L, 60 Congress.....Fort Hill 1111

Patent Lawyers & Mech. Engineers Foreign & Domestic.
Lichtenstein David, 73 Tremont .....Haymarket 3799

Pattern Makers.
Fraser R, 85 Purchase.....Fort Hill 2831

Paving Mixers.
Koehring Machine Company, (F O Johnson), 141 Milk .....Ft Hill 4174

Phosphor Bronze Sheets, Wire, Rods.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Photographers, Commercial.
Morse Benjamin, (Will photograph "Anything, Anywhere." Salesman's samples), 123 Pearl .....Main 3492

Photographers & Limners.
Purdy J E & Co, 145 Tremont.....Beach 2076

Physics Laboratory Supplies
Knott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

Picture Frame Mfgrs.
Sprague-Hathaway Co, 36 Bromfield.....Main 814

Picture Frames.
Western Picture Frame Co, 104 Friend.Haymarket 2208

Pig Metals.
Richards & Co Inc, 200 Causeway.....Richmond 357

Piles—Concrete.
Raymond Concrete Pile Co, Exchange bldgFort Hill 4276

Pipe (Cast Iron B & S Flange, Flexible Joint).
Donaldson Iron Co (Chas F Glavin), 24 Milk.Main 1795

Pipe & Boiler Coverings.
Norristown Magnesia & Asbestos Co, 23 Lewis Wharf .....Richmond 2570

Player-Piano and Organ Leathers.
White Son Co, 530-540 Atlantic av.....Main 196-197

Portable Bldgs.
Pruden C D Co The (H C Langille) 95 Hunt av .....Back Bay 3638
See our Catalog Space, page 926.

Post Card Racks, all Shapes, Sizes & Designs.
National Rack Company The, 355 Warren.Roxbury 5565

Postage Stamps for Collectors, U. S. & Foreign.
Colson Warren H, 184 Boylston.....Back Bay 3502

Poultry Feed.
Dickinson Albert Seed Co of Mass The, Bd of Trade bldg.....Fort Hill 1820

Power Transmission.
Morse Chain Co, 141 Milk.....Fort Hill 1140

Press Clippings.
Luce's Press Clipping Bureau, 8 Bosworth.Main 4027

Printing Machinery.
United Printing Machinery Co, 100 Summer .....Fort Hill 6220

Printing Machinery, Type & Supplies.
American Type Founders Co, 270 Congress...Main 236
See our Catalog Space, page 1019.
Lanston Monotype Machine Co, 170 Summer.Main 4840
See our Catalog Space, page 999.

Printing Presses.
Meisel Press Mfg Co, 961 Dorchester av .....Dorchester 710
See our Catalog Space, page 958.

Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Kimball bldg .....Main 4149

Pumps, Hand & Power, for All Uses.
Deming Co The, (Charles J Jager Co, Rep), 15 Custom House.....Main 3440

Pumps, Rotary, Vacuum Air & Liquid.
American Rotary Pump Co, 67 Hampden..Roxbury 136

Pyrometers.
Hoskins Mfg Co, Tremont bldg.....Haymarket 127

Railings & Grilles, Brass & Bronze.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 441

Railway & Tower Signaling Apparatus Elec. & Steam R.R.
United Electric Apparatus Co, 1529 Columbus av .....Roxbury 37

Range Boilers and Expansion Tanks.
Wood John Mfg Co, 32 Dorchester av..So Boston 4

Rat Exterminators.
Rose Exterminator Co, (James Bovey, Mgr), 15 School.....Fort Hill 26

Real Estate.
Beacon Mortgage & Realty Co, 68 Devonshire .....Fort Hill 4
Puritan Realty Co, 35 Court.....Main 1

Refrigerators (Mnfrs of All Kinds).
Seeger Refrigerator Co, 82-84 Washington .....Richmond 29

Refrigerators for All Purposes.
McCray Refrigerator Co, 407 Boylston..Back Bay 5140

Reinforcement for Concrete.
Tucker Edward A Co, 683 Atlantic av.....Beach 4670

Reproductions.
Associated Architects Printing & Supply Co, (Gelitho Reproduction Process on tracing cloth), 144 Congress.....Fort Hill 4013

Restaurants.
Hotel Napoli (See Hotels) Jct Friend and Washington .....Haymarket 1589
Table d'Hote Lunch 11 to 3...50c
Table d'Hote Dinner 5 to 9...75c
Special Daily Combination....50c

Ribbons Mnfrs.
Barton F C (Domestic Ribbons, silk tapes a specialty), 70 Kilby.....Fort Hill 647

Rivets, Boiler, Ship, Tank, Structural.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Rivets, Brass, Copper, Bronze, German Silver.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Road Rollers.
Buffalo Steam Roller Co, 34 Court sq.....Main 897

Rolled Thread Machine Screws.
New England Screw Co, 44 Farnsworth.....Main 6840

Roller Bearings, Taper.
Standard Roller Bearing Co, 163 Mass av.Back Bay 3300

Roofing.
Richards & Co Inc, 200 Causeway.....Richmond 357

Roofing Materials, Metal.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

Rubber, Crude.
Rothingham Chas R, 10 High.....Fort Hill 5214

Rubber Scrap New and Old.
Muehlstein H & Co, 176 Federal.....Main 4548

Rubber Stamps
Simond Union Stamp Co, 175 Washington...Main 1738
Geary John J & Co, 325 Washington....Main 3612-J

Safes.
Baum J Safe & Lock Co The (American Furniture Exchange), 6-8 Alden...Haymarket 1824

Safety Gasoline Cans
Exton Can Co, 228 Franklin.....Main 4

Sand Paper, Emery Cloth & Garnet Paper.
United States Sand Paper Co, (E F Russ, Representative), 301 Devonshire....Fort Hill 6051

Savings Banks.
Boston Penny Savings Bank, 1375 Washington .....Beach 5900

Saws, Manufacturers.
Griffiths Albert Saw Co The, 30 Whittier..Roxbury 121

Scientific Instruments.
Ott L E Apparatus Co, Ames & Amherst (Cambridge A Sta).....Cambridge 4700

Screens.
Hobbs Mfg Co, 36 Bromfield.....Fort Hill 5436

Screws, Machine, Made in All Metals.
New England Screw Co, 44 Farnsworth.....Main 6840

Seal Presses—Notary & Corporation.
Geary John J & Co, 325 Washington.....Main 3612-J
Hoffman Seal, Stamp & Eng Co, 15 School..Main 874

Seeds.
Dickinson Albert Seed Co of Mass The, Bd of Trade bldg.....Fort Hill 1820

Shafting.
Union Drawn Steel Co, 95 Milk.....Fort Hill 2518

Shapes & Elevator Guides.
Union Drawn Steel Co, 95 Milk.....Fort Hill 2518

Shavings & Dust Collecting Systems.
Allington & Curtis Mfg Co The, 706 E 2dSo Boston 580

Sheet Metal.
Richards & Co Inc, 200 Causeway.....Richmond 357

Sheet Metal, Specialties.
Gray Peter & Sons Inc, 286 Third....Cambridge 4105

Sheet Metal Workers' Supplies.
Richards & Co Inc, 200 Causeway.....Richmond 357

Sheet Metal Workers' Tools & Machines.
Richards & Co Inc, 200 Causeway.....Richmond 357

Sheetings Sanitary—Infants Goods.
Omo Mfg Co (DeGraff & Palmer) 67 Chauncy .....Beach 380

Sheetings—Transparent and Colored.
Arlington Company (Py-ra-lin), 84-86 Essex .....Beach 3049

Sheets, Iron & Steel.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Shingle Stains.
Cabot Samuel Inc, 141 Milk.....Main 585

Shoe Dressings.
S & F Blacking Co, 258 Purchase.....Fort Hill 1531

Shoe & Leather Finishes.
Quinn K J & Co Inc, 80 Batterymarch..Fort Hill 4410

Shoe Mnfrs' Goods.
Brooks & Co Inc, 135 Essex.....Beach 290
United Stay Co, 53 Wadsworth.....Cambridge 6717

Shoes (Felt).
Green Daniel Felt Shoe Co, 100 Summer.Fort Hill 6220

Shoes, Mnfrs (Women's).
Plant Bros & Co, 207 Essex.....Beach 6917-M

Show Cases, Outdoor Display
Brink C I Inc, 24 Gold.....So Boston 91

Signs, Brass.
Hanson Charles M, 323 Tremont.....Beach 6579

Signs of Every Description.
Brink C I Inc, 24 Gold.....So Boston 91

Silver Burnishing Machinery, Imperial.
Young H G W, 61 Hanover.....Haymarket 2370

Sinks, Pantry.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Slate Producers.
General Slate Co, 200 Devonshire.....Main 2145

Slippers.
Green Daniel Felt Shoe Co, "Comfy," 100 Summer .....Fort Hill 6220

Slitting & Rewinding Machinery.
Meisel Press Mfg Co, 961 Dorchester av.Dorchester 710
See our Catalog Space, page 958.

Soaps.
India Alkali Works, 28 India Wharf.....Main 6230

Soaps, Mnfrs, Specialties in Liquid and Hard Soaps.
Flash Chemical Co, 160 Second.....Cambridge 5970

Soil Pipe.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Spool Silk, All Manufacturing Trades.
Holland Mfg Co, 79 Summer.....Beach 4047

Stained Glass.
Connick C J, 9 Harcourt.....Back Bay 4612

Stains for Shoe & Leather. Mfrs.
S & F Blacking Co, 258 Purchase.....Fort Hill 1531

Steam Traps.
Corliss Valve Steam Trap (Blanchard & Butler), 70 High .....Fort Hill 2552

Steel.
Federal Tool & Alloyed Steel Corporation, 201 Devonshire .....Main 3282

Steel Balls.
Standard Roller Bearing Co, 163 Mass av.Back Bay 3300

Steel Bars.
Tucker Edward A Co, 683 Atlantic av.....Beach 4670

Steel, Cold Drawn.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.
Union Drawn Steel Co, 95 Milk.....Fort Hill 2518
Wetherell Bros Co, 31 Oliver.....Main 969

Steel, Cold Rolled.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Steel, Cold Rolled & Tool.
Evans H D Steel Co, 127 Oliver.....Main 6449

Steel & Iron.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Steel, Plates & Sheets.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Steel Stamps & Stencils.
Allen Doane & Co Inc (Liberty Brand) 29 Cornhill .....Haymarket 739

Steel Structural.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Steel, Tool.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009

BOSTON—continued

Stencil Cutting Machines.
Diagraph Stencil Machine Corp, 19 Pearl.Main 5154-M
See our Catalog Space, page 1010.

Stencil & Marking Inks.
Diagraph Stencil Machine Corp, 19 Pearl..Main 5154-M
See our Catalog Space, page 1010.
Garvey's Inks & Brushes, (Allen, Doane & Co), 29 Cornhill.....Haymarket 739

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corp, 19 Pearl.Main 5154-M
See our Catalog Space, page 1010.

Stills.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Stokers, Automatic.
Murphy Iron Works, Boston Safe Deposit & Trust bldg .....Main 6961

Stoves.
Gale Heating Co, 71 Medford.....Richmond 673

Strip Steel, Hot & Cold Rolled.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Structural Iron & Steel.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Structural Steel.
American Bridge Company, John Hancock bldg .....Main 5966

Syrup (Maple).
New England Maple Syrup Co, Winter Hill .....Somerville 6310

Tag Manufacturers.
American Tag Co of New Jersey, 136 Federal .....Fort Hill 2281

Talclay, Etc.
Frothingham Chas R, 10 High.....Fort Hill 5214

Tanks, Steel.
Wood John Mfg Co, 32 Dorchester av..So Boston 480

Tanners' Finishes & Stains.
S & F Blacking Co, 258 Purchase.....Fort Hill 1531

Tanning Materials.
Montgomery W L & Co, 10 High.....Main 971

Tapes (Cotton Mercerized and Silk).
Barton F C, 70 Kilby.....Fort Hill 647

Taps (Adjustable Collapsing).
Geometric Tool Co The (Hill, Clark & Co Inc, Rep) 156 Oliver.....Main 4438

Telephones, Interior (Factories Apartment Buildings)
Connecticut Telephone & Electric Co (Geo W Connor) 127 Federal .....Fort Hill 2054

Tents.
Hoyt George T Co, 52 South Market...Richmond 1615
Nickerson L, 173 State.....Richmond 986
Trundy & Co, 165 Milk.....Main 2242

Thawing Apparatus for Underground Pipes & Conduits.
Burbank Thawing Machine Co The, 355 Warren .....Roxbury 5565

Threading Machines.
Geometric Tool Co The (Hill, Clark & Co Inc, Rep) 156 Oliver.....Main 4438

Time Recorders.
Simplex Time Recorder Co, 8 Winter....Beach 326

Time Stamps (Automatic)
Automatic Time Stamp Co The, 160 Congress .....Main 2382

Tin Cans.
National Can Company, 36 Washington, North ..... Richmond 467

Tin & Galvanized Cans.
Sexton Can Co, 228 Franklin.....Main 4

Tin Plate.
Harvey Arthur C Co, 374 Congress.....Main 7000
See our Catalog Space, page 1009.

Tire Fabrics.
Boston Yarn Co, 60 Federal.....Fort Hill 5040

Tobin Bronze, Rods, Sheets, Etc.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Toilet Articles and Sets.
Arlington Company, 84-86 Essex.....Beach 3049

Tools, Machine Shop, Factory, Etc.
Ellis A Lee, 141 Milk.....Fort Hill 1994

Tow Boats, Lighterage, Wreckers, Divers.
Scott T A Inc The, 400 Border.....East Boston 830

Tower Clocks.
Howard E Clock Co The, 373 Washington...Main 643

Tractors.
Jewel Tractor & Truck Co The, 121 Dedham .....Beach 4275
See our Catalog Space, page 951.

Treads Mason Safety.
American Mason Safety Tread Co, Old South bldg .....Main 1607

Trucks.
Jewel Tractor & Truck Co The, 121 Dedham .....Beach 4275
See our Catalog Space, page 951.

Trucks, Elevating.
Lewis-Shepard Co, 44 Binford.....Fort Hill 1368
Transmission Ball Bearing Co, 624 Main, Cambridge .....Cambridge 252
See our Catalog Space, page 920.

Trucks, Industrial.
Lansing-Company, 78 Cambridge.....Charlestown 1370

Tubing, Seamless & Brazed Brass Copper & Bronze.
Hungerford U T Brass & Copper Co of Boston, 95 Broad .....Fort Hill 4415

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 270 Congress..Main 236
See our Catalog Space, page 1019.
Lanston Monotype Machine Co, 170 Summer.Main 4840
See our Catalog Space, page 999.

Type Metals.
Richards & Co Inc, 200 Causeway.....Richmond 357

Typewriters—Portable.
Corona Typewriter Company Inc, 164 Devonshire .....Main 3927

Uniform Manufacturers & Equipment.
Batchelder Fred M Co, 68 Harrison av....Beach 1618

Uniforms (Army & Navy).
Harding Uniform & Regalia Co The, 22 School .....Main 7490

Universal Cast Iron Pipe.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Vacuum Pans, Copper & Iron.
Badger E B & Sons Co, 75 Pitts.....Haymarket 2152

Valve Boxes.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, 136 Federal.Fort Hill 6454

Ventilators, Window.
Ideal Ventilator Co, 90 Canal.....Haymarket 50548

Waste Paper.
Graham Jas J Paper Co, 25-29 Otis...Cambridge 7305

Watchman Clock Mfrs.
Howard E Clock Co The, 373 Washington...Main 643

Watchman's Clocks.
Simplex Time Recorder Co, 8 Winter.....Beach 326

Water Mains.
Central Foundry Co The, 105 Cummings.Roxbury 1310
See our Advertisement Outside Back Cover.

Water Supply Systems.
Beaudette & Graham Eng Co, (Leader Iron Wks), 10 Lincoln.....Beach 405

Waterproof Wrapping Paper.
Safepack Paper Mills, 722 Atlantic av.....Beach 336

Weather Strips.
Monorch Metal Weather Strip Co The, (H E Holbrook Co, Distributors), John Hancock bldg.....Main
See our Catalog Space, page 1023.

Weighing Machines (Automatic).
National Packaging Machinery Co, 172-180 Green, Jamaica Plain.....Jamaica

Welders.
American Electric Welding Co Inc, 42 Maverick sq .....East Boston
Wood John Mfg Co, 32 Dorchester av..So Boston

Welding Apparatus.
Davis-Bournonville Co, 181 State.....Main
See our Catalog Space, page 1023.
Teneco Sales Corp, 201 Devonshire.....Fort Hill

Welding Apparatus & Supplies.
Suffolk Casting & Supply Co Inc, 110 A Broad.....Fort Hill

Well Contractors.
Artesian Well & Supply Co, 170 Summer...Main

Wheelbarrows.
Lansing-Company, 78 Cambridge.....Charlestown

Wire (Manufacturers).
American Steel & Wire Co, 120 Franklin....Main

Wire Brush Mnfrs.
Burtman Wire Wks, 91 Fulton.....Richmond

Wire Fence, Chain Link Netting & Iron Railings.
Anchor Post Iron Wks, 79 Milk.....Fort Hill 2359

Wire Resistance & Special Alloys.
Hoskins Mfg Co, Tremont bldg.....Haymarket 1277

Wire Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), 141 Milk.....Main 529

Wire Wheels.
Standard Roller Bearing Co, 168 Mass av.Back Bay 3300

Wool.
Hauger & Avery, 256 Summer.....Main 5863
Schwerdt Eug, 184 Summer.....Main 7324

Wreckers, Divers, Tow Boats, Lighterage.
Scott T A Inc The, 400 Border....East Boston 830

Wrenches.
Walden-Worcester Inc (Ray Cavanaugh), 833 Boylston .....Back Bay 3165

CAMBRIDGE

Ash Hoists.
Wyne F S Co, Richdale av.....Cambridge 4376

Ash Hoists, Disappearing, Hydraulic.
Wyne F S Co, Richdale av.....Cambridge 4376

Bookbinders.
Boston Bookbinding Co, 10 Arrow....Cambridge 1904

Concrete Reinforcement.
Northwestern Expanded Metal Co, 280 Sydney .....Cambridge 7206

Electric Elevators.
Wyne F S Co, Richdale av.....Cambridge 4376

Elevators.
Wyne F S Co, Richdale av.....Cambridge 4376

Elevators, Frt & Pass'nger.
Wyne F S Co, Richdale av.....Cambridge 4376

Iron Steel & Heavy Hardware.
Anderson E P Co, Third and Binney..Cambridge 6000

Iron Work, Architectural & Ornamental.
East End Iron Works, 153 First...Cambridge 3756-M

Metal Lath Expanded.
Northwestern Expanded Metal Co, 280 Sydney .....Cambridge 7206

Organ Builders.
Hey Organ Co, (C R Putnam).....Cambridge 6014
Hey Organ Co, (K S Usher), 77 Brattle .....Cambridge 1197-W

Sheet Metal—Specialties.
Wy Peter & Sons Inc, 286 Third.....Cambridge 4105

Shoe Mnfrs. Goods.
Stead Stay Co, 58 Wadsworth.....Cambridge 6717

Trust Companies.
Cambridge Trust Co, 1336 Massachusetts av .....Cambridge 57

CHELSEA

Bags (Mnfrs).
Zaff M, 95 Second.....Chelsea 13

Burlap & Burlap Bags.
Cutler H & Co, 96 Second.....Chelsea 212

Burlaps.
Cutler & Brickman, 170 Second.....Chelsea 535-W

Metals.
Cutler Oscar & Co, 44 Arlington.....Chelsea 689
New England Smelting & Refining Co, 105-111 Fifth.....Chelsea 760

Woolen Rags.
Glaser I & Co, 175 Spruce.....Chelsea 1009
Resnick & Lewitzky, 252-56 Third.....Chelsea 1395
Rubin H & Co, 196-200 Third.....Chelsea 1499
Rubin M & Co, 85 Vale .....Chelsea 710
Salter M & Sons, 67 Spruce.....Chelsea 218
Torf M & Co, 261 Williams.....Chelsea 1047
Yoffe M & Sons, 171 Spruce.....Chelsea 501

CHESTER

Emery.
Maxf Grinding Wheel Corp.....Chester 3-2

Grinding Wheels.
Maxf Grinding Wheel Corp.....Chester 3-2

CHICOPEE FALLS

Counting Scales.
National Scale Co.....Chicopee Falls 744

Factory Supplies & Signaling Apparatus.
National Scale Co.....Chicopee Falls 744

Scales, Counting.
National Scale Co.....Chicopee Falls 744

Steel Shelving.
National Scale Co.....Chicopee Falls 744

Trucks, Elevating.
National Scale Co.....Chicopee Falls 744

EVERETT

Bolt Clippers.
Porter H K, 6 Ashland.....Everett 435-M

Storage Battery Cutters.
Porter H K, 6 Ashland.....Everett 435-M

Tools, Dies, Jigs, Fixtures, Stamping & Drawing.
Wilton Tool & Mfg Co, Tileston and Kelvin. Everett 1770

Wire Cutters.
Porter H K, 6 Ashland.....Everett 435-M

FALL RIVER

Safes.
Baum J Safe & Lock Co The (Wm J Dunn), Academy bldg, 203 Pocasset.Fall River 324-J

FITCHBURG

Addressing, Mailing & Wrapping Machines.
Nielsen Mailing Machine Co, Willow..Fitchburg 2176

Mailing, Addressing & Wrapping Machines.
Nielsen Mailing Machine Co, Willow..Fitchburg 2176

Wrapping Machines (Catalog, Newspaper & Magazine).
Nielsen Mailing Machine Co, Willow..Fitchburg 2176

GARDNER

Wood Working Machine Knives Mfrs.
Gage E E Mfg Co, 301 Main.....Gardner 448-M

GREENFIELD

Cutting-Off Machines (Cold Saw) Mnfrs.
Greenfield Tap and Die Corporation...Greenfield 900

Gages (Screw, Thread and Cylindrical) Mnfrs.
Greenfield Tap and Die Corporation...Greenfield 900

Grinders, Tool and Cutter—Mnfrs.
Greenfield Tap and Die Corporation...Greenfield 900

Lathes, Speed—Mnfrs.
Greenfield Tap and Die Corporation...Greenfield 900

Lathes, Wood Turning—Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Milling Machines (Vertical and Horizontal) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Pipe Tools—Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Reamers (Straight and Spiral Fluted) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Saw Sharpeners (Circular Saws) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Screw Cutting Tools and Machinery—Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Screw Plates (for all purposes) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Silversmiths.
Rogers Lunt & Bowlen Co, Federal and Norwood .....Greenfield 85

Stocks and Dies (for bolts and pipe) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

Taps and Dies (for all purposes) Mnfrs.
Greenfield Tap and Die Corporation....Greenfield 900

HOLYOKE

Belting.
Alexander Bros, Leather Belting (J Russell & Co), 361 Dwight.....Holyoke 3532

Blank Books.
National Blank Book Co.....Holyoke 3900

Contractors, Bldg.
Casper Ranger Construction Co, 20 Bond.Holyoke 2530

Fences, Iron & Wire.
Haarmann G & Co Inc, cor Commerce & Jackson.....Holyoke 1117

Leather Belting.
Alexander Bros, Leather Belting (J Russell & Co), 361 Dwight.....Holyoke 3532

Paper Stock.
Barowsky Co, 66-90 Appleton st.....Holyoke 1304-W

Scrap Iron & Metals.
Barowsky Co, 66-90 Appleton st.....Holyoke 1304-W

Shoe Laces Mnfrs.
Holyoke Braiding Co The, Montgomery st (Williamsett).....Holyoke 2925

Trucks, Elevating.
Holyoke Truck Co, 114 Race.....Holyoke 196
See our Catalog Space, page 1019.

Wire, Steel, Mnfrs.
Prentiss Geo W & Co, 439 Dwight.....Holyoke 128

LAWRENCE

Paper Trimming Knives—Mnfrs.
Bolton John W & Sons Inc, (Eagle Knife & Bar Wks) 9 Osgood.....Lawrence 818

Wood Working Machine Knives—Mnfrs.
Bolton John W & Sons Inc, (Eagle Knife & Bar Wks) 9 Osgood.....Lawrence 818

LEOMINSTER

Advertising Signs & Merchandise Display Fixtures.
Leominster Novelty Co, 139 Central..Leominster 49-J

Paper Boxes, Folding Candy & Climax.
Whitney & Company, 141 Water.....Leominster 52

LOWELL

Cores, Paper.
Lowell Paper Tube Corporation, 42 Warren.....Lowell 3873-W

Engineers, Consulting.
Stevens John A, (To save coal consult us), 8 Merrimack.....Lowell 2604

Thread: Spool Cotton, Linen, Silk Finish & Substitute.
Meyer John C Thread Co, 1500 Middlesex..Lowell 2529

Treads Mason Safety.
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Tubes Paper.
Lowell Paper Tube Corporation, 42 Warren.....Lowell 3873-W

LYNN

Lawyers.
Lovett Charles W, 23 Central av.....Lynn 589

Schools.
Henderson Business School, (Civil Service Training-Courses by Mail), 333 Union..Lynn 2047

MALDEN

Organ Builders.
Estey Organ Company, (R E Staples), 769 Main.....Malden 1359-M

Plumbers Specialties, Hot Wtr Relief & Vacuum Valves
Donnelly Manufacturing Co The, 29 Mills.Malden 2020

MERRIMAC

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NEW BEDFORD

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Leather Belting.
Alexander Bros, Leather Belting (Slocum & Kilburn), 23 North Water....New Bedford 2496

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Trust Companies.
Newton Trust Co, (Capital $400,000, surplus 400,000), 282 Washington.....North 2640

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Bookbinders' Supplies.
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Catalogs, Binding Cloths & Buckrams for Catalogs.
Holliston Mills The.....Norwood 111
See our Catalog Space, page 925.

PALMER

Pinion Rod & Wire.
Rathbone A B & J (Special Drawn Shapes, Brass, Steel, etc).....Palmer 98-4

Wire, Special Drawn.
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Envelope Sealers & Stamp Affixers.
Standard Envelope Sealer Mfg Co The, (Also manufacture Standard Postage-Stamp Affixer).....Somerville 2910

Excelsior.
White & Leahy, 51 Allen.....Somerville 4520

Mailing Machines.
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Standard Stamp Affixer Mfg Co The, Somerville.....Somerville 2910

Sawdust.
White & Leahy (Softwood Sawdust, Mahogany Sawdust for Smoking Purposes, Maple Sawdust for Platers, Furriers, Tumbling Barrel Purposes and Composition Floor Layers), 51 Allen.....Somerville 4520

Soundings.
Burt Wm H Co, 32 Glen.....Somerville 665-M

Stamp Affixers & Envelope Sealers.
Standard Stamp Affixer Mfg Co The, (Also manufacture the Standard Envelope Sealer.....Somerville 2910

Sweeping Compounds.
White & Leahy, 51 Allen.....Somerville 4520

SOUTHBRIDGE

Cutlery Mnfrs—Shoe & Rubber Knives.
Richard Stephen Co Inc The, Elm st..Southbridge

Heddles.
Litchfield Shuttle Co, South st.....Southbridge

Shuttle & Shuttle Irons.
Litchfield Shuttle Co, South St.....Southbridge

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Harley Company The, Page bl.....River

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Kaplan Bros, (Wholesale & Retail Dealers) 147 Sharon.....River

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Brass Forgings.
Harley Company The, Page bl.....River

Bronze Castings.
Harley Company The, Page bl.....River

Calculating Machines.
Monroe Calculating Machine Co, 123 Worthington.....River
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Cotton Thread.

Bay State Thread Works, (Stock in New York, Chicago, St Louis, Boston), 1-15 Mill..River 2760

Cotton Waste, Wiping.

Springfield Waste Co, 109 Mill.....Walnut 330

Drop Forgings.

Harley Company The, Page bl.....River 910

Emery.

Hampden Corundum Wheel Co.....Walnut 1866

Grinding Wheels.

Hampden Corundum Wheel Co.....Walnut 1866

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Perkins Appliance Co, 4 Birnie av.....River 606

Manifold Books.

Martell A E Co, Third Natl Bank bldg.....River 3235

Manufacturers Agents.

Hotaling G F Co Inc, 274 Main, Hampden bldg .....Walnut 1808

Motor Trucks.

Autocar Sales & Service Co The (Stoddard Motor Car Company), 461 Worthington.River 992

Paper Ruling Machines.

Dewey F E & B A, 304 Plainfield.....River 6229

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Handy H L Co, 31-45 Hampden.....River 448

Saws, Mnfrs.

Napier Saw Works Inc, 40 Napier.....

Steel Tanks.

Ave Welding & Mfg Co (Other shops, Holyoke, Bridgeport, Hartford, Norwich), 32 Liberty .....River 3983

Welders.

Ave Welding & Mfg Co (Other shops, Holyoke, Bridgeport, Hartford, Norwich), 32 Liberty .....River 3983

WEST NEWTON

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First Natl Bank 1347 Washington..Newton-West 368

WESTFIELD

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Vitrified Wheel Co, Emery st.....Westfield 1080

Soaps, Mnfrs, Hand.

Git Manufacturing Co, 92 Franklin....Westfield 497-W

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WORCESTER

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National Surety Co, (John G Jefferds Jr, District Mgr for Worcester County), State Mutual bldg ..... Park 1536

Bonds, Surety.

National Surety Co, (John G Jefferds Jr, District Mgr for Worcester County), State Mutual bldg. .....Park 1536

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Building Wreckers.

Swift-McNutt Company, Park bldg.....Park 708

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Reed Francis Co, 48 Hammond.....Park 5772-W

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Norton Co, New Bond.....Park 1390

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Machinists & Mnfrs of Special Machinery.

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Union Water Meter Co, 33 Hermon.....Park 2117

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Baum J Safe & Lock Co The (E W Coffin) 135 Central.....Park 6215

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Wiley-Bickford-Sweet Co The, 60 King.....Park 2291

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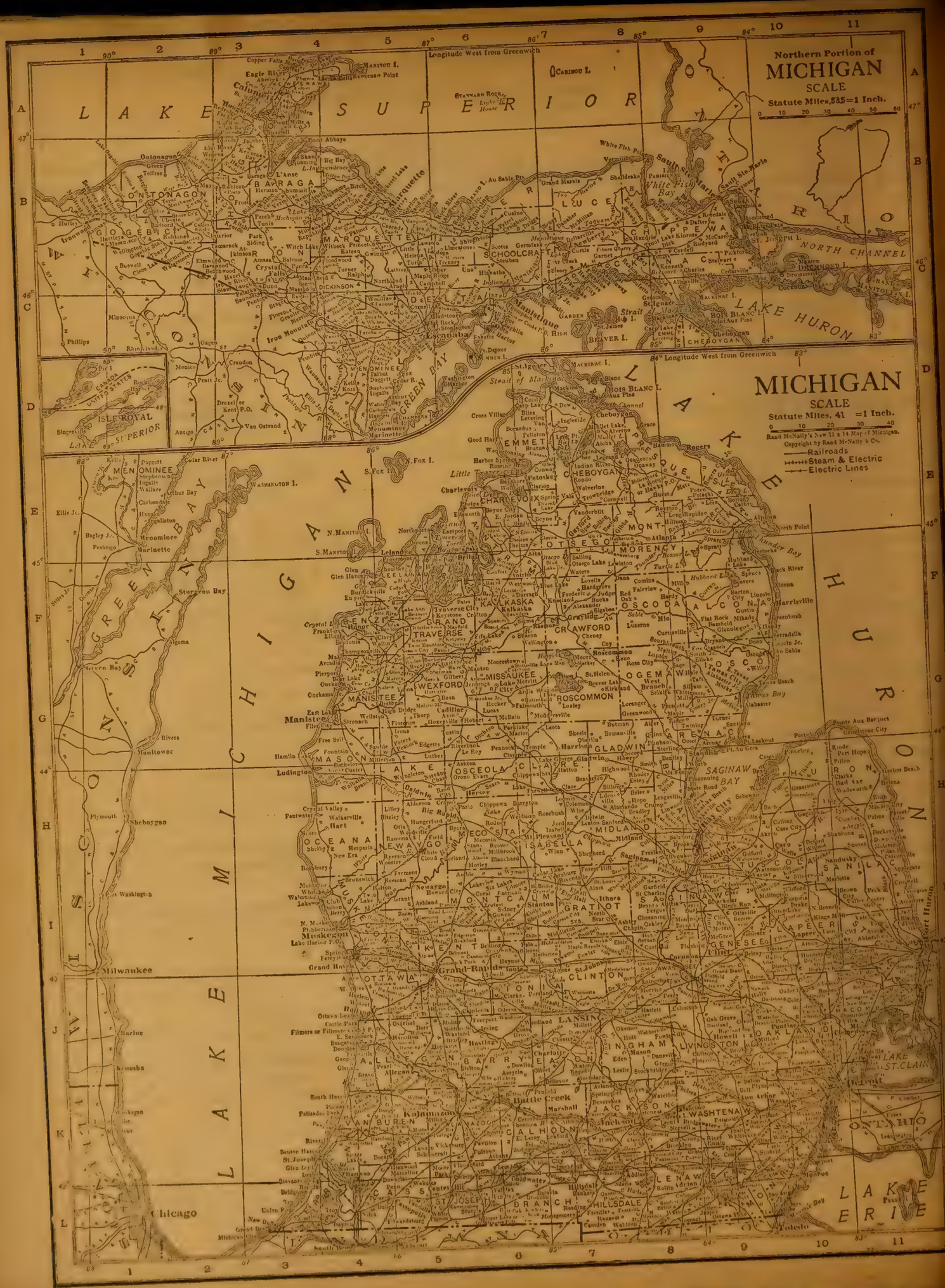
Wrenches.

Walden-Worcester Inc, 72 Commercial.....Park 1159

Wrenches Reversible Ratchet.

Lowell Wrench Co, 54 Commercial.....Park 4396


Northern Portion of
MICHIGAN
SCALE
Statute Miles, 535=1 Inch.
MICHIGAN
SCALE
Statute Miles, 41 =1 Inch.
Rand McNally's New 11 x 14 Map of Michigan.
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Railroads
Steam & Electric
Electric Lines
Longitude West from Greenwich
LAKE SUPERIOR
LAKE MICHIGAN
LAKE HURON
LAKE ERIE
LAKE ST. CLAIR
GREEN BAY
SAGINAW BAY
NORTH CHANNEL
ISLE ROYAL
ONTONAGON
GOGEBIC
IRON
BARAGA
MARQUETTE
DICKINSON
MENOMINEE
SCHOOLCRAFT
LUCE
CHIPPEWA
MACKINAC
ALGER
DELTA
ALPENA
CHEBOYGAN
EMMET
CHARLEVOIX
OTSEGO
MONTMORENCY
ALCONA
OSCODA
KALKASKA
CRAWFORD
GRAND TRAVERSE
BENZIE
MANISTEE
WEXFORD
MISSAUKEE
ROSCOMMON
OGEMAW
IOSCO
MASON
LAKE
OSCEOLA
CLARE
GLADWIN
ARENAC
OCEANA
NEWAYGO
MECOSTA
ISABELLA
MIDLAND
BAY
HURON
SANILAC
MUSKEGON
MONTCALM
GRATIOT
TUSCOLA
SAPEER
GENESEE
KENT
OTTAWA
CLINTON
SHIAWASSEE
LAPEER
LANSING
INGHAM
LIVINGSTON
OAKLAND
MACOMB
ALLEGAN
BARRY
EATON
CALHOUN
JACKSON
WASHTENAW
VAN BUREN
ST. CLAIR
ST. JOSEPH
BRANCH
HILLSDALE
LENAWEE
MONROE
Grand Rapids
Battle Creek
Kalamazoo
Jackson
Ann Arbor
Detroit
Chicago
Milwaukee
Toledo
Marquette
Menominee
Manistee
Ludington
Sheboygan
Port Huron
Sault Ste. Marie
Mackinac I.
Bois Blanc I.
Beaver I.
Manitou I.
Isle Royal
Copper Falls
Eagle River
Calumet
Ontonagon
Iron Mountain
Escanaba
Cheboygan
Alpena
Bay City
Saginaw
Flint
Lansing
Jackson
Kalamazoo
Muskegon
Grand Haven
Holland
Saugatuck
Benton Harbor
St. Joseph
Niles
Hillsdale
Adrian
Monroe
Ypsilanti
Pontiac
Port Huron
Sandusky
Harbor Beach
Alpena
Petoskey
Traverse City
Cadillac
Ludington
Manistee
Menominee
Marinette
Sturgeon Bay
Green Bay
Escanaba
Marquette
Ironwood
Hancock
Houghton
Calumet
Ontonagon
Sault Ste. Marie
St. Ignace
Mackinaw City
Cheboygan
Alpena
Bay City
Saginaw
Flint
Lansing
Jackson
Kalamazoo
Muskegon
Grand Rapids
Battle Creek
Ann Arbor
Detroit
Port Huron
Sandusky
Toledo
Chicago
Milwaukee
Sheboygan
Manitowoc
Menominee
Marinette

MICHIGAN

MICHIGAN

Land area		57,480
Water area		500
Population	(Estimated)	3,074,560
White		2,785,247
Negro		17,115
All others		7,811
Foreign-born white	(U. S. Census 1910)	595,524
Native white		2,189,723
Male		1,454,534
Female		1,355,639

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(See map, opposite page)

Population—Thousands					
1	Adrian	L 8	2	Iron River	C 3
6	Albion	K 7	15	Ironwood	B 1
8	Allegan	J 6	13	Ishpeming	B 4
3	Alma	I 7	2	Ithaca	I 7
3	Alpena	E 9	35	Jackson	K 8
2	Bad Axe	H 10	49	Kalamazoo	K 5
5	Ann Arbor	K 9	2	Lake Linden	A 3
19	Battle Creek	K 6	41	Lansing	J 7
1	Bay City	H 9	4	Lapeer	I 10
4	Belding	I 6	10	Laurium	A 3
1	Benton Harbor	K 4	2	Lowell	J 6
5	Bessemer	B 1	10	Ludington	H 4
5	Big Rapids	H 6	12	Manistee	G 4
2	Birmingham	J 10	5	Manistique	C 6
5	Boyne City	E 6	4	Marine City	J 11
2	Buchanan	L 4	12	Marquette	B 5
0	Cadillac	G 6	4	Marshall	K 7
0	Calumet	A 3	2	Mason	J 8
2	Caro	I 10	11	Menominee	D 5
2	Charlevoix	E 6	3	Midland	H 8
5	Charlotte	J 7	7	Monroe	L 10
7	Cheboygan	D 7	2	Morenci	L 8
2	Chelsea	K 8	8	Mount Clemens	J 11
6	Coldwater	L 6	4	Mount Pleasant	H 7
4	Crystal Falls	C 4	3	Munising	B 6
72	Detroit	K 10	26	Muskegon	I 4
5	Dowagiac	L 4	9	Negaunee	B 5
2	Durand	J 8	5	Niles	L 4
8	East Jordan	E 6	2	Northville	K 10
3	Eastlake	G 4	5	Norway	C 4
2	Eaton Rapids	K 7	3	Onaway	E 8
2	Elk Rapids	F 6	2	Ontonagon	B 2
5	Escanaba	C 5	3	Otsego	K 5
2	Fenton	J 9	10	Owosso	J 8
5	Flint	J 9	2	Paw Paw	K 5
2	Frankfort	F 4	5	Petoskey	E 7
2	Fremont	I 5	1	Plainwell	K 5
2	Gaylord	E 7	2	Plymouth	K 10
4	Gladstone	C 5	18	Pontiac	J 10
6	Grand Haven	I 4	19	Port Huron	J 11
8	Grand Ledge	J 7	2	Portland	J 7
28	Grand Rapids	J 5	2	Reed City	H 5
2	Grayling	F 7	4	River Rouge	K 10
4	Greenville	I 6	2	Rochester	J 10
2	Hamtramck	K 10	56	Saginaw	I 9
2	Hancock	A 3	14	Sault Sainte Marie	B 9
2	Harbor Beach	H 11	4	South Haven	K 4
2	Harbor Springs	E 6	3	St. Clair	J 11
2	Hart	H 4	7	St. Clair Heights	K 11
1	Hastings	J 6	2	St. Ignace	C 9
2	Hermansville	C 5	3	St. Johns	J 7
7	Highland Park	K 10	6	St. Joseph	K 4
3	Hillsdale	L 7	2	St. Louis	I 7
2	Holland	J 4	4	Sturgis	L 5
2	Holly	J 9	2	Tecumseh	L 9
3	Houghton	A 3	5	Three Rivers	L 5
2	Howell	J 9	14	Traverse City	F 5
2	Hudson	L 8	10	Wyandotte	K 10
3	Ionia	J 6	6	Ypsilanti	K 9
4	Iron Mountain	C 4	2	Zeeland	J 5

ADRIAN

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Leather Belting.
Alexander Bros Leather Belting, (L B Brockett & Sons), 59-61 W Main.Battle Creek 31

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Stubbs Co The, Cor John R and Elizabeth .. Cherry 2404

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Aluminum.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E ..... Cadillac 2828
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Aluminum (Granulated & Shot).
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Tree & Fleming, Lincoln bldg ..... Main 2382

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Artificial Flowers.
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Du Pont Fabrikoid Company, Dime Bank bldg ..... Cadillac 5708

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Egry Register Co The (R R Hart Sales Agt), Smith bldg ..... Main 270
Globe Register Co The, (Gregory-Mayer & Thom), 19 Cadillac sq ..... Main 524

Automobile Engine Drain Cocks & Gasoline Cocks.
Lincoln Brass Works, 291, 12th ..... Glendale 18

Automobile Fenders.
Parish Mfg Co, 1666 Mt Elliot av ..... Ridge

Automobile Glasswrk, Windshield, Headlight & Gauge.
Jarratt D R & Co, 21 Warren av West ..... Grand 22

Automobile Hardware.
Smith Jos N & Co, 2461-2491 E Grand bl .. North 6

Automobile Lamps, Hoods, Gas Tanks & Bodies.
American Auto Radiator & Fender Repair Co The, 1117 Woodward av ..... North

Automobile Leather Parts
Detroit Leather Works, 141-143 LaFayette bl E ..... Main 3

Automobile License Numbe Plates.
Wolverine Stamping Co, 1565 Russell ..... North 2

Automobile Locks.
Defender Auto Lock Co, Free Press bldg .. Cherry

Automobile Oils.
Indian Refining Co, (Havoline Oil) Hammond bldg ..... Cherry
See our Catalog Space, page 917.

Automobile Oils & Greases
American Janitor Supply Co (Pennsylvania), 313-15 Jefferson av E ..... Main

Automobile Parts.
Motor Products Corporation, Mack av and Belt Line R R .....Hickory 720
Murphy Brothers, 75-85 Baltimore av West.North 6414

Automobile Parts, Stamping.
Parish Mfg Co, 1666 Mt Elliot av.....Ridge 90

Automobile Pressed Steel Frames.
Detroit Pressed Steel Co, 1800 Mt Elliott av.Ridge 4100
Parish Mfg Co, 1666 Mt Elliot av.....Ridge 90

Automobile Protection and Service.
Automobile Owners Service Bureau, 1146 Penobscot bldg .....Cadillac 1984

Automobile Radiator, Lamp & Fender Repairs.
John R Radiator Co (The), 171 John R.Cadillac 6717-W

Automobile Radiator Repairing.
Buffalo Auto Radiator & Fender Repair, 23 Maple.....Cherry 5788
See our Catalog Space, page 1000.

Automobile Radiator Repairs.
Detroit Radiator & Lamp Co, 188 Grand River .....Cherry 1288

Automobile Radiators.
National Can Co, E Grand bl at Dequindre..North 3300

Automobile Radiators, Fenders, Lamps & Bodies.
General Radiator & Fender Repair Co, 99 Winder .....Cherry 4569-J

Automobile Steering Wheels
Neville Steering Wheel & Mfg Co, 139 Beaubien .....Cadillac 4308

Automobile Step Hangers.
Parish Mfg Co, 1666 Mt Elliot av.....Ridge 90

Automobile Tires & Accessories.
Boulevard Tire & Supply Stores Inc, 1881 Jefferson av E.....Edgewood 602

Automobile Top and Upholsterers Materials.
E I Du Pont Fabrikoid Company, Dime Bank bldg .....Cadillac 5708

Automobile Tops.
Martin Auto Trimming Mfg Co, 315 Riopelle.Cherry 3516
Mobile Top Co, 16 Atwater .....Cherry 4046

Automobile Trimmings.
Martin Auto Trimming Mfg Co, 315 Riopelle.Cherry 3516

Automobile Wind Shields.
Dosworth Mfg Company, Dubois and Franklin .....Edgewood 589

Automobiles, Sight Seeing.
Detroit Sight Seeing Co, 81 and 83 Woodard av ..... Main 1029

Axle Mnfrs. (Automobile).
Timken Motor Axle Co, North Detroit.....Ridge 2640
Timoler Axle Mfg Co, Military av & Wabash R R .....Cedar 2820

Babbitt Metals.
Union Smelting & Refining Co Inc, 32 Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals, Anti-Friction.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals, Copper, Hardened.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals (Nickel) for High-Speed Motors.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Babbitt Metals, Solders, White Metal Alloys.
Jacobson I M & Sons Co, 70-72 Catherine.Cherry 4574

Babbitt—Rolling Mill.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Ball Bearings.
Ahlberg Bearing Co, 790 Woodward av..Glendale 539
Fafnir Bearing Co, David Whitney bldg....Cherry 1936
Standard Roller Bearing Co, 936 Woodward av .....Glendale 4829

Ball Bearings, Reground & New, All Makes & Special.
Ahlberg Bearing Co, 790 Woodward av..Glendale 539

Bank Fixtures.
Bolles J E Iron & Wire Works, 288 E Milwaukee av.....North 6123

Bank & Office Railings—Wire & Wrought Iron.
Michigan Iron & Wire Works, Sheridan & St Paul avs.....Edgewood 107

Bank, Office & Store Fixtures.
Buekers J H Mfg Co, 65 to 73 Catherine....Main 1674

Bank, Store & Office Fixture Mnfrs—Wood & Steel.
Standard Cabinet & Construction Co, 154 Wayne .....Cherry 6414

Banks.
Highland Park State Bank of Detroit, 43 W Fort.....Cadillac 6820
National Bank of Commerce, 44 W Fort....Main 6010

Barrels.
Harris Chas W, 224 W High.....Glendale 2700
McMann J W & Son, 51 to 61 Osborne pl...North 6430

Barrels (Second Hand)
Empire Barrel Co, 371-375 Clinton....Edgewood 1805
Krell Brothers, Antoinette & 12th & G T R R.North 3622
Standard Barrel & Bag Co, 1745-1805 Mt Elliott .....Ridge 3100

Barrels & Bags (New & Second Hand).
Michigan Barrel & Bag Co, 283 and 285 Franklin .....Main 3192

Barrels—Steel Shipping.
Welded Steel Products Corporation, Hart & Charlevoix .....Hickory 1898

Bars for Re-Inforced Concrete.
Corrugated Bar Co, Penobscot bldg.....Cherry 5040

Beds, Metal, Springs, Mattresses & Pillows.
Jenns & Muir Mfg Co, 1441 Hastings..... North 1488

Belting.
Alexander Bros Leather Belting, (Palmer Bee Co), Cameron and E Grand bl...Market 6592

Belting, Leather.
Detroit Oak Belting Co, 266 Wight....Edgewood 962
Detroit Oak Belting Co, (H D Edwards & Co), 18 Woodward av.....Main 1001

Belting, Mnfrs.
Higrade Belting & Weaving Co, ("Iwana" Hair belting), Congress bldg.....Cherry 3110

Belting, Wire Conveyor.
Page Steel & Wire Co, 660 Fort st W....West 1621

Birds & Pets.
Ampletzer A, 806 Elmwood av.....
Detroit Bird Store, 231-233 Michigan av.Cherry 4597-J
Rayce & Passmore, 201 Jefferson av E....Main 2330

Blowers & Exhaust Fans, Mfrs.
Ilg Electric Ventilating Co, 25 Montcalm av W .....Cherry 5231

Boiler Compound—Metal Treatment.
Perolin Company of America The, White bldg .....Cadillac 2163

Boiler Purger and Oils.
Moore's Oil & Vegetable Boiler Purger Co, 2665-67 East Grand bl .....North 4890

Boilers, Engines & Machinery.
Dutton J B Machinery Co, 58 Washington bl. .....Cherry 2153

Boilers—Steam & Hot Water Heating.
United States Radiator Corporation, Broadway & Grand River av .....Cherry 2290

Bolts, Nuts and Rivets.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Bookbinders Material—Artificial Leather.
Du Pont Fabrikoid Company, Dime Bank bldg.....Cadillac 5708

Books, Science of Life, Planetary Influence.
Astro Publishing Co, Hodges bldg.....Main 819

Box Shooks.
Detroit Wire Bound Box Co, 18th & Hancock av .....Walnut 703

Boxes, Manufacturers, Corrugated and Fibre.
Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926.

Boxes, Wire Bound.
Detroit Wire Bound Box Co, 18th & Hancock av ..... Walnut 703

Boxes, Wooden.
Detroit Wire Bound Box Co, 18th & Hancock av ..... Walnut 703

Brake Lining.
Staybestos Mfg Co (S M C) (W C Ducomb Jr), (Toughest, most durable & dependable brake lining made. All sizes up to 6 inches wide), Kerr bldg.....Cherry 3096

Brake Shoes for Steam & Electric Railways.
Railway Materials Co The, Dime Bank bldg ..... Cadillac 1651

DETROIT—continued

Brass Castings, Bronze, Aluminum & Copper Castings.
City Brass Foundry Co, 421-423 MacombEdgewood 660

Brass Concentrators.
Peninsular Smelting Co, 1385 W Jefferson av .....Cedar 2760

Brass & Copper.
Cleveland Brass & Copper Mills Inc The, Dime Bank bldg.....Cherry 3695

Brass Ingots (Red and Yellow).
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Brass, Sheet, Rod, Tubing & Scrap.
Cleveland Brass & Copper Mills Inc The, Dime Bank bldg.....Cherry 3695

Brass Signs.
Detroit Name Plate Etching Co, 15 Atwater W .....Cadillac 2198

Bridges, Steel.
American Bridge Co, Beecher av and M C R R.....West 75

Brokers—Stocks & Bonds.
Wallace A W & Co, Penobscot bldg.....Cherry 2800

Bronze Ingots.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Bronze Tablets.
Bolles J E Iron & Wire Works, 288 E Milwaukee av.....North 6123

Brushes, Mnfrs.
India Palmetto Brush Co, 12th & Stanley...North 6627
Michigan Brush Co, 255 Gratiot av....Cadillac 2065-J

Calculating Machines.
Monroe Calculating Machine Co, Penobscot bldg. .....Cherry 5857
See our Catalog Space, page 905.

Can Opener & Holder for Condensed Milk Cans.
Perfo Stamping Works, 30 Bates.....Cadillac 2548

Cans.
American Can Co, Russell & Twombly sts..North 5560
National Can Co, E Grand bl at Dequindre...North 3300

Cans, Paper or Fibre.
Ritchie W C & Co, (Lou G Harris), New Telegraph bldg.....Cadillac 5376
See our Catalog Space, page 987.

Canvas Tarpaulins, Covers. Stock & to Order.
Dafoe-Eustice Co, 340 E Jefferson.....Main 1211

Carburetor Pit Cocks.
Lincoln Brass Works, 291, 12th.....Glendale 1886

Carburetors.
Gardner Carburetor & Brass Works, 201 Summit .....West 201
Penberthy Injector Co, 862 Holden av.....North 904

Carpet Cleaners and Rug Weavers.
Detroit Rug Works, 52 Baltimore av E....Market 6090

Cars—Mining and Industrial.
Russell Wheel & Foundry Co, Chene & Belt Line R R .....Ridge 3260

Case Hardening Materials.
Park Chemical Co, 29-35 Lovett .....Walnut 4481

Castings.
Wilkinson E F & Co, Fort and 14th.....West 1545

Castings—Gray Iron.
Russell Wheel & Foundry Co, Chene & Belt Line R R .....Ridge 3260

Cellar Drainers.
Penberthy Injector Co, 862 Holden av.....North 904

Cement Floor Hardeners.
Trus-Con Laboratories The, Caniff & G T R R .....Hemlock 2727

Chains, Silent.
Morse Chain Co, 1003 Woodward av.....North 4943

Chemists, Bacteriologists, Metallurgists.
Detroit Testing Laboratory The, 674 Woodward av.....Glendale 5182

Chemists, Inspectors, Testing Engineers.
Perry Testing Laboratory 5th st & M C Docks .....Cherry 5375

Chewing Gum.
Velvet Mint Gum Company (Mnfrs of Ball Chewing Gum & Vending Machines) 139 Beaubien .....Cadillac 23-J

Chucks, Quick Change, Drill Top, Etc.
Modern Tool Co (H T White, Mgr), Dime Bank bldg.....Cherry 1342

Cigars, Jobbers.
Watson Harry W Company, 170-172 Jefferson E ..... Cherry 2941

Cigars, Manufacturers.
Davis Cigar Company, 801 Hasting.....Ridge 3384-J
La Azora Cigar Co, 222-258 E Forest av..Ridge 1023
Mahoney J H, 562 Gratiot av.....Ridge 2898

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Dime Bank bldg.....Cadillac 6219

Coal.
Addy Matthew Co The, Dime Bank bldg..Cherry 4661

Collecting Agencies.
Warren Mercantile Agency The, Stevens bldg. .....Cherry 3162
See our Catalog Space, page 934

Collecting Agencies & Mercantile Adjustments.
Bureau of Credits, Majestic bldg.....Main 5641
Coad Herbert H, Park bldg.....Cherry 4385

Columns.
Detroit Column & Mfg Co, Holden av & M C RR .....North 233

Commercial Agencies.
Bureau of Credits, Majestic bldg.....Main 5641

Commercial Photographers.
Spencer & Wyckoff, Smith bldg.....Cherry 1257

Composition Capitols.
Detroit Column & Mfg Co, Holden av & MC RR .....North 233

Concrete Re-Inforcing—Bars & Mesh.
Corrugated Bar Co, Penobscot bldg.....Cherry 5040

Containers—Corrugated & Fibre.
Detroit Wire Bound Box Co, 18th & Hancock av .....Walnut 703

Contractors & Builders—Mason.
Rogowski Bros & Co, Canfield av & G T R R.Ridge 5708

Cooperage & Cooperage Stock.
National Manufacturing Co, Dime Bank bldg.Main 4788

Copper.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), 74-76-78 Fort st E .....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Copper, in Rolls & Sheets.
Cleveland Brass & Copper Mills Inc The, Dime Bank bldg .....Cherry 3695

Coppersmiths.
Sommers & Sons Inc, 835 Superior .....Ridge 1876

Core Ovens.
Detroit Fire Brick & Furnace Co, Peter Smith bldg .....Cherry 2758

Corrugated Paper.
Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926

Corrugated Shipping Cases.
Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926.

Couplings, Ball Bearing.
Universal Products Co The (Universal), Woodbridge and Beaubien.....Cadillac 2847
See our Catalog Space, page 964

Cranes.
Northern Engineering Works, 2 Chene.....East 3280

Credit Reporting.
Bureau of Credits, Majestic bldg.....Main 5641

Credit Service Specialist.
Kephart C E, Dime Bank bldg.....Cadillac 3464
See our Catalog Space, page 937

Cutters.
Fisher Tool & Supply Co, "Woodruff Key Way," 40-42 Larned E.....Cherry 398[illegible]

Cutters, Milling.
Detroit Twist Drill Co, 634-46 W Fort.....West 3[illegible]

Cutters (Milling) Re-Cut.
Peninsular Tool Salvage Co, 45 East Fort...Cherry 424[illegible]

Cyanide Hardening Compound.
Park Chemical Co, 29-35 Lovett.....Walnut 448[illegible]

Cylinder Reboring Tools.
Universal Tool Company The, 916 Beaubien.Ridge 33[illegible]

Decorators, (For Conventions, Banquets, etc.)
National Flag Decorating Co, 52 Woodward av .....Cherry 842[illegible]

Detective Agencies.
Brown Cameron C, Brook bldg.....Cadillac 66[illegible]
Burns Walter J Inc, Hammond bldg....Cadillac 2[illegible]
Burns Wm J, International Detective Agency, The Inc, Dime Savings Bank bldg.....Cherry 2[illegible]
See our Catalog Space, page 938
Metropolitan Detective Agency Inc, Breitmeyer bldg.....Cadillac 6[illegible]
Murphy Secret Service, Penobscot bldg....Main [illegible]
O'Neil Secret Service, Vinton bldg, cor Woodward av & Congress.....Cherry 2[illegible]
Sterling Secret Service, Penobscot bldg..Cadillac 1[illegible]
Watts & Whelan, Peter Smith bldg.....Main 2[illegible]

Detective Agency Corporation Industrial Specialists.
Burns Walter J Inc, Hammond bldg....Cadillac 281

Diamonds—Bortz & Carbon.
Modern Diamond Tool Co, Marquette bldg Cherry 2989-J
Wheel Trueing Tool Co, Ford bldg.....Cherry 3440

Diamonds, Importers & Mnfrs.
Segal Jacob & Co, Liggett bldg.....Cadillac 3385

Dictaphones.
Columbia Graphophone Co, 401 Woodward av.....Cadillac 1855

Die Castings.
Alloy Die Casting Co, 80 E Fort.....Main 3695

Die Heads (Self Opening & Adjustable).
Geometric Tool Co The (The Chas A Strelinger Co Rep) 43-51 E Larned.....Main 5605

Dies.
Woodworth-Cook Tool Co, 765 Clay.....North 5009

Dies, Jigs & Tools (Makers).
Murphy Brothers, 75-85 Baltimore av West.North 6414
Woodworth-Cook Tool Co, 765 Clay.....North 5009

Dies, Jigs—Tools and Special Machinery.
Acme Manufacturing Co, 355-57 Howard...Cherry 6806

Dies, Self-Opening & Adjustable.
Modern Tool Co, (H T White, Mgr), Dime Bank bldg.....Cherry 1342

Dies, Solid Adjustable.
Modern Tool Co, (H T White, Mgr), Dime Bank bldg.....Cherry 1342

Dies, Tools, Jigs & Fixtures.
National Production Co, cor Berlin & Bellevue.....Ridge 2549

Directory Publishers.
Donnelley Reuben H Corporation The, (Publishers Classified Telephone Directories), Penobscot bldg.....Cherry 1381

Dog Kennels, Boarding, Expert Trimmer & Handler.
Golden Rule Kennels, Rear 176 Bogg.....Grand 4624

Drilling Machines.
Detroit Tool Co, 1483 St Antoine.....North 4847

Drills—Re-Cut.
Detroit Reamer Salvage Co, 822 Warren av West.....Walnut 3776

Drills—Twist, Carbon and High Speed.
Fisher Tool & Supply Co, 40-42 Larned E..Cherry 3980
Whitman & Barnes Mfg Co The, (C D Eno, Agt), 60 Moore pl.....Walnut 2631-M

Drug Store Fixtures Mnfrs.
Buckers J H Mfg Co, 65 to 73 Catherine....Main 1674

Dumb Waiters.
Buhl Sons Co (Sedgwick Machine Works, Inc.) 103-15 Woodbridge W.....Main 5165
See our Catalog Space, page 943.
Ball T B Co The (Sedgwick Machine Works, Inc), 114 Woodward av.....Cherry 5000
See our Catalog Space, page 943.

Easels—Cardboard.
Stand Pat Easel Co, 45-49 Fort E.....Cherry 4188-R

Ejectors.
Penberthy Injector Co, 862 Holden av.....North 904

Electric Elevators.
Kaestner & Hecht Co, 9 Fort E.....Cherry 2394

Electric Lighting Fixture Parts.
Blake W M Mfg Co, 97 E Congress....Cadillac 3622

Electric Meters and Instruments.
Clark Electric Meter Co, 1330 Twelfth...Walnut 4979

Electro Platers.
Central Plating Co, 76 State.....Cherry 1182-J

Electro—Plating Supplies.
Stevens Frederic B, cor Larned & Third.....Main 2470

Electrotype—Stereotype, Wax Engraving.
Michigan Electrotype & Stereotype Co, 173 W Fort.....Main 1972

Electrotypers.
Adzit Electrotype Co, Joseph Mack bldg, 63 Elizabeth.....Cadillac 5388

Elevator Cabs & Enclosures.
Bolles J E Iron & Wire Works, 288 E Milwaukee av.....North 6123

Elevators.
Kaestner & Hecht Co, 9 Fort E.....Main 3748

Emery Cloth, Sand Paper & Garnet Paper.
United States Sand Paper Co, (A J Greene, Representative), 30-32 Woodbridge av Cherry 2571-B

Employment Agencies.
Conway Employment Agency, 131 Wayne.Cadillac 5992
Rudolph's Employment Agency, 149 3d..Cherry 2444

Employment Agencies, Office Help a Specialty.
Detroit Bond & Reference Co Inc, Empire bldg.....Main 1471

Enamel.
Trus-Con Laboratories The, Caniff & G T R R.....Hemlock 2727

Enameling—Porcelain.
Porcelain Enameling & Mfg Co, 1263 Bellevue av.....Ridge 1627

Engineers (Consulting Mechanical & Electrical).
Pratt & Henderson Power Plant & Industrial Plants, 30 Bates.....Cherry 4476

Engineers—Mechanical.
Gruenberg Walter A, Sun bldg.....Cherry 5379
See our Catalog Space, page 946.

Engineers, Mech. Designing, Mfg. Contrs. Financing.
Smith Sidney, Shurly bldg.....Cherry 3255

Engineers, Metallurgical, Consulting & Contracting.
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758

Engines, Boilers & Machinery.
Dutton J B Machinery Co, 58 Washington bl.Cherry 2153

Envelope Sealers and Stamp Affixers.
Mail-O-Meter Sales Co, 1097 E Jefferson av.....Edgewood 1084

Envelopes.
Frank L C, 46 Jefferson av.....Main 654
Tullar Envelope Co, 45 Congress West.....Main 2771

Fabrikoid Leather Substitutes.
Du Pont Fabrikoid Company, Dime Bank bldg.....Cadillac 5708

Factory Supplies.
Strelinger Chas A Co, 43-51 East Larned...Main 5605

Fans, Blowers & Exhausters Mfrs.
Ilg Electric Ventilating Co, 25 Montcalm av W.....Cherry 5231

Fences, Iron.
Bolles J E Iron & Wire Works, 288 E Milwaukee av.....North 6123

Fences, Wire & Iron.
Cyclone Fence Company, Penobscot bldg..Cherry 5040
See our Catalog Space, page 953.
Page Steel & Wire Co, 660 Fort W.....West 1621

Fibre.
American Vulcanized Fibre Co, Kresge bldg.....Cadillac 816

Fibre Containers.
American Can Co, Russell & Twombly.....North 5560

Fibre Shipping Containers.
Mid-West Box Co, Majestic bldg.....Cherry 1795
See our Catalog Space, page 926.

Files.
Detroit Vixen Company, "Vixen," Congress bldg, 34 Congress W.....Cherry 3110

Fire Brick.
Detroit Clay Products & Sand Co, 816 Kresge.....Cadillac 5381
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758

Fire Clay.
Detroit Clay Products & Sand Co, 816 Kresge.....Cadillac 5381

Fire Extinguishers.
Fyr-Fyter Co The (H J Lindsley, Mgr), Moffat bldg.....Main 2668

Fire Proof Doors & Windows
Reliance Fireproof Door Co (J W Rollinson), Penobscot bldg.....Main 4135

Flooring (Composition) Sanitary Fireproof.
Marbleloid Company The, Dime Bank bldg.Cadillac 6658

Floors, Cement Floor Finish.
Grauer Albert & Co (Bruner System) 216 Columbia E.....Main 2694

Florists.
Breitmeyer's John Sons, 26 Broadway.....Main 4260

Florists' Designs (Wire).
Detroit Wire Lamp Shade Co, 26½ Park pl.....Cherry 1151

Flour Mill Machinery.
Dutton J B Machinery Co, 58 Washington bl.Cherry 2153

Forge Works.
United Forge & Machine Co, 527-533 Franklin.....East 3033

Forgings.
Obenberger John Forge Co (Niedermiller & Ewald), 965 Woodward av.....Grand 4146
See our Catalog Space, page 956.
Williams White & Company, Dime Bank bldg.....Cherry 1181

DETROIT—continued

Foundry Engineers.
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758

Foundry Facings, Supplies & Equipment.
Detroit Clay Products & Sand Co, 816 Kresge .....Cadillac 5381

Foundry Supplies.
Stevens Frederic B, cor Larned & Third sts..Main 2470

Furnaces—Annealing, Forging & Heat Treatment.
Bellevue Industrial Furnace Co, 703-711 Bellevue av .....Ridge 2727
See our Catalog Space, page 957
Detroit Fire Brick & Furnace Co, Peter Smith bldg.....Cherry 2758
General Combustion Co, Dime Bank bldg .....Cherry 3676
Standard Fuel Appliance Co, 1646 Woodward av .....Market 4943

Furnaces—Electric, Laboratory & Industrial.
Hoskins Mfg Co, 469 Lawton av.....Walnut 2865

Furnaces—Hardening & Tempering.
Standard Fuel Appliance Co, 1646 Woodward av .....Market 4943

Furnaces, Oil, for Forging, Heat Treating, Etc.
Railway Materials, Co The, Dime Bank bldg .....Cadillac 1651

Garnet Paper, Sand Paper & Emery Cloth.
United States Sand Paper Co (A J Greene Repr) 30-32 Woodbridge av.....Cherry 2571-R

Gaskets (Copper, Asbestos).
McCord Mfg Co, Grand bl & Orleans.....North 3332

Gaskets (Paper).
McCord Mfg Co, Grand bl & Orleans.....North 3332

Gear Cutting—Contract Work.
Western Gear Mfg Co, 1040-1044 Scotten.Walnut 1808

Gear Hobbing Machines.
Barber-Colman Company, 790 Woodward av .....Glendale 484

Governors, Motor Truck.
Monarch Governor Co, 12th & Bethune W.Market 6358

Graphite—Refiners.
Cummings-Moore Graphite Co, 672 Atwater E .....Edgewood 3087

Grass & Field Seeds.
Dickinson Albert Seed Co The, Chamber of Commerce bldg.....Cherry 2377

Grease Cups.
Penberthy Injector Co, 862 Holden av.....North 904
Winkley Company The, 866 Warren W..Walnut 2635

Grinding Machines (Chaser or Die).
Geometric Tool Co The (The Chas A Strelinger Co Rep), 43-51 E Larned.....Main 5605

Grinding Machines, Plain, Universal & Internal.
Modern Tool Co (H J White, Mgr) Dime Bank bldg .....Cherry 1342

Grinding Wheels.
Detroit Grinding Wheel Co, cor Jefferson & Field avs .....Edgewood 14

Hides, Fur & Tallow.
Behr Bros Co, 353-57 Gratiot av.....Main 330

Hobs (Gear & Worm Gear).
Michigan Tool Co, 264-270 E Jefferson av.Cadillac 2655

Hobs—Gear & Worm Wheel.
Barber-Colman Company, 790 Woodward av .....Glendale 484

Hoists—Electric.
Northern Engineering Works, 2 Chene..Edgewood 3280

Hollow Tile.
Detroit Clay Products & Sand Co, 816 Kresge .....Cadillac 5381

Hose Clamps.
Bartlett Mfg Co, 44 Lafayette av E.....Cherry 2189

Hotel Brokers.
Aubrey W H & Co, Union Trust bldg.....Main 2901

Hotels.
Hotel Ste Claire, Randolph, cor Monroe....Cherry 95

Hotels, Furnished Apartments.
Lawrence Apartments, 78 W High.....Cadillac 3485

Hydrometers—Unbreakable Made from Pure Celluloid.
Luthy Hydrometer Co, University bldg...Cherry 575-R

Ice Cream Cones.
Detroit Cone Co (Mnfrs and Wholesale High Grade Cones) 195 Trumbull av.....Cherry 6862
Royal Cone Company The (Specializing in quantity shipments. Write for samples) 533 Franklin .....Edgewood 2873

Ice Making & Refrigerating Machinery.
Detroit Ice Machine Co, 115-117 State....Cherry 3750

Ingots—Aluminum Pure & Alloys.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E..Cadillac 2828
See our Advertisement, page 82, First Page Opposite Section 1.

Injectors, Mnfrs.
Penberthy Injector Co, 862 Holden av.....North 904

Iron Fences, Railings, Gates, Etc.
Michigan Iron & Wire Works, Sheridan & St Paul avs .....Edgewood 107

Iron Stairways, Spiral.
Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

Iron & Steel—Scrap.
Frank Bros Iron & Metal Co, E Grand bl & Orleans .....North 4529

Janitors Cleaning Materials.
American Janitor Supply Co, 313-15 Jefferson av E.....Main 1582

Jigs, Tools and Fixtures.
Woodworth-Cook Tool Co, 765 Clay.....North 5009

Joints, Ball Bearing, Universal.
Universal Products Co The, Woodbridge and Beaubien .....Cadillac 2847
See our Catalog Space, page 964.

Labels (Lithographed).
Stubbs Co The, cor John R & Elizabeth.....Cherry 2404

Labels—Gummed, Embossed, Metal.
Stanley Manufacturing Co The (W J Breuckman Agt) Ford bldg.....Cherry 5791

Lactic Acid Mfrs.
Detroit Organic Chemical Co, Dime Bank blg.Main 286

Lamp Shades (Wire).
Detroit Wire Lamp Shade Co, 26½ Park pl .....Cherry 1151

Lawyers, Commercial & General Practice.
Ellmann James I, Penobscot bldg.....Cadillac 7400

Lead, Ingots, Pig & Sheet.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals), 74-76-78 Fort E...Cadillac 2828
See our Advertisement, page 82, First Page Opposite Section 1.

Lead Pipe—Tin Pipe.
Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008.

Leather Belting.
Alexander Bros Leather Belting (Palmer-Bee Co) Cameron & E Grand bl.....Market 6592

Leather Packing, Hydraulic & Pneumatic.
Michigan Leather Packing Co, 110 St Antoine .....Cherry 1519

Leather—Substitutes—Imitation—Artificial.
Du Pont Fabrikoid Company, Dime Bank bldg.....Cadillac 5708

Levels.
Sand J & Sons, 1023-29 Rivard.....Ridge 6097

Lighting Fixtures, Electric, for All Purposes.
Reflectolyte Company The (Frank Adam Electric Co, Distributors), Ford bldg.....Cadillac 7604
See our Catalog Space, page 969.

Lithographers.
Edwards & Deutsch Lithographing Co (Karl F F Kurth, Repr) Free Press bldg.....Cadillac 2490

Lithographers—Offset.
Stubbs Co The, cor John R & Elizabeth....Cherry 2404

Lockers.
Federal Steel Fixture Co, 245 Larned E..Cadillac 6450

Lockers—Steel.
Medart Fred Mfg Co (Detroit Fire Door Co Rep) Dime Bank bldg.....Cherry 3856

Loose Leaf & Blank Books.
Gregory Mayer & Thom Co, Cadillac Square..Main 5240

Lunch Boxes—Folding.
Motz Wm E Co, 1197 Michigan av.....West 838-

Machine Tools & Woodworking Machinery.
Riverside Machinery Depot, 21-29 St Aubin av .....Edgewood 158

Machinery.
Strelinger Chas A Co, 43-51 E Larned.....Main 560

Machinery, Bulldozers.
Williams White & Company, Dime Bank bldg .....Cherry 11

Machinery, for Forging, Rolling and Bending.
Williams White & Company, Dime Bank bldg .....Cherry 11

Machinery—Hammers, Power and Drop.
Williams White & Company, Dime Bank bldg .....Cherry 1181

Machinery, Liquidators, Buyers of Entire Plants.
Frank Bros Iron & Metal Co, E Grand bl and Orleans .....North 4529

Machinery—Metal Working.
Myerson Joseph T & Son, 470-4 Euclid av.North 6020
Strelinger Chas A Co, 43-51 East Larned....Main 5605

Machinery, New and Used Power Equipment.
Williams & Harding, Chamber of Com bldg.Cadillac 7169

Machinery, Punching and Shearing.
Williams White & Company, Dime Bank bldg .....Cherry 1181

Machinery & Tools—Designed & Built.
Lambe G F, 225 Sherman.....Edgewood 2605-M

Machinery—Woodworking.
Strelinger Chas A Co, 43-51 E Larned.....Main 5605

Machinists.
Baillie C M & Co, 130 E Larned.....Cherry 103

Machinists, Contractors.
Allen A F Machine Co, 485 Baker.....West 748
Buchey Machine Co, 54 E LaFayette av.Cadillac 2949
Murphy Brothers, 75-85 Baltimore av W.....Main 6414

Machinists' Training School.
Machinist Training School, 140 Fort E.Cadillac 5115

Magnetos—Repairing, Generators & Coils.
Detroit Magneto Exchange, 192 Grand River av W .....Cherry 1288

Mailing Machines.
All-O-Meter Sales Co, 1097 E Jefferson av .....Edgewood 1084

Manufacturers Agents.
Manson Charles, Dime Bank bldg.....Main 2408

Mnfrs' Agents, Gravity Carriers, Lifting Trucks, Etc.
Mac James & Charles, Free Press bldg..Main 1497

Map Engravers, Lithographers & Publishers.
General Lithograph Co, Marquette bldg..Cadillac 3339

Marine Motors.
Marwood-Gilmore Motor Co, Empire bldg, 2499 W Jefferson av.....Cadillac 5121

Marine & Tractor Engines.
Smith Mfg Co, 45 E Fort.....Main 2052

Mechanical Training Schools (Model & Tool Making).
Liberty Mechanical Training School, 21 Lincoln .....Walnut 2756-R

Mercantile Adjustments & Collections.
Merchants Adjustment Co, Ford bldg.....Main 3820

Mercantile Agency.
Bureau of Credits, Majestic bldg.....Main 5641

Metal, Babbitt.
United Smelting & Aluminum Co Inc (Mnfrs U S Virgin Metals) 74-76-78 Fort E....Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Metal Specialties.
Auto City Sheet Metal Co, 103 Stanley av.North 5100-R

Metal Spinners.
Auto City Metal Spinning & Mfg Co, 138-140 E Fort.....Cadillac 3087
Blake W M Mfg Co, 97 E Congress...Cadillac 3622

Metal Stamping.
Wolverine Stamping Co, 1565 Russell.....North 2737

Metal Stamping (Light).
McCord Mfg Co, Grand bl & Orleans....North 3332

Metal Stamping, Drawing, Spinning.
Michigan Metal Spinning Mfg Co, 528-530 Woodbridge .....Edgewood 2104

Metals.
Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008.

Metals, New Virgin Pig.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E...Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Metals, Scrap.
Frank Bros Iron & Metal Co, E Grand bl and Orleans .....North 4529

Milk Condensing Machinery.
Sommers & Sons Co Inc, 835 Superior.....Ridge 1876

Mill Ends, Cheese Cloth, Towels, etc.
American Mill Ends Co, 27 Woodward av..Main 2268

Milling Cutters.
Barber-Colman Company, 790 Woodward av .....Glendale 484
Gorham & Goddard Co, 89-45 Congress....Cherry 196
Ingersoll Milling Machine Co The, David Whitney bldg .....Cherry 1606
Michigan Tool Co, 264-270 E Jefferson av .....Cadillac 2655
Welsmore Mfg Co, 302 E Congress.....Cherry 1992

Milling Cutters—Re-Cut.
Peninsular Tool Salvage Co, 45 E Fort....Cherry 4243

Milling Machines.
Ingersoll Milling Machine Co The, David Whitney bldg.....Cherry 1606

Milling Tools (Adjustable Hollow).
Geometric Tool Co The (The Chas A Strelinger Co Rep), 43-51 E Larned.....Main 5605

Models—Experimental Engineers.
Pratt & Henderson, 30-Bates.....Cherry 4476

Models, Experimental Work.
Wohnlick Louis J, 49 E Larned.....Cherry 1035-J

Monuments.
Franzosi R, 580 Rivard.....Cherry 6157-J
Harrison Granite Co, Kresge bldg.....Main 3113
See our Advertisement Inside Back Cover.

Monuments & Mausoleums.
Harrison Granite Co, Kresge bldg.....Main 3113
See our Advertisement Inside Back Cover.

Motor Truck Parts.
Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

Motor Truck Trailers.
Pioneer Trailer Corp The, 233-235 16th....West 1298

Motor Trucks—Flexible Suspension, Adjust to Load.
Air-O-Flex Automobile Corporation, Penobscot bldg .....Cadillac 2027

Moulding Sand.
Detroit Clay Product & Sand Co, Kresge bldg .....Cadillac 5381

Mouldings—Picture and Room.
Drinkaus Company The, 374-380 Illinois...Ridge 814

Name Plates.
Detroit Name Plate Etching Co, 15 Atwater W .....Cadillac 2198

Name Plates—Embossed, Plated & Enamel Finish.
Stanley Manufacturing Co The (W J Brueckman, Agt), Ford bldg.....Cherry 5791

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co (W W Barry Agt), Dime Bank bldg.....Cherry 4867

Nuts—Bar, Milled and Cold Punched.
Standard Screw Products Co, Bellevue and Warren avs .....Ridge 6220

Office Equipment.
Monroe Calculating Machine Co, Penobscot bldg .....Cherry 5857
See our Catalog Space, page 905.

Office Furniture & Supplies.
Gregory Mayer & Thom Co, Cadillac Square.Main 5246

Office Partitions & Railings.
Buekers J H Mfg Co, 65 to 73 Catherine....Main 1674

Offset Printers.
Stubbs Co The, cor John R and Elizabeth...Cherry 2404

Oil Cups.
Penberthy Injector Co, 362 Holden av.....North 904
Winkley Company The, 866 Warren W..Walnut 2635

Oil and Grease Guns.
Bell Pump & Mfg Co The, 74-78 Fort E..Cadillac 2345

Oils, Cutting.
Detroit Soluble Oil Co, 173 Larned W.....Main 5418

Oils, For all Purposes.
Detroit Soluble Oil Co, 173 Larned W.....Main 5418

Oils—For Steel Tempering.
Park Chemical Company, 29-35 Lovett....Walnut 4481

Oils, Motor.
Detroit Soluble Oil Co, 173 Larned W.....Main 5418

Oils, Soluble.
Detroit Soluble Oil Co, 173 Larned W.....Main 5418

Ornamental Iron & Bronze.
Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

Ornamental Iron & Wire.
Michigan Iron & Wire Works, Sheridan & St Paul avs .....Edgewood 107

Ovens—Enameling.
Young Brothers Company, 313-317 Franklin.Main 5704

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, 427 Grand River av .....Glendale 3426
See our Catalog Space, page 1020

DETROIT—continued

Oxy-Acetylene Welding.
Cottingham Welding Co, 637 Cass av. Glendale 2868
Smith-Hamburg-Scott Welding Co, 690 John R. Glendale 635

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (Anchor Packing Co), (For Oils, Alkalies & Benzol Products), 139 E Congress Main 5975

Paints (Manufacturers).
Detroit Graphite Co, 10 Twelfth West 2191
Trus-Con Laboratories The, Canif & G T R R Hemlock 2727

Paper Boxes, Corrugated & Fibre.
Mid-West Box Co, Majestic bldg Cherry 1795
See our Catalog Space, page 926.

Paper (Dealers).
Chatfield & Woods Co The (H C Langdon), Buhl blk Main 4246

Paper (Wrapping & Printing).
Chope-Stevens Paper Company, 555 W Fort. West 1500

Paper Laundry Bags.
Frank L C, 46 Jefferson av Main 654

Paper Moth-proof Bags.
Frank L C, 46 Jefferson av Main 654

Partitions, Wire & Iron.
Page Steel & Wire Co, 660 Fort W West 1621

Patent Attorneys.
Parker Ralzemond A, Moffat bldg cor Griswold and Fort Main 310

Pattern Makers.
Ajax Pattern Works, 138-140 Fort E Cherry 6451
Schneck Pattern Works, 634 Meldrum av Ridge 3167
Service Pattern Works, Bellevue and Berlin avs Ridge 4001

Patterns, Wood and Metal.
Wolverine Pattern Works, 156 Milwaukee av East North 1147

Pharmacists—Mfg.
Thompson F A & Co, 502-510 Trombley Ridge 2712

Photographers—Commercial.
American Commercial Photo Co, 48-54 State Cadillac 6489
Baker Art Studio The Baker bldg, 89-91 Park pl Main 4114

Picture Frames & Serving Trays.
Schmidt Hugo W Picture Frame Co, 38 and 40 Randolph Main 2073

Pipe Lead—Tin Pipe.
Union Smelting & Refining Co Inc, Campau bldg Cadillac 4691
See our Catalog Space, page 1008

Plasterers.
Interstate Plastering Co Inc, Ford bldg Main 3149

Platers.
Bromley Electro Plate Works, Barney Nehls Prop, 248 Brush Main 550

Platers—Auto Parts—Barrel Plating.
Bromley Electro Plate Works, Barney Nehls Prop, 248 Brush Main 550

Polish Mnfrs, Auto, Furniture, Metal.
Cline J H Polish Co ("Its-It") 969 Trumbul av Glendale 6774-J

Polish Mnfrs—Liquid, Paste & Powder.
American Janitor Supply Co, 313-315 Jefferson av E Main 1582

Poultry Feed.
Dickinson Albert Seed Co The, Chamber of Commerce bldg Cherry 2377

Powders, Aluminum, Also Sheets, Rods and Wire.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E. Cadillac 2828
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Power Transmission.
Morse Chain Co, 1003 Woodward av North 4943

Press Clippings.
Detroit Clipping Bureau, Hodges bldg Cherry 128

Priming Cups.
Penberthy Injector Co, 362 Holden av North 904

Printers.
Service Printing Co, 176-178 Larned West. Cherry 2718

Printers—Offset.
Stubbs Co The, cor John R and Elizabeth Cherry 2404

Printing Machinery, Type & Supplies.
American Type Founders Co, 43-45 W Congress Cadillac 600
See our Catalog Space, page 1019.

Printing Presses—For Office and Printers.
Multicolor Sales Co, Marquette bldg Main 341

Printing Rollers.
Detroit Printers' Roller Works, 45-47 E Fort Cherry 851

Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) Penobscot bldg Cherry 1381

Pulley Covering with Heavy Cotton Carpet.
Eclipse Pulley Covering Co The, 22 E Woodbridge Cherry 2958

Pumps—Automobile Tire.
Bell Pump & Mfg Co The, 74-78 Fort E. Cadillac 2345

Pyrometers.
Brown Instrument Co The, Ford bldg Cherry 1880
Hoskins Mfg Co, 469 Lawton av Walnut 2865

Radiator Drain Cocks.
Lincoln Brass Works, 291 12th Glendale 1886

Radiators—Steam & Hot Water Heating.
United States Radiator Corporation, Bway & Grand River av Cherry 2290

Real Estate.
Bell E C Co, Dime Bank bldg Cadillac 456
Downtown Realty Co, Farwell bldg Cadillac 7615
Finn-Cummings Co, Ford bldg Cadillac 6414
Hehl John P, 181 Griswold Cadillac 932
Maloney-Campbell Realty Co, Free Press bldg Cherry 1195
Paterson Fred & Co, Penobscot bldg Cherry 5026
See our Catalog Space, page 1001.
Webster-Oliver-Streeter Co Inc, Penobscot bldg Cadillac 3448
Willard & Willard, Holden bldg Cherry 3010

Real Estate, Acreage Factory, Factory Sites.
Paterson Fred O & Co, Penobscot bldg Cherry 5026
See our Catalog Space, page 1001

Real Estate, Business Locations, High Grade Homes.
Fasquelle L J, Holden bldg Cherry 511

Real Estate, Business Locations, Leases, Factory Sites.
Asam Reece Co The, Successors to The Asam Richardson Co, Moffat bldg Cherry 669

Real Estate, Factory Sites.
Stimson Edward I, Moffat bldg Main 781

Real Estate, Investments.
Agnew A P, Stevens bldg Cherry 2153

Real Estate, Investments, Business Properties.
Paterson Fred O & Co, Penobscot bldg Cherry 5026
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Reamers.
Arrow Tool & Reamer Co, 322 Artillery av Cedar 2793
Detroit Twist Drill Co, 634-46 W Fort West 373
Whitman & Barnes Mfg Co The (C D Eno Agt) 60 Moore pl Walnut 2631-M

Reamers—Carbon & High Speed.
Fisher Tool & Supply Co, 40-42 Larned E Cherry 3980

Reamers—High Speed.
Welsmore Mfg Co, 302 E Congress Cherry 1992

Reamers—Re-Cut.
Detroit Reamer Salvage Co, 822 Warren av West Walnut 3776

Reamers—Repaired.
Peninsular Tool Salvage Co, 45 East Fort. Cherry 4243

Reams.
Arrow Tool & Reamer Co, 332 Artillery av Cedar 2793

Refrigerator Builders.
Chrysler & Koppin, 819-25 Warren av W Walnut 98

Restaurant Outfitters.
Buekers J H Mfg Co, 65 to 73 Catherine Main 1674

Rods, Aluminum, Also Ingots, Pigs, Sheets & Wire
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E. Cadillac 282
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Roller Bearings, Taper.
Standard Roller Bearing Co, 936 Woodward av Glendale 482

Roofing Tile.
Ludowici-Celadon Company, Ford bldg Cherry 631

Rope, Cordage.
Gransden C L & Co, 12 Griswold Cherry 642

Rubber Cloth.
Du Pont Fabrikoid Company, Dime Bank bldg Cadillac 570

Rubber Stamps.
Dietterich & Dietterich, 998 Mt Elliott cor Gratiot Ridge 3010-

Rubber Stamps, Seals & Stencils.
Huron Rubber Stamp Works, 83 W Fort Main 11

Rug Weavers & Carpet Cleaners.
Detroit Rug Works, 52 Baltimore av E....Market 6090

Rust Proofing.
Parker Rust Proof Co of America, 15-38 Conant av.....Ridge 23

Rust Proofing (Sherardizing).
Wise Electro Sherardizing Co, 120 Eighth.Cherry 6844

Salvaging Tools.
Peninsular Tool Salvage Co, 45 E Fort....Cherry 4243

Sand Paper, Emery Cloth & Garnet Paper.
United States Sand Paper Co (A J Greene Rep) 30-32 Woodbridge av .....Cherry 2571-R

Sauce, Chinese.
Imperial Soy Company ("Imperial Soy") 965 Michigan av .....West 1356

Saws Hack & Metal Band Saw Machines.
Barnes Saw & Equipment Co, 40 Fort E...Cherry 3834

Scrap, Aluminum & Metals (Buyers of).
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E.Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Scrap Iron.
Frank Bros Iron & Metal Co, E Grand bl and Orleans .....North 4529
Kramer H & Co, 627-637, 24th.....West 1892
Peerless Iron & Metal Co, Penobscot bldg ..... Cadillac 7565

Scrap Iron & Metals.
Kramer H & Co, 627-637, 24th.....West 1892
Peerless Iron & Metal Co, Penobscot bldg ..... Cadillac 7565

Scrap Iron & Metals, Sheet Steel for Stamping.
Kramer J, 24 Western Market.....Glendale 4203

Screw Machine Products.
American Screw Products Co, 234-236 Napoleon ..... Cadillac 3668
Brown-McLaren Mfg Co, 109 Larned E..Cadillac 1866
Detroit Screw Works, Riopelle and Franklin..Main 3766
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Murphy Bros, 75-85 Baltimore av West.....North 6414
Progressive Machine Screw Co, 169 Howard .....Cadillac 6472
Snyder-Barr Screw Co, Farrand Power bldg..North 1091
Standard Screw Products Co, Bellevue and Warren avs .....Ridge 6220

Screws—Cap, Machine, Nuts S F Hex & Castled.
Federal Screw Works, 14 Duffield.....Cadillac 2544

Screws—Cap Set and Special.
Standard Screw Products Co, Bellevue and Warren avs .....Ridge 6220

Screws—Set, Cap & Machine.
Detroit Screw Works, Riopelle and Franklin..Main 3766
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Sealing, Mailing & Envelope Stamping Machines.
Mail-O-Meter Sales Co, 1097 E Jefferson av .....Edgewood 1084

Seeds.
Dickinson Albert Seed Co The, Chamber of Commerce bldg.....Cherry 2377

Shafting.
Union Drawn Steel Co, 69 Jos Campau av...East 3394

Shapes & Elevator Guides.
Union Drawn Steel Co, 69 Jos Campau av...East 3394

Sheet Metal Work.
Auto City Sheet Metal Co, 103 Stanley av.North 5100-R
Deuel Charles C Co, 75 Jones.....Main 3618
See our Catalog Space, page 1007.
Sommers & Sons Co Inc, 835 Superior.....Ridge 1876

Sheet Metal Working Machinery.
Magee Sheet Metal Machinery Co (One Pass Wiring & Edging Machines) 728 Vermont av .....Glendale 1047

Sheets, Aluminum, Lead, Zinc and Copper.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E..Cadillac 2828
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Sherardizing, Rust Proofing.
Wise Electro Sherardizing Co, 120 Eighth..Cherry 6844

Shoe Findings.
Du Pont Fabrikoid Company, Dime Bank bldg.....Cadillac 5708

Sidewalk Lights, Reinforced Concrete.
Grauer Albert & Co (Bruner System), 216 Columbia E .....Main 2694

Skylights, Reinforced Concrete.
Grauer Albert & Co (Grauer System) 216 Columbia E .....Main 2694

Smelters.
Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
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Smelters & Refiners.
Peninsular Smelting Co, 1385 W Jefferson av .....Cedar 2760

Soaps and Greases.
Detroit Soluble Oil Co, 173 Larned W.....Main 5418

Soaps, Liquid (Antiseptic).
American Janitor Supply Co, 313-315 Jefferson av E.....Main 1582

Solder.
Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals), 74-76-78 Fort E..Cadillac 2828
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Special Machinery Designed and Built.
R B L Company, 265 Jefferson av E.....Cherry 271

Special Machinery—Jigs, Tools, Gauges, Mnfrs.
Mailometer Company, 1097 E Jefferson av .....Edgewood 1084

Special Tools.
Arrow Tool & Reamer Co, 332 Artillery av..Cedar 2793

Spelter.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals), 74-76-78 Fort E..Cadillac 2828
See our Advertisement, page 32, First Page Opposite Section 1.

Stable Fixtures.
Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

Stamp Affixers and Envelope Sealers.
Mail-O-Meter Sales Co, 1097 E Jefferson av .....Edgewood 1084

Stamping—Heavy Steel.
Detroit Pressed Steel Co, 1800 Mt Elliott av.Ridge 4100

Stationers & Printers.
Gregory Mayer & Thom Co, Cadillac Square.Main 5246
Richmond & Backus Co The, 111-113 Woodward av .....Cherry 4700

Statuary, Wholesale.
Giovanni Montemazni, 590 Michigan av.....Grand 643

Steel Balls.
Standard Roller Bearing Co, 936 Woodward av .....Glendale 4829

Steel, Cold Drawn.
Dean Higgins & Co, Dime Bank bldg....Cherry 5364
Union Drawn Steel Co, 69 Jos Campau av....East 3394

Steel Heating Supplies.
Park Chemical Co, 29-35 Lovett.....Walnut 4481

Steel and Iron.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Steel, Plates and Sheets.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Steel—Pressed Channels & Special Shapes.
Detroit Pressed Steel Co, 1800 Mt Elliott av.Ridge 4100

Steel Reinforcing Bars.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Steel—Sheet for Stamping.
Clayman & Rosen, Ford bldg.....Cadillac 6753

Steel, Structural.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Stokers, Automatic.
Murphy Iron Works, Foot of Walker...Edgewood 1114

Storage Batteries (Mnfrs).
Universal Battery Service Co, 1192 E Jefferson av .....Edgewood 1442

Store Fixtures and Refrigerators, Mnfrs.
Reliable Store Fixture Co, 305 Gratiot av.Cherry 4399

Store Fixtures, Refrigerators—Stock Buyers.
Michigan Store Fixture Co, 337-341 Gratiot av .....Main 4090

Store Fixtures—Special Cabinet Work.
Buekers J H Mfg Co, 65 to 73 Catherine.....Main 1674

Structural Iron and Steel.
National Iron Works The, Berlin & M C Belt Line .....Ridge 3234
Russel Wheel & Foundry Co, Chene & Belt Line R R .....Ridge 3260

Structural Steel.
American Bridge Comapny, Beecher av and M C R R .....West 75
Bolles J E Iron & Wire Works, 288 E Milwaukee av .....North 6123

Sweeping Compounds—Factory Office & Store.
American Janitor Supply Co, 313-15 Jefferson av E.....Main 1582

Tanks—Welded Steel.
Welded Steel Barrel Corporation, Hart & Charlevoix .....Hickory 1898

DETROIT—continued

Taps (Adjustable Collapsing).
Geometric Tool Co The (Chas A Strelinger Co Rep), 43-51 E Larned.....Main 5605
Modern Tool Co (H T White, Mgr), Dime Bank bldg .....Cherry 1342

Taxidermists.
Eppinger Lou J, 76 Congress East.....Cherry 5823
Gardiner The Taxidermist, 338 2nd av....Cherry 636

Telephones, Interior (Factories, Apartment Building).
Connecticut Telephone & Electric Co (Electrical Specialties Co), 69 State.....Cadillac 768

Threading Machines.
Geometric Tool Co The (Chas A Strelinger Co Rep), 43-51 E Larned.....Main 5605

Tiles, Roofing.
Ludowici-Celadon Company, Ford bldg...Cherry 6312

Tin.
United Smelting & Aluminum Co Inc (Mnfrs U S A Virgin Metals) 74-76-78 Fort E..Cadillac 2828
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Tool Salvaging.
Detroit Reamer Salvage Co, 822 Warren av West.....Walnut 3776
Gorham & Goddard Co, 39-45 Congress...Cherry 196
Peninsular Tool Salvage Co, 45 East Fort..Cherry 4243

Tools.
R B L Company, 265 Jefferson av E.....Cherry 271
Strelinger Chas A Co, 43-51 East Larned....Main 5605
Woodworth-Cook Tool Co, 765 Clay.... North 5009

Tools—Cylinder Reboring.
Universal Tool Company The, 916 Beaubien.Ridge 3306

Tools—Diamond Tools for all Purposes.
Modern Diamond Tool Co (Norton Landis or Special Holders) Marquette bldg..Cherry 2989-J

Tools—Dies, Jigs & Fixtures.
National Production Co, cor Berlin & Bellevue .....Ridge 2549

Tools—Drills—Cutters.
Fisher Tool & Supply Co, 40-42 Larned E...Cherry 3980

Tools—Jigs & Fixtures.
Murphy Bros, 75-85 Baltimore av West....North 6414

Tools—Special.
Welsmore Mfg Co, 302 E Congress.....Cherry 1992
Woodworth Cook Tool Co, 765 Clay.....North 5009

Toys, Mnfrs.
Globe Specialty Co, 129 Brush.....Cadillac 4387

Toys—Wood.
Detroit Column & Mfg Co, Holden av & M C RR .....North 233

Trays and Oval Frames.
Schmidt Hugo W Picture Frame Co, 38 and 40 Randolph.....Main 2073

Treads, Mason Safety.
Ryerson Joseph T & Son, 470-4 Euclid av..North 6020

Trolley Mnfrs.
Hensley Trolley & Mfg Co, 370 Holden av..North 765

Trucks, Elevating.
Lewis-Shepard Company (C A Marion Agt) Union Trust bldg.....Main 5488

Trunks.
Corn & Zeidman, 251 Gratiot av.....Cherry 789

Twist Drills.
Detroit Twist Drill Co, 634-46 W Fort.....West 375
Whitman & Barnes Mfg Co The (C D Eno Agt) 60 Moore pl .....Walnut 2631-M

Twist Drills—High Speed.
Fisher Tool & Supply Co, 40-42 Larned E...Cherry 3980

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 43-45 W Congress .....Cadillac 600
See our Catalog Space, page 1019.

Type Metals.
Union Smelting & Refining Co Inc, Campau bldg .....Cadillac 4691
See our Catalog Space, page 1008.

Typewriters—Portable.
Corona Typewriter Company Inc, 27 Lafayette bl .....Cadillac 6715

Upholstery Material—Furniture—Carriage—Auto.
Du Pont Fabrikoid Company, Dime Bank bldg.....Cadillac 5708

Vacuum Cleaners.
Eureka Vacuum Cleaner Co, David Whitney bldg.....Main 3084

Valves.
Penberthy Injector Co, 362 Holden av.....North 904

Varnish Manufacturers.
Trus-Con Laboratories The, Caniff & G T R R .....Hemlock 2727

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, 25 Montcalm av W .....Cherry 5231

Washing Machine Drain Faucets.
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Leather Belting.
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Leather Belting.
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Stampings, Metal, Tools & Special Dies.
Crossman Stamping Co The, 308 River.Ypsilanti-127-M

MANITOBA
LAKE OF THE WOODS
LAKE SUPERIOR
N. E. Corner of STATE OF MINNESOTA, SHOWING COOK COUNTY.
Longitude West from Greenwich.
RED LAKE
RED LAKE IND. RES.
WHITE EARTH INDIAN RESERVATION
MAHNOMEN
HUBBARD
KOOCHICHING
PENNINGTON
NORMAN
CLAY
OTTER TAIL
WADENA
TODD
WINONA
TRAVERSE
STEVENS
POPE
CHIPPEWA
LAC QUI PARLE
YELLOW MEDICINE
RENVILLE
BROWN
COTTONWOOD
JACKSON
MARTIN
FARIBAULT
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
FILLMORE
MOWER
HOUSTON
WABASHA
GOODHUE
DOUGLAS
STEARNS
MINNEAPOLIS, ST. PAUL AND VICINITY
MINNESOTA
SCALE
Statute Miles, 41 = 1 Inch.
Railroads
Steam and Electric

MINNESOTA

MINNESOTA

Land area	80,858
Water area	3,824
Population (Estimated)	2,296,024
White	2,059,227
Negro	7,084
All others	9,397
Foreign-born white (U. S. Census 1910)	543,010
Native white	1,516,217
Male	1,108,511
Female	967,197

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Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

Boilers & Tanks Mnfrs.

Duluth Boiler Works, 366-382 Garfield av .....Bell-Melrose 615
.....Zenith-Lincoln 15
Mesaba Boiler & Mfg Co, Garfield av .....Bell-Melrose 839
.....Zenith-Lincoln 65

Bridges, Steel.

American Bridge Co, Wolvin bldg.....Melrose 800

Dredging Contractors.

Northern Dredge & Dock Co, Providence bldg .....Bell-Melrose 2200
.....Zenith-Grand 555

Dynamite and Blasting Supplies.

Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

Electrical Supplies.

Northwestern Electrical Equipment Co, Foot of 7th av W.....Bell-Melrose 828
.....Zenith-Grand 828

Electrical Supplies Wholesale.

Universal Electrical Appliance Co, 112 E Superior .....Bell-Melrose 7659
.....Zenith-Grand 475

Explosives and Blasting Supplies.

Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

Gas Radiators, Ventilating.

Hugo Mfg Co, 49th av W & Superior .....Bell-Calumet 780
.....Zenith-Cole 515

Head Lights Hunters, Farmers, Miners, Etc.

Brilliant Search Light Mfg Co The, 24, 4th av West.....Zenith-Grand 700

Hoists & Derricks.

Clyde Iron Works, 29th Av W & Mich .....Bell-Melrose 2185
.....Zenith-Lincoln 85

Hunter's Knives—Northwestern & Western Outing.

Brilliant Search Light Mfg Co The, 24, 4th av West.....Zenith-Grand 700

Interior Finish.

Scott-Graff Lbr Co, 2402 W Michigan .....Bell-Melrose 9359
.....Zenith-Lincoln 430

Lanterns, Carbide.

Brilliant Search Light Mfg Co The, 24, 4th av West.....Zenith-Grand 700

Linens, Hotel & Hospital.

Duluth Linen Co, 228 East 1st .....Bell-Melrose 1507
.....Zenith-Grand 1507

Lockers, Steel.

Fenton Clyde R, Fargusson bldg.....Melrose 1493
Medart Fred Mfg Co (Clyde R Fenton Rep), Fargusson bldg.....Melrose 1493

Match Mnfrs. & Dealers.

Minnesota Match Mfg Co, Cor 55th & Raleigh .....Bell-Calumet 610
.....Zenith-Cole 610

Mosquito Chaser.

Brilliant Search Light Mfg Co The "Michigan Dope" 24, 4th av W.....Zenith-Grand 700

Paper Boxes, Folding & Set Up.

Duluth Paper Box Co, 122-124 W 2nd .....Bell-Melrose 1259
.....Zenith-Grand 966

Poles, Posts & Ties.

Duluth Log Co, Palladio bldg .....Bell-Melrose 1828
.....Zenith-Grand 1300

Powder and Blasting Supplies.

Du Pont de Nemours E I & Company, Fidelity bldg .....Melrose 1236

Printers & Stationers.

Stewart M I Co, 310-12 W 2nd .....Bell-Melrose 114
.....Zenith-Grand 114

Roofing & Sheet Metal Contractors.

Callan Hopkins Co, 209-11 E Michigan .....Bell-Melrose 927
.....Zenith-Grand 927

Rubber Stamps, Stencils, Seals, Etc.

Consolidated Stamp & Printing Co, 14, 4th av West.....Bell-Melrose 702
.....Zenith-Grand 755

Sash & Door Mnfrs.

Scott-Graff Lbr Co, 2402 W Michigan .....Bell-Melrose 9359
.....Zenith-Lincoln 430

Scrap Iron & Burlap Bags.

Northwestern Iron & Metal Co, 376 South 1st av East.....Bell-Melrose 774
.....Zenith-Grand 541

Scrap Iron & Metals.

West End Scrap Iron & Metal Co, 1910 W Michigan .....Bell-Melrose 3499
.....Zenith-Lincoln 480

Search Lights, Brilliant.

Brilliant Search Light Mfg Co The, 24, 4th av W.....Zenith-Grand 700

Structural Steel.

American Bridge Co, Wolvin bldg.....Melrose 800

Weather Strips.

Monarch Metal Weather Strip Co The (Clyde R Fenton Distributor) Fargusson bldg.....Melrose 1493
See our Catalog Section page 1028

FARIBAULT

Trucks, Platform, Factory, Warehouse & Store.

Nutting Truck Co, 1138 W Division ..... Bell-Faribault 150 Tri State 1650

LUVERNE

Truck & Truck Unit (Parts) for Assemblers.

Luverne Truckgear Co cor Maple and McKenzie ..... Luverne 152

MANKATO

Machine Repairing All Kinds, Auto Cylinder Grinding.

Enterprise Machinery Co, cor Front & Spring ..... Citizens 1272

MINNEAPOLIS

Accountants, Supplies for Loose Leaf Systems.

Minneapolis Ruling & Bookbinding Co, 305-311 S 5th ..... Bell-Main 3848 Tri State 33097

Acids.

Harrison Works (owned and operated by E I DuPont de Nemours & Co), 918, 4th. Nicollet 567

Addressing Machines.

Addressograph Co (Miller Davis Co Agts) 219-21 S Fourth ..... Main 171

Advertising Agencies.

Martin Mac Advertising Agency, Security bldg ..... Bell-Nicollet 288 Tri State 31188

Advertising Agents.

Armstrong Advertising Service (To Reduce Your Selling Cost) Andrus bldg ..... Bell-Nicollet 7558 Tri-State 34-004

Advertising, Classified Telephone Directory.

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) McKnight bldg ..... Bell-Main 3824 Tri State 32173

Advertising Novelties & Signs.

Finch Advertising Signs & Specialties, Metropolitan Life bldg ..... Bell-Nicollet 2797 Tri State 33961

Advertising Novelties, Signs, Window Displays.

Collins Advertising Service, Lumber Exchange ..... Nicollet 5407

Advtg Specialties (Photographic) Calendars, Etc.

Collins Advertising Service (Schafer-Ross Company Inc), Lumber Exchange ..... Nicollet 5407

Ammonia, Household, Laundry Bluing, Vinegar Mnfrs.

Bertrand H Mfg Co, 137 N 10th ..... Tri State 36592

Architects.

Burner James A Co McKnight bldg ..... Nicollet 3247

Artificial Limbs.

Minneapolis Artificial Limb Co, 226 S 4th st ..... Bell-Main 3846 Tri State 35079

Artists.

Bureau of Engraving Inc, 16 & 17 S 6th ..... Bell-Main 1592 Tri State 34315

Attorneys at Law.

Culhane Eugene J, Loeb Arcade ..... Bell-Nicollet 5136 Tri State 37400

Attorneys Patent (Copyrights & Trade Marks).

Paul & Paul, Security bldg ..... Bell-Nicollet 1390 Tri State 37579

Autographic Registers & Roll Printed Stationery.

United Autographic Register Co, Metropolitan Life bldg ..... Bell-Nicollet 1221 Tri State 32-837

Autographic Registers & Roll Printers.

Egry Register Co The (R P Schuld, Sales Agt), 248 First av North ..... Nicollet 1165
Globe Register Co The (J J Bergman) Security bldg ..... Bell-Main 1037 Tri State 33761

Automobile Accessories (Manufacturers).

Perfection Rim Tool Co Inc, 445 Temple ct ..... Nicollet 6207
See our Catalog Space, page 916.

Automobile Radiators.

Todd Manufacturing Co, 12-14 N 12th ..... Bell-Nicollet 4945 Tri State 35061

Automobile Tire Filler.

Dahl Punctureless Filler & Rim Co, 1426 Hennepin av ..... Bell-Nicollet 3434 Tri State 38430

Automobile Top & Seat Covers (Radiator Hoods).

Minneapolis Auto Top & Seat Cover Company, 1812-14 S 4th ..... Bell-Main 7270 Tri State 31406

Automobile Trucks, Tractors & Supplies.

American Auto Sales Co, Tribune Annex bldg ..... Main 1281

Awnings.

Hoigaard C J Co, 30 Washington av N ..... Bell-Nicollet 2320 Tri State 31883

Badges, (Convention) Buttons, Fobs, Novelties, Etc.

Collins Advertising Service (American Emblem Co Inc) Lumber Exchange ..... Nicollet 5407

Bags (Manufacturers).

Milwaukee Bag Co (N J Kessler), 2728 Humboldt av South ..... Kenwood 3066
Northern Bag Company, 101 S Third av ..... Bell-Nicollet 6014 Tri State 33674

Ball Bearings.

Ahlberg Bearing Co, 926 Marquette av ..... Bell-Main 5985 Tri State 34-858

Ball Bearings Reground & New, All Makes & Special.

Ahlberg Bearing Co, 926 Marquette av ..... Bell-Main 5985 Tri State 34-858

Bar Benders.

Kardong Bros, 1343 Filmore N E ..... Tri State 42725

Barrels (Flour, Apple & Butter Tubs).

North Star Barrel Co, 1415 S Fifth ..... Bell-Main 1618 Tri State 34922

Barrels, Bags, Second Hand (For All Purposes).

Minneapolis Barrel & Bag Co, 1016-36 Washington av S E ..... Bell-East 127 Tri State 42204

Baths, Sulphur & Eucalyptus (Spinal Adjustments).

Ramer Dr Val (Helios Light & Kruse System—Ladies Keep Young. Call at once) 28 W Lake ..... Tri State 52833

Belting.

Alexander Bros Leather Belting (Northern Machy Co) 503 S 6th ..... Bell-Main 514 Tri State 38351

Blowers & Exhaust Fans Mnfrs.

Ilg Electric Ventilating Co, 17 S 6th ..... Main 1269

Blue Print Machine Mnfrs.

Revolute Machine Co (Rogers & Co) 521 Marquette av ..... Main 2230

Box Machinery (Wood).

Mereen-Johnson Machine Co, 44th Av N and Lyndale ..... Bell-Hyland 3939 Tri State 46181

Boxes & Box Shooks, Mnfrs. (Wooden).

Twin City Box Fcty Inc, 9th av and 9th st S E ..... Bell-East 469 Tri State 41469

Boxes, Crates Folding (Wooden) Commercial.

Folding Crate & Box Co The, 215 Fifth N E ..... Tri State 41647

Boxes, Folding Paper.

Heywood Mfg Co, 5th av and 3d ..... Bell-Nicollet 6692 Tri State 38341

Boxes, Mnfrs, Paper.

Heywood Mfg Co, 5th av and 3d ..... Bell-Nicollet 6692 Tri State 38341

Boxes, Mnfrs., Shelf & Special.

Heywood Mfg Co, 5th av and 3d ..... Bell-Nicollet 6692 Tri State 38341

Brass, Sheet, Rod, Wire & Tube.

Irvine Sales Co, 1111-13 S 5th ..... Bell-Nicollet 6707 Tri State 34404

Brass Works.

Twentieth Century Brass Works, 514-518 5th av S ..... Bell-Main 3502 Tri State 35523

Bridges, Steel.

American Bridge Company, 7th av and 2d st S E ..... East 5720

Building Reports.

Dodge F W Co, 407 4th ..... Nicollet 4150

Business Colleges.

Minnesota School of Business, 627 First Av N ..... Bell-Nicollet 1830 Tri State 32292

Business Education for High Sch & Col Graduates.

Collegiate Business Institute, Nicollet at 10th ..... Bell-Main 4630 Tri State 37702

Cans, Paper or Fibre.

Ritchie W C & Company (L T Abbott), New York Life bldg ..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 987.
St Louis Paper Can & Tube Co (L T Abbott), N Y Life bldg ..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 928.

Canvas Covers.

Hoigaard C J Co, 30 Washington av N ..... Bell-Nicollet 2320 Tri State 31883

Cash Registers, Bought, Sold, Exchanged & Repaired.

Cash Register Exchange, 13 N 6th ..... Bell-Nicollet 7918 Tri State 32870

Ceilings, Metal.

Berger Mfg Co The (Classik Designs), 300-12, 10th av S ..... Bell-Nicollet 53 Tri State 3732

Cement Mnfrs.
Lehigh Portland Cement Co, Builders Exch bldg ..... Bell-Nicollet 3575 Tri State 38419

Cereals.
Pettijohn Pure Products Co, 2801 University S E ..... Bell-East 6778 Tri State 41429

Chains, Silent.
Morse Chain Co, 413, 3d st S ..... Bell-Nicollet 160 Tri State 32122

Chemicals.
Harrison Works (Owned & Operated by E I du Pont de Nemours & Co) 918 4th ... Nicollet 567

Circular Letters.
Commercial Letter Company, Northwestern bldg ..... Main 5332
"Kimm The Circular Man," Met Life bldg ..... Bell-Nicollet 400 Tri State 34234

Circular Letters (Commercial Printing).
Minneapolis Circular Letter Co, 327 1st av N ..... Bell-Nicollet 1779 Tri State 37882

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, Palace bldg .. Bell-Nicollet 2179 Tri State 32765

Clock & Chime Systems (Advertising) Mnfrs.
McClintock O B Co, 33 Western av ..... Bell-Nicollet 426 Tri State 37227

Collecting Agencies.
Merchants Collection Agency Inc The, N Y Life bldg ..... Bell-Nicollet 4956 Tri State 33169
Reliance Collection Service, McKnight bldg ..... Bell-Main 6913 Tri State 34239
System Adjustment Co The Palace bldg ..... Bell-Nicollet 787 Tri State 34991

Collecting Agencies & Mercantile Adjustments.
Mercantile Service Co, Andrus bldg ..... Bell-Nicollet 364 Tri State 38980

Color Manufacturers.
Harrison Works (Owned & operated by E I du Pont de Nemours Co) 918, 4th ... Nicollet 567

Commercial Photographers.
Lee Bros, 527 Marquette av ..... Bell-Main 4662 Tri State 32364

Concrete Mixers.
Koehring Machine Company, (A Sperling, Jr Dist Mgr) Plymouth bldg ..... Main 1268
Lansing Company, 517-519, 3d N ..... Bell-Main 3723 Tri State 36-711

Concrete Reinforcing Plates & Floor Cores.
Berger Mfg Co The, 300-312 10th av S ..... Bell-Nicollet 534 Tri State 37321

Contractors Equipment & Machinery.
Manufacturers Supply Co, 2309 University av S E ..... Bell-East 290 Tri State 41526

Copper, Sheet, Rod, Wire & Tubes.
Vine Sales Co, 1111-13 S 5th ..... Bell-Nicollet 6704 Tri State 34404

Derricks, Hoists & Winches, Blocks & Rope.
Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2025 Tri State 61100

Detective Agencies.
Burns Wm J International Detective Agency The Inc, McKnight bldg ..... Bell-Nicollet 1349 Tri State 34-319
See our Catalog Space, page 938.
Long Detective Agency, McKnight bldg ..... Bell-Nicollet 522 Tri State-Center 4171
Ellison Detective Service, McKnight bldg ..... Bell-Main 6746 Tri State 34715

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), McKnight bldg ..... Bell-Main 3824 Tri State 32173

Disinfectants.
McLaughlin Gormley King Co, 1715 5th S E ..... Bell-East 643 Tri State 41295

Drug Importers.
McLaughlin Gormley King Co, 1715 5th S E ..... Bell-East 643 Tri State 41295

Drug Millers.
McLaughlin Gormley King Co, 1715 5th S E ..... Bell-East 643 Tri State 41295

Drugs, Pharmaceuticals and Chemicals.
Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 Tri State 51498

Duplicate & Triplicate Sales Books for Everybody.
Cosby-Wirth Co Inc, 422-24 Washington av N ..... Bell-Nicollet 2399 Tri State 31726

Eave Trough & Conductor Pipes.
Berger Mfg Co The, 300-12, 10th av S ..... Bell-Nicollet 534 Tri State 37321

Electric Elevators, Passenger & Freight.
Lagerquist Gust, 516-518 N 3d ..... Bell-Main 1957 Tri State 37108

Electric Heating Appliances.
Despatch Manufacturing Co, 104 N 2nd st ..... Tri State 33457

Electric Light & Power Apparatus.
Lunt R L, McKnight bldg ..... Tri State 35298

Electric Lighting Fixtures for All Purposes.
Brascolite (The R M Baird Co, Distributors), 223-25 S 5th ..... Bell-Main 6436 Tri State 39013
See our Catalog Space, page 968

Electric Motors & Generators—(New and Used).
Bardin Bros Electric & Power Exchange, 1023 Washington av S ..... Bell-Main 6879 Tri State 31518

Electric Transformers & Machinery.
Lunt R L, McKnight bldg ..... Tri State 35298

Elevating and Conveying Machinery.
Rose Frank J Co, Corn Exchange bldg ..... Main 1502

Elevators, Freight & Passenger.
Lagerquist Gust, 516-518 N 3d ..... Bell-Main 1957 Tri State 37108

Employment Agencies. Banking & Com'l Help.
Minneapolis Service Co, Loeb Arcade .... Nicollet 5076

Employment Agencies for Commercial Help.
Commercial Clearing House, Palace bldg ..... Bell-Nicollet 3001 Tri State 32092

Enamel.
Harrison Works (Owned & Operated by E I du Pont de Nemours & Co), 918, 4th ... Nicollet 567

Engineers, Consulting.
Pillsbury Charles L Co, Metropolitan Life bldg ..... Bell-Nicollet 164 Tri State 37026

Engines (Heavy Duty Oil).
Enterprise Machinery Co, 1601 8th S E ..... Bell-East 7171 Tri State 42132

Engines, Boilers & Machinery.
Lunt R L, McKnight bldg ..... Tri State 35298

Engines, Oil.
Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2025 Tri State 61100

Engravers, Copper and Steel Plate.
National Engraving Co, 305 S 5th ..... Bell-Nicollet 5419 Tri State 34157

Envelopes, Catalogue Machine Made and Special.
Heywood Mfg Co, 5th av N & 3d ..... Bell-Nicollet 6692 Tri State 38341

Envelopes for Merchandise, Metal Clasp.
Heywood Mfg Co, 5th av N & 3d ..... Bell-Nicollet 6692 Tri State 38341

Envelopes, Postage Savers.
Heywood Mfg Co, 5th av N & 3d ..... Bell-Nicollet 6692 Tri State 38341

Envelopes with Transparent Front.
Heywood Mfg Co, 5th av N & 3d ..... Bell-Nicollet 6692 Tri State 38341

Engravers, Photo.
Bureau of Engraving Inc, 5817 S 6th ..... Bell-Main 1592 Tri State 34315

Fans, Blowers & Exhausters Mfrs.
Ilg Electric Ventilating Co, 17 S Sixth ..... Main 1269

Filing Cases Steel Double & Single Wall.
Berger Mfg Co The, 300-12, 10th av S ..... Bell-Nicollet 534 Tri State 37321

Fish, Smoked & Preserved, Wholesale.
Kildall Company The (Corporate title Kildall Fish Co) cor 5th av N and Washington ..... Bell-Main 1400 Tri State 39111

Foundries, Castings, Electric & Crucible Alloyed Steel.
Western Crucible Steel Casting Co, 2844 Pleasant av ..... South 2279

Fruit Nectar.
Zieve Nectar Co The, 105 N 6th ..... Bell-Nicollet 1340 Tri State 31578

Furniture (Frame Manufacturers).
Dahlin Bros & Davis Mfg Co, 515 1st av N E ..... Tri State 41357

Gears and Geared Transmission.
Lunt R L, McKnight bldg ..... Tri State 35298

Grain & Seed Cleaners.
Huntley Mnfg Co, Iron Exchange bldg .... Nicollet 1609

Grass & Field Seeds.
Dickinson Albert Seed Co The, Chamber of Commerce bldg ..... Bell-East 5700 Tri State 41321

Grocers, Wholesale.
Kildall Co The (Corporate title Kildall Fish Co), cor 5th av N & Washington ..... Bell Main 1400 Tri State 39111

Heating & Power Plants.
Kelly H & Co, 1029, 3d S ..... Bell-Main 4420 Tri State 36686

Hides, Furs & Wool.
McMillan Fur & Wool Co, 200-212 First av N ..... Bell-Main 193 Tri State 37193

Hoists, Gasoline & Electric.
Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2520 Tri State 61100

MINNEAPOLIS—cont'd

Hospital and Surgical Supplies.
Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 Tri State 51498

Hotels.
Andrews Hotel, Fourth and Hennepin av ..... Bell-Nicollet 3500 Tri State 36314
Dyckman Hotel, 6th bet Nicollet and Hennepin av ..... Bell-Main 3020 Tri State 32341
Radisson Hotel, 7th bet Nicollet and Hennepin av ..... Bell-Nicollet 2560 Tri State 34611
West Hotel, 5th and Hennepin av ..... Bell-Main 3680 Tri State 36611

Hotels (Temperance).
Hotel Hastings (New Fireproof, Bath in every room, Single $1.50 up, Double $2 up. cor 12th and Hawthorn ..... Bell-Nicollet 1702 Tri State 35262
St James Hotel, Hennepin av and 2d ..... Bell-Main 748 Tri State 34321

Hotels (Tourist).
Leamington The, 10th and 3rd av S ..... Bell-Nicollet 7140 Tri State 33611
Plaza Hotel The, 17th & Hennepin ..... Bell-Kenwood 4200 Tri State 34553

Insurance.
Hood Agency Inc The, Phoenix bldg ..... Bell-Main 621 Tri State 38344
Jones-Davis Agency, McKnight bldg ..... Bell-Main 1804 Tri State 37628

Jacks, Dolly, for Autos & Garages.
Mid-West Mfg. Co, 136-138 N 12th ..... Bell-Nicollet 7507 Tri State 32218

Junk, Scrap Iron, Iron Metals & Scrap Rubber.
Brown & Rabinowitz, 733-735 N 3d ..... Bell-Nicollet 2611 Tri State 33921

Knit Goods.
North Western Knitting Co, 716 Western av ..... Bell-Main 4409 Tri State 38611

Knit Goods (Wool Silk) Sweaters, Hockeys, Leggings.
Gopher Knitting Works, 1821-23 Washington av N ..... Bell-Hyland 2 Tri State 45500

Lath, Expanded Metal.
Berger Mfg Co The, 300-12 10th av S ..... Bell-Nicollet 534 Tri State 37321

Lawyers.
Allen & Fletcher, Andrus bldg ..... Bell-Main 1958 Tri State 31958
Deutsch Henry, Plymouth bldg ..... Bell-Nicollet 568 Tri State 37384

Leather Belting.
Alexander Bros Leather Belting (Northern Machy Co), 503 S 6th ..... Bell-Main 514 Tri State 38351

Lighting.
National X-Ray Reflector Co, (I M Kirlin, Resident Engineer), Lumber Exch ..... Main 4478

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co (Brascolite) 223 S 5th ..... Nicollet 5123
See our Catalog Space, page 968

Lighting Fixtures for all Purposes.
Brascolite (The R M Baird Co, Distributors), 223 25 S Fifth ..... Bell-Main 6436 Tri State 39013
See our Catalog Space, page 968

Lithographers.
Edwards & Deutsch Lithographing Co (T U Brown & Co, Rep), Metropolitan bldg ..... Main 805

Lithographers Box Labels & General.
Heywood Mfg Co, 5th av and 3d ..... Bell-Nicollet 6692 Tri State 38341

Lockers.
Federal Steel Fixture Co, 609, 4th av S ..... Nicollet 3541

Lockers for Clothes, Steel.
Berger Mfg Co, 300-12 10th av S ..... Bell-Nicollet 534 Tri State 37321

Lockers, Steel.
Medart Fred Mfg Co (A N Stark, Rep), Plymouth bldg ..... Nicollet 3650

Lumber-Pressed Steel Joists, Studs, Etc.
Berger Mfg Co The, 300-12 10th av S ..... Bell-Nicollet 534 Tri State 37321

Machinery—New and Second Hand.
Harris Machinery Co (Engines, Boilers, Machine Tools, Electrical and Contractors Equipment), Washington and University av S E ..... Bell-East 62 Tri State 41-062

Machinists.
Advance Machine Shop, 2613 4th st S E ..... East 558
Mechanical Appliances Mfg Co, 420-422 S 6th ..... Bell-Main 7255 Tri State 34056

Mailing Cases.
St Louis Paper Can & Tube Co (L T Abbott), N Y Life bldg ..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 928

Mailing Tubes.
St Louis Paper Can & Tube Co (L T Abbott), N Y Life bldg ..... Bell-Main 3310 Tri State 32831
See our Catalog Space, page 928

Mill Supplies.
Power Equipment Co, 214-16, 3d av N ..... Bell-Nicollet 6651 Tri State 37236

Motor Trucks.
Autocar Sales & Service Co The, (E J Sweeny Commercial Truck Co), 1306-8, 20th av N ..... Highland 1930

Name Plates.
Hayek Nameplate & Novelty Co, 1702 Washington av N ..... Tri State 47353

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co, (Irvine Sales Co, Agts), 1111 S 5th st ..... Bell-Nicollet 6704 Tri State 34404

Oil Pumps, Force & Sight Feed.
McCullough Manufacturing Co, 2632-34 Central av ..... East 1702

Orthopedic Appliances, Trusses, Etc.
Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 Tri State 51498

Ovens, Electric—Mnfrs.
Despatch Manufacturing Co, 104 N 2nd st ..... Tri State 33457

Paints.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 918, 4th ..... Nicollet 567

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 330-34 N First ..... Nicollet 3691

Paper (Dealers).
Leslie John Paper Co The, 301 5th S ..... Bell-Main 4424 Tri State 33361
Minneapolis Paper Co, 400 S 5th ..... Bell-Main 5800 Tri State 37661
Seaman Paper Co, Andrus bldg ..... Bell-Nicollet 2483 Tri State 33575
See our Catalog Space, page 990

Paper Boxes, Folding & Set Up.
Heywood Mfg Co, 5th av and 3d ..... Bell-Nicollet 6692 Tri State 38341

Paper Boxes, Folding, Set-up (Mnfrs.) Printing.
Flour City Paper Box Co, 121-123 Washington av ..... Bell-Main 5050 Tri State 31991

Paper Boxes, Parcel Post Egg Containers.
Diamond Mfg Company, 912 Mary pl ..... Bell-Main 3960 Tri State 34540

Paste & Glue.
Bentley J W & Co, 115 Plymouth av ..... Bell-Nicollet 1341 Tri State 46728

Patent Attorneys.
Williamson & Merchant, Metropolitan bldg ..... Bell-Main 963 Tri State 34551

Patent Attorneys (Trade Marks & Copyrights).
Whiteley F A, 1st Natl Soo-Line bldg ..... Bell-Nicollet 3767 Tri State 31478

Pattern Makers.
Hall John H & Co, 248 4th av S ..... Nicollet 1274

Patterns (Wood & Metal).
Minneapolis Pattern Co, 315 3rd av ..... Bell-Nicollet 5310 Tri State 33717
Twin City Pattern & Engineering Wks, 113-115, 5th S E ..... Bell East 7040 Tri State 41138

Perforating Machines.
American Perforator Co The, First Natl Soo Line bldg ..... Nicollet 2901

Pharmaceuticals, Drugs & Chemicals.
Standard Medical Supply Co, 1006 W Lake ..... Bell Kenwood 5490 Tri State 51498

Photographers, Commercial.
Bureau of Engraving Inc, 15 & 17 S 6th ..... Bell-Main 1592 Tri State 34315

Pigments.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 918, 4th ..... Nicollet 567

Piston Rings, Vapor Tight.
Baker Valve Co, 1865 E 28th ..... Bell-Drexel 1323 Tri State 52578
McCadden Sales Co, 314 S 6th ..... Bell-Main 2009 Tri State 32491

Poles (Wood).
Page & Hill Co, Plymouth bldg ..... Bell-Main 2825 Tri State 31159

Poles, Posts & Ties.
Partridge T M Lumber Co, Lumber Exch bldg ..... Bell-Main 37[illegible] Tri State 32908

Poles & Ties.
Coolidge & Schussler, Metropolitan Life bldg ..... Bell-Main 89[illegible] Tri State 37897
Valentine-Clark Co The, Security bldg ..... Bell-Main 8[illegible] Tri State 3200[illegible]

Poultry Feed.
Dickinson Albert Seed Co The, Chamber of Commerce bldg ..... Bell-East 570 Tri State 41-3[illegible]

Power Transmission.
Morse Chain Co, 413, 3d st S ..... Bell-Nicollet 16[illegible] Tri State 321[illegible]

Printers (Label & Folding Box).
Heywood Mfg Co, 5th av N and Third ..... Bell-Nicollet 66[illegible] Tri State 383[illegible]

Printers, Catalogue, Label & General Printing.
Heywood Mfg Co, 5th av N and Third ..... Bell-Nicollet 66[illegible] Tri State 383[illegible]

Printers and Stationers.
Farnham Printing & Stationery Co, 417-421 Hennepin av ..... Bell-Main 4[illegible] Tri State 383[illegible]

Printing Machinery, Type & Supplies.
American Type Founders Co, 419-23, 4th South ..... Main 7[illegible]
See our Catalog Space, page 1019

Publishers.
Donnelley Reuben H Corpn The, (Publishers Classified Telephone Directories), McKnight bldg ..... Bell-Main 3824 Tri State 32173

Pumps, Highest Efficiency, for Every Purpose.
Pagel Rotary Pump Mfg Co, 241, 4th av S ..... Bell-Nicollet 920 Tri State 32826

Radiators (Auto & Tractor).
Shotwell-Hobart-Johnson Co, 712-22 Ontario av N ..... Bell-Nicollet 417 Tri State 32207

Radiators, Fenders & Tanks Repaired.
Schulstock Sheet Metal Wks, 2933 Nicollet av ..... Bell-South 3810 Tri State 51556

Railroad Claim Collectors.
Northern Adjustment Bureau Inc, Flour Exch bldg ..... Nicollet 6070

Rat Exterminators.
Girard Felix Co The, Red Cross Rat & Mouse Embalmer, 2009 4th av S ..... South 3062
Rose Rat Exterminator Co, Tribune Annex ..... Main 3504 Tri State-Central 3931

Reflectors.
National X-Ray Reflector Co, (I M Kirlin, Resident Engineer, Lumber Exch ..... Main 4478

Roach Powders (Mnfrs).
United Chemical Co, 123 E Lake ..... South 321

Roofing, Painted & Galvanized, Steel & Toncan Metal
Berger Mfg Co The, 300-12, 10th av S ..... Bell-Nicollet 534 Tri State 37321

Roofing, Prepared.
Heppes-Nelson Roofing Co The, 405 Main N E ..... East 5523

Roofing Tile.
Ludowici-Celadon Company, Plymouth bldg ..... Nicollet 3386

Safes.
Baum J Safe & Lock Co The (Beehler Safe Co), 314, 3d av S ..... Tri State 36803

Saw Mill Machinery & Engines
Enterprise Co The, 120-124, 3d av N ..... Bell-Main 3771 Tri State 33260

Scenery & Stage Equipment.
Twin City Scenic Co, 2819-21 Nicollet av ..... Bell-South 709 Tri State 52329

School Supplies & School Furniture.
Northwestern School Supply Co, 1401 University av S E ..... Bell-East 340 Tri State 42441

Scrap Iron.
American Iron & Supply Co, 1810 N 2nd ..... Bell-Hyland 409 Tri State 46551

Seeds.
Atkinson Albert Seed Co The, Chamber of Commerce bldg ..... Bell-East 5700 Tri State 41-321

Seeds (Wholesale Field Seeds).
Minneapolis Seed Co, 3444 Railroad av ..... Bell-Drexel 134 Tri State 62328

Sheets, Black & Galvanized, Steel & Toncan Metal.
Berger Mfg Co The, 300-12 10th av S ..... Bell-Nicollet 534 Tri State 37321

Shelving & Bins for Storage, Steel.
Berger Mfg Co The, 300-12 10th av S ..... Bell-Nicollet 534 Tri State 37321

Shingles Asphalt.
Heppes-Nelson Roofing Co The, 405 Main N E ..... East 5523

Signs of All Kinds, Designers & Lithographers.
Collins Advertising Service, (Massillon- Cleveland-Akron Sign Co), 342 Lumber Exch ..... Nicollet 5407

Signs of Every Description, Makers & Painters.
Vedeler H & Co, (In the sign business since 1886), 207 S 5th ..... Tri State 34459

Signs, Porcelain, Enamel, Store & Display (Mnfrs).
Collins Advertising Service, (Burdick Enamel Sign Co), Lumber Exch ..... Nicollet 5407

Spices.
McLaughlin Gormley King Co, 1715 Fifth S E ..... Bell-East 643 Tri State 41295

Sponges, Chamois & Automobile Washers Supplies.
Northwestern Selling Agency, 116 S 8th ..... Bell-Nicollet 5618 Tri State 33974

Stains.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 918, 4th ..... Nicollet 567

Steel—Cold Drawn.
Fleck H V & Co, Lumber Exchange bldg ..... Bell-Nicollet 1431 Tri State 32-475

Storage (Warehouses for Merchandise).
Kedney Warehouse Co, 8-22 Hennepin av ..... Bell-Main 738 Tri State 37738

Structural Iron & Steel (Fabricators & Contractors)
Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2025 Tri State 61100

Structural Steel.
American Bridge Co, 7th av and 2d st S E ..... East 5720

Surgical and Hospital Supplies.
Standard Medical Supply Co, 1006 W Lake ..... Bell-Kenwood 5490 Tri State 51498

Table Pads & Luncheon Mats (Mnfrs.).
Lydon-Bricher Mfg Co, 229 E Hennepin ..... Tri State 41477

Tag Mnfrs.
Acme Tag Company, 2840-48 Fremont av S ..... Bell-Kenwood 570 Tri State 52-379

Tanners, Fur Dressers & Robe Mnfrs.
Foster Robe & Tanning Co, 419, 14th av S E ..... Tri State 41132

Tarpaulins.
Hoigaard C J Co, 30 Washington av N ..... Bell-Nicollet 2320 Tri State 31883

Taxidermists.
Northwestern Taxidermy Co, 415, 2nd N E ..... Bell-East 5465 Tri State 42119

Telegraphones (Telegraphone Distributors).
Telegraphone Distributing Co, Andrus bldg ..... Bell-Nicollet 1651 Tri State 31837

Telephones, Interior, Factories Apartment Buildings.
Connecticut Telephone & Electric Co (R M Laird Elec Co), 223 S 5th ..... Main 2672

Tent Mnfrs.
Hoigaard C J Co, 30 Washington av N ..... Bell-Nicollet 2320 Tri State 31883

Tiles, Roofing.
Ludowici-Celadon Company, Plymouth bldg ..... Nicollet 3386

Time Recorders.
Cincinnati Time Recorder Co, (W B Reesburg, N W Rep), Builder. Exch ..... Bell-Main 1268 Tri State 34311

Time Recorders (Electrical).
Cincinnati Time Recorder Co, (W B Reesburg, N W Rep), Builder Exch ..... Bell-Main 1268 Tri State 34311

Toast.
Excelsior Baking Co ("Butter Krust") 912 E 24th ..... South 841

Tools, Dies, Jigs, Fixtures, Stamping and Drawing.
Erickson's Machine & Tool Co, 523 S 4th ..... Bell-Nicollet 7411 Tri State 36819

Tractors (Farm).
Liberty Tractor Co, 2113 Como av S E ..... Tri State 41227

Tractors (Gas & Oil) also Tractor School.
Common Sense Gas Tractor Co, 622-628 Ninth st S E ..... East 5354

Tractors, Oil.
Minneapolis Steel & Machinery Co, 2854 Minnehaha av ..... Bell-Drexel 2025 Tri State 61100

Trailers, Manufacturers, Outing & Commercial.
Curtis Trailer Co, 1411 Hennepin av ..... Main 3867

Trucks, Industrial.
Lansing-Company, 517-519, 3d N ..... Bell-Main 3723 Tri State 36-711

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 419-423, 4th South ..... Main 7156
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Typewriters—Portable.
Corona Typewriter Company Inc, 218 S 4th ..... Main 2514

Valves Vapor Tight Balanced.
Baker Valve Co, 1865 E 28th ..... Bell-Drexel 1323 Tri State 52578

Varnish Mnfrs.
North Star Varnish Co, 608-622 Vandalia ..... Bell-Midway 686 Tri State 81665

Varnishes.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co). 918, 4th ..... Nicollet 567

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, 17 S Sixth ..... Main 1269

Ventilators Roof.
Arex Co, 609, 5th av S ..... Bell-Nicollet 3541 Tri State 35190
Kernchen J C, 609, 5th av S ..... Bell-Nicollet 3541 Tri State 35190

Warehouses, Merchandise
Security Warehouse Co, 334 N 1st ..... Bell-Nicollet 7121 Tri State 38634

Washing Compound.
Royal Lemon Products Co, Security bldg ..... Nicollet 5815

Washing Machines Mnfrs.
Maytag Co The, 515 Washington av N ..... Bell-Main 3548 Tri State 34196

Watchman's Clock Mnfrs.
Cincinnati Time Recorder Co, (W B Reesburg, N W Representative) Builders Exchange ..... Bell-Main 1268 Tri State 34311

MINNEAPOLIS—cont'd

Water Power Plant Equipment.

Lunt R L, McKnight bldg.....Tri State 35298

Weather Strips.

Monarch Metal Weather Strip Co The, (O F Symons & Co, Distributors), Plymouth bldg.....Main 3755
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Niagara Metal Weather Strip Co, (John B Harker & Co), Lumber Exchange....Nicollet 1397

Welding Apparatus, Electric, for Spot & Butt Work.

Electric Welder & Specialty Co The (F G Smith, Mngr), Builders Exch bldg.....Bell-Main 1268 Tri State 34311

Wheelbarrows.

Lansing-Company, 517-519, 3d N.....Bell-Main 3723 Tri State 36711

White Lead.

Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 918, 4th.Nicollet 567

Window Display and Store Display Fixtures.

Northern Fixture Display Co, 25 Main S E.....Bell-East 4942 Tri State 41252

Window Shades.

Hoigaard C J Co, 30 Washington av N.....Bell-Nicollet 2320 Tri State 31883

NORTH ST. PAUL

Gravity Conveyors & Spiral Chutes for Boxed Mdse.

Minnesota Manufacturers Association North St Paul.....North St Paul 168

Spiral Gravity Chutes.

Minnesota Manufacturers Association North St Paul.....North St Paul 168

OWATONNA

Quack Grass Killer (Land & Alfalfa Cultivator).

Kovar Jos J, 723 N Elm (Owatonna, Minn).....Owatonna 890-L

ROCHESTER

Weather Strips.

Monarch Metal Weather Strip Co The (S V Ballou, Distributor), 1221 E College.Rochester 1043-J
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ST. CLOUD

Cranes, Traveling, Hand & Electric.

Granite City Iron Works Co, 19, 4th av N.....Bell-St Cloud 478 Tri State 4

Factory Sites.

St Cloud Commercial Club.....St Cloud 276

Hotels.

Grand Central Hotel, 5th av S & St Germain.....St Cloud 1060

ST. PAUL

Adding Machines.

Monroe Calculating Machine Co, Hackney bldg.....Tri State 24015
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Addressing Machines.

Stickney & Montague, Direx-all (R R Jones), 171 E 6th.....Cedar 7672

Asphalt.

Barber Asphalt Paving Co The (Trinidad & Bermudez), Germania Life bldg.....Cedar 5799

Attorneys, Bonded, Collections, All Legal Matters.

Merrill Adjustment & Legal Bureaus, Court blk.....Bell-Cedar 1042 Tri State 23791

Autographic Registers & Roll Printed Stationery.

United Autographic Register Co, Pioneer bldg.....Bell-Cedar 6218 Tri State 23041

Autographic Registers & Roll Printers.

Globe Register Co The (Edw P Popp) Pioneer bldg.....Bell-Cedar 5568 Tri State 24188

Automobile Oils.

Indian Refining Co (Havoline Oil), Hackney bldg.....Bell-Cedar 5266 Tri State 24766
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Badges, Banners, Buttons, Flags & Emblem Pins.

Western Badge & Novelty Co, 337 Wabasha.....Bell-Cedar 1294 Tri State 24942

Bags—Burlap, Second Hand.

Minnesota Bag Co, 142-44 S Robert.....Bell-Robie 2363 Tri State 22660

Bags (Gunny & Burlap) 2nd Hand for All Purposes.

Twin City Bag Mfg Co, 592-94 Jackson..Jackson 2540

Bakers—Mnfrs of Fine Biscuits & Crackers.

Sanitary Food Mfg Co, University & Fairview av.....Bell-Midway 1650 Tri State 82957

Bakers Supls, Confectioners, Ice Cream Makers Supls.

Maas-Keefe Co The, 55-59 E 3d.....Bell-Cedar 2475 Tri State 21544

Bank Store and Office Fixtures (Mfrs).

Koehler & Hinrichs Merc Co, 255-265 E 3d.....Bell-Cedar 2640 Tri State 26726

Bedding Manufacturers.

Northwestern Bedding & Mfg Co, Bradford and Wycliff.....Bell-Midway 4500 Tri State 81-361

Belting.

Alexander Bros Leather Belting (Robinson, Cary & Sands Co) 4th & Wacouta.....Bell-Cedar 3740 Tri State 21378

Billiard Tables and Supplies.

Koehler & Hinrichs Merc Co, 255-265 E 3d.....Bell-Cedar 2640 Tri State 26726

Boiler Compounds (Safe, Reliable & Efficient).

Minnesota Boiler Compound Co, 248 W Fairfield av.....Robey 632

Bowling Alleyettes, Petty Pins (Mnfrs.)

Koehler & Hinrichs Merc Co, 255-265 E 3d.....Bell-Cedar 2640 Tri State 26726

Boxes (Bread).

Home Comfort Co The, 845-49 E 7th.Tri State 78306

Boxes & Box Shooks (Wooden) Mnfrs.

Minnesota Box Co, 827-41 Forest...Bell-Bomont 976 Tri State 77500

Boxes, Mnfrs., Paper.

Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

Broom Mnfrs.

Minnesota Broom Co, Minnesota Transfer.....Midway 6746

Business Colleges.

Rasmussen Practical Business School, 353 Minnesota.....Cedar 5333

Calculating Machines.

Monroe Calculating Machine Co, Hackney bldg.....Tri State 24015
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Cans.

American Can Co, 747 Prior av.....Midway 283

Ceilings, Steel.

St Paul Roofing Cornice & Ornament Co, E Wabasha & Water.....Bell-Robie 800 Tri State 25855

Checks—Metal (Hotel, Mdse, Time & Indentification).

Northwestern Stamp Works, 110 E 3d.....Bell-Cedar 5896 Tri State 21546

Coffee Urns (Mnfrs.)

Koehler & Hinrichs Merc Co, 255-265 E 3d.....Bell-Cedar 2640 Tri State 26726

Commercial Photographers.

Photo Art Shop, Ryan bldg.....Bell-Cedar 7740 Tri State 23781

Confectionery Mnfrs. & Wholesalers.

Sanitary Food Mfg Co, University & Fairview av.....Bell-Midway 1650 Tri State 82957

Cooperage (Provision, Pickle, Cider, Etc.)

Northern Cooperage Co, Concord & Arthur av.....Bell-Robie 793 Tri State 22268

Coppersmiths, Hotel & Creamery Supplies.

Northwestern Copper & Brass Wks 59 W 3d.....Bell-Cedar 2681 Tri State 21120

Cotton Goods, Commission Merchants.

Cassard Miron S & Co (Wm C Motter) Endicott bldg.....Cedar 3663

Coupon Books for All Purposes.

National Checking Co, 269-271 Chestnut.....Bell-Cedar 3495 Tri State 24453

Cylinder and Crank Grinding.

Auto Engine Works, University and Griggs.....Bell-Midway 599 Tri State 82-352

Designers & Contractors (Bank Buildings).

Moorman A & Co, 497-513 Minnesota.....Bell-Cedar 5274 Tri State 21927

Detective Agencies.

Burns Wm J International Detective Agency Inc The, Exch Bank bldg...Bell-Cedar 2037 Tri State 22632
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Employers Detective Service, Oppenheim bldg.Cedar 2871
Sweeney Secret Service, Globe bldg.....Bell-Cedar 1264 Tri State 24711

Dish Washing Machines (Mnfrs.)

Koehler & Hinrichs Merc Co, 255-265 E 3d.....Bell-Cedar 2640 Tri State 26726

Disinfectants & Pipe Cleaners.

Ideal Sanitary Supply Co, 504 N Snelling av.....Bell-Midway 5594 Tri State 81288

Druggist Boxes & Labels.

Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

Druggists Wholesale.

Noyes Bros & Cutler Inc, Park sq.....Bell-Cedar 3318 Tri State 22847

Dumb Waiters.

Lott K F & Co (Sedgwick Machine Wks Inc), 101 E 8th.....Cedar 3200
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Electrical Construction Material (Sell to Jobbers).
Jobbers Supply Co, 731 N Prior av.....Midway 24

Electrical Supplies.
Northwestern Electrical Equipment Co, 174-178 E 6th ..... Bell-Cedar 525 Tri State 26440

Elevators, Passenger & Freight.
Dahlquist Machinery Co, 240 S Exchange ..... Bell-Cedar 7498 Tri State 24249

Embossing Dies (For Books, Catalogs, Etc).
Northwestern Stamp Works, 110 E 3d..... Bell-Cedar 5896 Tri State 21546

Engravers, Copper & Steel Plate.
Meyer Engraving Co, 381 Minnesota ..... Bell-Cedar 5252 Tri State 21976

Engravers, Photo Process.
St Paul Engraving Co, 412 Cedar ..... Bell-Cedar 798 Tri State 23738

Envelopes, All Kinds, Sizes & Quantities.
St Paul Envelope Co, 134 S Wabasha ..... Bell-Robie 426 Tri State 22216

Fibre Containers.
American Can Co, 747 Prior av.....Midway 283

Fibre Containers, Solid & Corrugated.
Waldorf Paper Products Co, Hampden & Myrtle av..... Bell-Midway 6110 Tri State 83050

Fire Doors, Fire Escapes & Ornamental Iron Works.
St Paul Iron Works, 1161 University av ..... Bell-Dale 9448 Tri State 84928

Folding Boxes, Paper.
Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

Foundries (Gray Iron & Semi Steel).
St Paul Foundry Co, Como av cor Mackubin ..... Bell-Cedar 1425 Tri State 22878

Furs, Sheep Lined Coats, Leather Vests & Mackinaws.
Harris H Co The, 174 E 4th ..... Bell-Cedar 443 Tri State 22694

Gear Cutting.
Auto Engine Works, University & Griggs ..... Bell-Midway 559 Tri State 82352

Heating & Plumbing Supls.
Cochran-Sargent Co, 180-4 E 6th..... Bell-Cedar 1571 Tri State 25818

Hoists, Hydraulic.
Hydraulic Hoist Mfg Co, 292 Walnut ..... Bell-Cedar 1826 Tri State 21662

Hotel & Restaurant Kitchen Apparatus (Mnfrs.)
Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

Hotels.
Hotel Ryan (New Rebuilt 1916, Reasonable Price, All Depts) 6th & Robert. Bell-Cedar 2720 Tri State 26381
St Francis Hotel, cor Wabasha & 7th ..... Bell-Cedar 9660 Tri State 26711
St Paul Hotel, 5th & St Peter..... Bell-Cedar 4100 Tri State 22821

Ice Boxes (Custom Built) for Hotels, Markets, etc.
Koehler & Hinrichs Merc Co, 255-265 E 3d..... Bell-Cedar 2640 Tri State 26726

Insecticides Liquid & Powder.
Ideal Sanitary Supply Co, 504 N Snelling av ..... Bell-Midway 5594 Tri State 81288

Insulation, Cold Storage.
Northern Insulating Co ..... Bell-Midway 6100 Tri State 82023

Jacks, Screw, Ratchet, Hydraulic, Etc.
Duff Mfg Co The (World's Largest Jack Mnfrs), Merchants Bank bldg.. Bell-Cedar 1030 Tri State 22030

Junk, Scrap Iron, Metals, Bottles & Barrels.
Greenberg Phillip & Co (Cash Buyers, Special Attention to Country Shippers) 276 E 9th..... Bell-Cedar 775 Tri State 21965

Law Book Publishers.
West Publishing Co, 50 W 3d ..... Bell-Cedar 6426 Tri State 22831

Leather Belting.
Alexander Bros, Leather Belting (Robinson, Cary & Sands Co) 4th & Wacouta..... Bell-Cedar 3740 Tri State 21378

Lubricating Oils & Greases.
Stahl H K & Co, 2314 Wycliff ..... Bell-Midway 286 Tri State 82402

Machinists, (Manufacturing).
Midway Engineering Works Inc, 2237 Hampden av .....Midway 419

Machinists, Mfg & Repairing (Die & Tool Work).
Capitol Machine Co, 311 Minnesota ..... Bell-Jackson 1232 Tri State 23441

Marine Engines.
Auto Engine Works, University & Griggs ..... Bell-Midway 559 Tri State 82-352

Mechanical Appliances (Dental Specialties).
Emme Dental Specialty Co, 462 Jackson .....Cedar 1946

Metal Stamps (For all Purposes).
Northwestern Stamp Works, 110 E 3d ..... Bell-Cedar 5896 Tri State 21546

Milking Machines.
Independent Silo Co (Milker Dept) Pillsbury & Territorial rd.....Midway 3033

Millinery Wholesale.
Rothschild J & Co, 213-19 E 4th..... Bell-Cedar 1362 Tri State 23839

Office Equipment.
Monroe Calculating Machine Co, Hackney bldg ..... Tri State 24015
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Paper (Dealers).
Donahower Leslie Co, 230-240 E 9th ..... Bell-Cedar 307 Tri State 25836
Nassau Paper Co, 310-314 Minnesota ..... Bell-Cedar 8178 Tri State 23747
Seaman Paper Co, Pioneer bldg ..... Bell-Cedar 8146 Tri State 24026
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Wright, Barrett & Stilwell Co, University & Hampden ..... Bell-Midway 4800 Tri State 82961

Paper Boxes.
Weinhagen Chas & Co, 480 Jackson.....Cedar 1055

Paper Boxes Folding & Set Up Boxes, Printing.
Kaplan-Shadur Paper Box Co, 130 S Wabasha ..... Bell-Robie 136 Tri State 22216

Paper Boxes, Folding & Set Up (Mnfrs).
Mullery Paper Box Co, 471-73 Temperance ..... Bell-Cedar 777 Tri State 25877

Paper Boxes and Paper Boards.
Waldorf Paper Products Co, Hampden & Myrtle av..... Bell-Midway 6110 Tri State 83050

Patent Attorneys.
Johnson H S, Germania Life bldg ..... Bell-Cedar 1126 Tri State 23725

Patent Attorneys & Sellers American Patent Market.
Carlsen A M & Son, 206-7 Dispatch bldg ..... Bell-Cedar 1936 Tri State 24905

Platers of all Metal Products.
St Paul Electro Plating Works, 278 Minnesota cor 2d..... Bell-Cedar 2267 Tri State 24263

Plumbers Supplies & Heating Supplies.
Cochran-Sargent Co, 180-184 E 6th..... Bell-Cedar 1571 Tri State 25818

Portable Buildings, Steel.
Metal Shelter Co, S Wabasha & Water ..... Bell-Robie 800 Tri State 25855

Power Plant Equipment & Mill Supplies.
Hildred John W Co, 33 E 3d..... Bell-Cedar 5238 Tri-State 21603

Printers.
Pioneer Co The, 3d & Minnesota ..... Bell-Cedar 2792 Tri State 25864

Printers, Catalogs, Color Wk Advertising Service.
Randall Co, 348 Wacouta ..... Bell-Cedar 61 Tri State 26761

Printers—Catalog Job Half Tone & Color Work.
Kaplan-Shadur Paper Box Co, 130 S Wabasha ..... Bell-Robie 136 Tri State 22216

Printing Dies (For Wood & Metal).
Northwestern Stamp Works, 110 E 3d ..... Bell-Cedar 5896 Tri State 21546

Printing, Ink Containers, High Grade Printing Ink.
Sensiba Mfg. Co, 141 E 5th ..... Bell-Cedar 4531 Tri State 24515

Printing Presses & Printers Supplies.
Johnson C I Mfg Co, 48-50 E 3d ..... Bell-Cedar 1463 Tri State 24389

Pump Rod Couplings.
Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022 Tri State 82293

Refrigerating Machines, (Mfrs).
Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

Refrigerators (Mnfrs. of all Kinds).
Bohn Refrigerator Co, 1338 University av ..... Bell-Midway 158 Tri State 81351
Seeger Refrigerator Co, Arcade & Wells ..... Bell-Bomont 1100 Tri State 78100

Relaying Rails, Usable R. R. Supls & Equipment.
Paper Calmenson & Co (Buyers & Sellers of Relaying Rails, Angle Bars, Wholesale Railway Supplies and Equipment of all Description, Scrap Iron & Metals), Foot of Bradley ..... Bell-Bomont 4200 Tri State 77145

Restaurant Checking Systems & Coupon Books.
National Checking Co, 269-271 Chestnut ..... Bell-Cedar 3495 Tri State 24453

Rubber Stamps (Of Every Description).
Northwestern Stamp Works, 110 E 3d ..... Bell-Cedar 5896 Tri State 21546

ST. PAUL—continued

Sanitary Supplies for Schools, Banks, Hospitals.
Ideal Sanitary Supply Co, 504 N Snelling av ..... Bell-Midway 5594 Tri State 81288

School Supplies.
Ideal Sanitary Supply Co, 504 N Snelling av ..... Bell-Midway 5594 Tri State 81288

Scrap Iron, Metals, Bottles, Barrels, Rubber & Rags.
Greenberg Iron & Metal Co, 84-90 S Wabasha ..... Bell-Robie 208 Tri State 22547

Sheet Metal Specialties (Metal Spinning, Stamping).
North Star Spinning & Mfg Co, 1834 University av ..... Bell-Midway 8058 Tri State 82712

Skylights, Steel.
St Paul Roofing, Cornice & Ornament Co, S Wabasha & Water ..... Bell-Robie 800 Tri State 25855

Soaps, Laundry Supls, Cleaning Compounds.
Minnesota Chemical Co, Minnesota Transfer ..... Bell-Midway 245 Tri State 82139

Soaps Liquid Oil & Soft.
Ideal Sanitary Supply Co, 504 N Snelling av ..... Bell-Midway 5594 Tri State 81288

Soda Fountains, Mnfrs.
Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

Steel Sheets, Black & Gal, Wire, Nails, Leaded Iron.
Russell-Newman Supply Co The, Minnesota Transfer ..... Bell-Midway 1092 Tri State 81740

Stokers—Model Automatic.
Automatic Furnace Co The, ... Bell-Robie 455 Tri State 868

Storage (Shipping & Packing Household Goods & Mdse.).
Twin City Warehouse Co, 2310-2324 Hampden av ..... Bell-Midway 7930 Tri State 82132

Storage (Warehouses for Merchandise).
Kedney Warehouse Co, cor 3d & John ..... Bell-Cedar 4509 Tri State 24509

Structural Iron & Steel, Fabricators & Contractors.
St Paul Foundry Co, Como av cor Mackubin ..... Bell-Cedar 1425 Tri State 22878
St Paul Structural Steel Co, York & Agate ..... Bell-Cedar 3109 Tri State 21940

Syrups & Molasses.
Towle Maple Products Co The, 44-56 Chicago av ..... Bell-Robie 1070 Tri State 24384

Tanks, Steam Boilers, Stacks & Breechings.
Kenney Boiler & Mfg Co, 423 E 6th ..... Bell-Cedar 1067 Tri State 24570

Tanks, Steel.
St Paul Roofing Cornice & Ornament Co, S Wabasha & Water ..... Bell-Robie 800 Tri State 25855

Tanks, Welded, Steel Oil Barrels & Tanks.
Brown Sheet Iron & Steel Co, 964 Berry av ..... Bell-Midway 257 Tri State 82382

Typewriters, Factory Rebuilt.
St Paul Typewriter Exchange Inc, 127 E 5th ..... Bell-Cedar 8100 Tri State 22000

Ventilating & Fan Systems Installed.
Hackney Ventilating Co, University & Prior avs ..... Bell-Midway 2011 Tri State 82951

Warehouses.
Central Warehouse Co, cor Pillsbury av & Territorial rd ..... Bell-Midway 5000 Tri State 81365

Water Coolers (Mnfrs.)
Koehler & Hinrichs Merc Co, 255-265 E 3d ..... Bell-Cedar 2640 Tri State 26726

Well Contractors.
McCarthy Well Co (Deep and shallow wells of every description), 670 Eustis ..... Bell-Midway 6590 Tri State 82554

Well Contractors, Drilling, Test & Blast Holes.
Keys G W, 413 Lexington av ..... Bell-Dale 413 Tri State 84418

Well Points (Drive).
Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022 Tri State 82293

Well Screens.
Johnson Edward E Inc, 2304 Long av ..... Bell-Midway 5022 Tri State 82293

Windows, Fireproof.
St Paul Roofing Cornice & Ornament Co, S Wabasha & Water ..... Bell-Robie 800 Tri State 25855

Wire Manufacturers.
American Steel & Wire Co, Pioneer bldg ..... Bell-Cedar 793 Tri State 22-153

STILLWATER

Hotels.
Elliott Hotel, 118 S 3d ..... Stillwater 297

Manufacturing Sites.
Civic Club, Tepas blk ..... Stillwater 108

Marine Engines & Farm Tractors (Mnfrs).
American Motor Mfg Co, 200 S 3d st ..... Stillwater 723

Paper Boxes.
Smithson Paper Box Company, 321-27 S Main ..... Stillwater 402

WINONA

Hotels.
Park Hotel, 2d and Johnston ..... Winona 1117

MISSISSIPPI

MISSISSIPPI

Land area		46,362
Water area		503
Population	(Estimated)	1,964,122
White	(U. S. Census 1910)	786,111
Negro		1,009,487
All others		1,516
Foreign-born white		9,389
Native white		776,722
Male		396,098
Female		380,624

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1 Belzoni ..... C 4
10 Biloxi ..... G 10
1 Booneville ..... G 1
5 Brookhaven ..... C 7
4 Canton ..... E 5
2 Charleston ..... D 2
4 Clarksdale ..... C 2
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2 Durant ..... E 4
2 Ellisville ..... F 7
1 Forest ..... F 6
3 Greenport ..... E 2
11 Greenville ..... C 4
6 Greenwood ..... D 3
3 Grenada ..... I 3
6 Gulfport ..... F 10
17 Hattiesburg ..... F 8
2 Hazlehurst ..... D 7
2 Holly Springs ..... F 1
1 Houston ..... G 3
1 Indianola ..... C 4
1 Ittabena ..... D 4
1 Iuka ..... H 1
30 Jackson ..... D 6
1 Long Beach ..... F 10
1 Louisville ..... F 4
2 Kosciusko ..... E 4
12 Laurel ..... F 7
2 Leland ..... C 4
2 Lexington ..... E 4
2 Lumberton ..... E 8
6 McComb ..... D 8
2 Macon ..... G 4
2 Magnolia ..... D 8
22 Meridian ..... G 6
3 Moss Point ..... G 10
1 Mount Olive ..... E 7
12 Natchez ..... B 7
2 New Albany ..... F 2
2 Newton ..... F 6
1 Ocean Springs ..... G 10
3 Okolona ..... G 2
2 Oxford ..... F 2
3 Pascagoula ..... H 10
2 Pass Christian ..... F 10
1 Philadelphia ..... F 5
1 Pontotoc ..... F 2
1 Poplarville ..... F 9
2 Port Gibson ..... B 7
1 Quitman ..... G 6
1 Richton ..... G 8
1 Rosedale ..... C 3
1 Sardis ..... D 2
1 Senatobia ..... E 1
1 Shubuta ..... G 7
3 Starkville ..... G 4
1 Stonewall ..... G 6
1 Summit ..... I 8
2 Sumrall ..... F 8
4 Tupelo ..... G 2
23 Vicksburg ..... C 6
4 Water Valley ..... F 2
2 Wesson ..... D 7
5 West Point ..... G 3
1 Wiggins ..... F 9
3 Winona ..... E 7
1 Woodville ..... B 8
7 Yazoo City ..... D 5

Population—Hundreds

8 Baldwyn ..... G 2
8 Batesville ..... E 2
8 Bay Springs ..... F 7
7 Blue Mountain ..... G 1
8 Bogue Chitto ..... D 8
6 Bolton ..... D 6
7 Brandon ..... E 6
9 Brookville ..... G 4
9 Centerville ..... B 8
8 Clinton ..... D 6
8 Coldwater ..... D 1
9 Como ..... E 1
9 Enterprise ..... G 6
6 Estabutchie ..... F 8
9 Eupora ..... F 3
8 Fayette ..... C 7
7 Flora ..... D 5
9 Friar Point ..... C 2
7 Georgetown ..... D 7
9 Handsboro ..... F 10
7 Hernando ..... E 1
8 Lucedale ..... H 9
6 McHenry ..... F 9
7 Magee ..... E 7
7 Marks ..... D 2
7 Minter City ..... D 3
7 Nettleton ..... G 2
9 Norfield ..... C 8
8 Osyka ..... D 8
9 Pelahatchee ..... E 6
8 Picayune ..... E 9
6 Prentiss ..... E 7
7 Purvis ..... F 8
8 Ripley ..... G 1
8 Rolling Fork ..... C 5
9 Shaw ..... C 3
6 Shelby ..... C 3
6 Shuqualak ..... H 5
6 Taylorsville ..... E 7
8 Tylertown ..... D 8
7 Union ..... F 5
7 Valden ..... E 4
7 Waynesboro ..... D 7

JACKSON

Bonds, Guarantee.
National Surety Co (Wm A Montgomery Mgr) Merchants Bank bldg ..... Jackson 329

Bonds, Surety.
National Surety Co (Wm A Montgomery Mgr) Merchants Bank bldg ..... Jackson 329

Burglary Insurance.
National Surety Co (Wm A Montgomery Mgr) Merchants Bank bldg ..... Jackson 329

Surety Bonds.
National Surety Co (Wm A Montgomery Mgr) Merchants Bank bldg ..... Jackson 329

MERIDIAN

Lumbers, Yellow Pine & Hardwood, Mnfrs.
Grace C L Lumber Co, Board of Trade bldg ..... Cumberland 6

VICKSBURG

Hotels.
National Park Hotel, Washington st ..... Vicksburg 149

MISSISSIPPI
SCALE
Statute Miles. 33.6 = 1 Inch.
Rand McNally & New Ill. Atlas Map of Mississippi.
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Longitude West from Greenwich.
ST. FRANCIS
PRAIRIE
LONOKE
MONROE
LEE
PHILLIPS
JEFFERSON
ARKANSAS
LINCOLN
DESHA
DREW
ASHLEY
CHICOT
MORE HOUSE
CARROLL
RICHLAND
MADISON
FRANKLIN
TENSAS
CATAHOULA
CONCORDIA
WEST FELICIANA
EAST FELICIANA
ST. HELENA
TANGIPAHOA
LIVINGSTON
ST. TAMMANY
HANCOCK
HARRISON
STONE
PERRY
GREEN
JACKSON
MOBILE
WASHINGTON
CLARKE
WAYNE
JONES
JASPER
SMITH
SIMPSON
COPIAH
HINDS
WARREN
ADAMS
WILKINSON
AMITE
PIKE
MARION
LAWRENCE
JEFFERSON DAVIS
COVINGTON
LAMAR
FORREST
PEARL RIVER
HOLMES
YAZOO
SUNFLOWER
BOLIVAR
COAHOMA
QUITMAN
TUNICA
DE SOTO
TATE
PANOLA
LAFAYETTE
MARSHALL
TALLAHATCHIE
YALOBUSHA
GRENADA
CALHOUN
CHICKASAW
MONROE
CLAY
WEBSTER
MONTGOMERY
CARROLL
LEAKE
NESHOBA
KEMPER
NOXUBEE
LOWNDES
OKTIBBEHA
CHOCTAW
WINSTON
ATTALA
LEAKE
SCOTT
NEWTON
LAUDERDALE
CLARKE
JASPER
JONES
WAYNE
GREENE
SUMTER
PICKENS
FORREST
PERRY
GREENE
MOBILE
Vicksburg
Jackson
Meridian
Natchez
Greenville
Greenwood
Grenada
Tupelo
Corinth
Oxford
Columbus
Aberdeen
Starkville
Canton
Carthage
Philadelphia
Louisville
Kosciusko
Yazoo City
Rolling Fork
Clarksdale
Batesville
Water Valley
Pontotoc
Ripley
Iuka
Fulton
Bay St. Louis
Gulfport
Pascagoula
Mobile
Lake Pontchartrain
GULF OF MEXICO

MISSOURI
SCALE
Statute Miles, 41 = 5 Inch.
Rand McNally's New Ref. Map of Missouri.
Copyright by Rand, McNally & Co.
RAILROADS
ELECTRIC LINES
SOUTHEAST CORNER EXTENSION
Longitude West 92 from Greenwich

MISSOURI

MISSOURI

Land area		68,727
Water area		693
Population	(Estimated)	3,420,143
White	(U. S. Census 1910)	3,134,932
Negro		157,452
All others		951
Foreign-born white		228,896
Native white		2,906,036
Male		1,687,813
Female		1,605,522

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands			
2	Albany	A	4
1	Appleton City	E	4
1	Ash Grove	G	5
4	Aurora	H	5
2	Avery	E	6
2	Bethany	A	4
2	Bevier	B	7
2	Bolivar	F	6
5	Bonne Terre	F	12
4	Boonville	D	7
2	Bowling Green	C	10
6	Brookfield	B	6
2	Brunswick	C	6
3	Butler	E	4
2	California	D	7
3	Cameron	B	4
2	Campbell	H	13
	and	D	14
2	Canton	A	9
11	Cape Girardeau	G	14
3	Carrollton	C	5
5	Carterville	G	3
10	Carthage	G	4
4	Caruthersville	E	15
2	Centralia	G	8
2	Chaffee	G	14
3	Charleston	H	14
6	Chillicothe	B	5
5	Clinton	E	4
13	Columbia	D	8
2	Crystal City	E	12
2	Desloge	F	11
5	De Soto	E	11
2	Dexter	H	13
2	Duenweg	G	3
2	Edina	A	8
2	Eldon	E	7
3	Eldorado Springs	F	4
2	Elvins	F	12
4	Excelsior Springs	E	7
3	Farmington	F	12
3	Fayette	C	7
2	Ferguson	D	12
3	Festus	E	12
5	Flat River	F	12
3	Fredericktown	F	12
5	Fulton	D	9
2	Gallatin	B	4
2	Glasgow	C	7
2	Granby	H	4
2	Hamilton	B	7
22	Hannibal	B	10
2	Harrisonville	D	4
2	Hermann	D	10
3	Higginsville	C	5
2	Holden	D	4
2	Huntsville	C	7
12	Independence	C	4
2	Jackson	G	13
14	Jefferson City	D	8
33	Joplin	G	3
2	Kahoka	A	9
298	Kansas City	C	3
3	Kennett	E	14
6	Kirksville	A	7
2	Lamar	G	4
2	La Plata	B	7
2	Lebanon	F	7
5	Lexington	C	5
3	Liberty	C	4
4	Louisiana	C	10
4	Macon	B	8
2	Malden	H	3
	and	D	14
5	Maplewood (P. O. St. Louis)		
4	Marceline	D	12
5	Marshall	C	6
5	Maryville	A	3
2	Memphis	A	8
6	Mexico	C	9
2	Milan	A	6
13	Moberly	C	8
4	Monett	H	5
2	Monroe City	B	9
2	Montgomery City	D	10
2	Morehouse	H	13
2	Mound City	A	2
2	Mountain Grove	G	8
4	Neosho	H	4
7	Nevada	F	4
2	New Madrid	D	15
	and	H	14
1	Norborne	C	5
2	Novinger	A	7
2	Perryville	F	13
2	Pierce City	H	4
4	Plattsburg	B	4
2	Pleasant Hill	D	4
7	Poplar Bluff	H	12
3	Rich Hill	C	3
4	Richmond	C	4
2	Rolla	F	9
2	Salem	F	9
2	Salisbury	C	7
20	Sedalia	D	6
3	Sikeston	H	14
3	Slater	C	6
40	Springfield	G	6
10	St. Charles	D	11
2	Ste. Genevieve	F	12
85	St. Joseph	B	3
757	St. Louis	D	12
6	Thayer	H	9
5	Versailles	E	6
5	Warrensburg	D	5
4	Washington	E	10
14	Webb City	G	3
3	W. Plains	H	9

CAPE GIRARDEAU

Advertising Handles. Fan & Fly Swatter.

Stout J L Co The, 2 S Spanish. Cape Girardeau 492

Handles. Advertising, Fan & Fly Swatter.

Stout J L Co The, 2 S Spanish. Cape Girardeau 492

JEFFERSON CITY

Banks.

First National Bank, 120 E High.....Home 7

JOPLIN

Artificial Limbs.

Wintermute & Sons Artificial Limb Co, 1617 Main .....

Blasting Supplies and Explosives.

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

Boiler Makers.

Vaughan & Son Boiler & Machinery Co, 512-516 Grand av.....Home 455

Bridge Builders.

Concrete & Steel Construction Co, 212-14 Independent bldg .....Home 2154

Collecting Agencies.

Pettitt Adjustment Co, 611-12 Frisco bldg..Home 1503

Concentrating Machinery.

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

Detective Agencies.

Continental Detective Agency, Frisco bldg..Home 4229

Dynamite and Blasting Supplies.

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

Electrical Fixtures & Supplies (Jobbers).

Belden Electrical Supply Co (Distributors of Brascolite), 4th & Grand av.....Home 263
See our Catalog Space, page 968.

Engineers, Mining.

Allen Roy H, Miners Bank bldg.....Home 1360

Engines Boilers & Machinery.

Joplin Supply Co, 4th and Wall.....Home 2408

Explosives and Blasting Supplies.

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

Gravel.

Joplin Crushed Flint Co, Frisco bldg.....Home 1703

Machinery (Mining).

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

Machinery Mining for Rent.

Schneider Joseph Machinery Co, 401 School..Home 426

Mill Supplies.

Joplin Supply Co, 4th and Wall.....Home 2408

Milling Machinery (Mining)

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

Mining Machinery.

Rogers Foundry & Mfg Co, 11th and Pearl..Home 54

Mining Machinery for Rent.

Schneider Joseph Machinery Co, 401 School.Home 426

Mining Supplies.

Joplin Supply Co, 4th and Wall.....Home 2408

Patent Attorneys.

Earnshaw G W, Frisco bldg.....Home 850

Powder and Blasting Supplies.

Du Pont de Nemours E I & Company, Frisco bldg .....Home 838

Pulleys & Belting.

Joplin Supply Co, 4th and Wall.....Home 2408

Pumps.

Joplin Supply Co, 4th and Wall.....Home 2408

Smoke Stacks.

Vaughan & Son Boiler & Machinery Co, 512-516 Grand av.....Home 455

Weather Strips.

Monarch Metal Weather Strip Co (F W McKinley Distributor), 2127 Joplin .....Home 3421
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KANSAS CITY

Accountants.

Baker, Vawter & Wolf, Scarritt bldg.....Main 6300

Adding Machines.

Monroe Calculating Machine Co, Republic bldg .....Main 5036
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Addressing Folding & Mailing.

Strahm Grace V Letter Co, Grafic Arts bldg, 10th & Wind ot.....Bell-Main 4748 Home-Main 4748

Addressing Machines.

Addressograph Co (R C Hickman Dist Mgr), 1113 McGee .....Grand 134
See our Catalog Space, page 907.
Stickney & Montague, Direx-all (Office Appliance Co), 710 Delaware .....Main 931

Advertising Pencils.

Huntzinger Advertising & Mfg Co, 2615 Walnut .....Bell-Grand 3740 Home-Main 5613

Advertising Specialties.

Huntzinger Advertising & Mfg Co, 2615 Walnut .....Bell-Grand 3740 Home-Main 5613

Appraisals—Mnfg. Plants, Etc.

Standard Appraisal Company (Southwestern Appraisal Co, Rep), Kemper bldg.....Main 1566

Artificial Arms.

Carnes Artificial Limb Co, 904 E 12th st.....Bell-Grand 4488 Home-Main 9298

Artificial Flowers.

Botanical Decorating Co (Sansom Morehouse) 12th & Walnut .....Main 7905

Asphalt.

Barber Asphalt Paving Co The (Trinidad & Bermudez) Long bldg.....Main 2579

Auditors.

Baker, Vawter & Wolf, Scarritt bldg.....Main 6300

Autographic Registers & Roll Printed Stationery.

United Autographic Register Co, Shukert bldg .....Bell-Grand 1584 Home-Main 1360

Autographic Registers & Roll Printers.

Egry Register Co The (I C Hubbell, Sales Agt) Commerce Trust bldg.....Main 4586

Automobile Oils.

Indian Refining Co (Havoline Oil) 19th & Campbell.....Bell-Grand 1801 Home-Main 6504
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Automobile Repairs & Building.

Hesse Carriage Co, 311-313-315-317 E 17th .....Bell-Grand 3719 Home-Main 3719

KANSAS CITY—cont'd

Automobile Schools & Tractor Schools.

Rahe's Auto & Tractor School, 22nd & Oak ..... Bell-Grand 1580 Home-Main 5104

Automobile Tire Accessories, Manufacturers.

Stephens A J Rubber Co, 1322 Chestnut ..... Bell-East 703 Home-East 703

Badges & Buttons.

Huntzinger Advertising & Mfg Co, 2615 Walnut ..... Bell-Grand 3740 Home-Main 5613

Bags (Mnfrs.).

Milwaukee Bag Co, Postal bldg ..... Main 1016

Bank Fixtures.

American Sash & Door Co, 16th and Bellfountain ..... Bell-East 733 Home-East 1503

Bankers Advertising Specialties.

Huntzinger Advertising & Mfg Co, 2615 Walnut ..... Bell-Grand 3740 Home-Main 5613

Belt Dressing.

Cling Surface Co, 1223 W 10th ..... Bell-Main 3444 Home-Main 3444

Billiard Table Mnfrs. & Dealers in Supplies.

International Billiard Table Co, Coca Cola bldg, 22nd & Grand av ..... Bell-Grand 3628 Home-Main 1585

Boiler Compounds.

Economy Laboratories, New York Life bldg ..... Bell-Main 5088 Home-Main 5088

Bonds, Guarantee.

National Surety Co, (P O Draper, Genl Agt Western Mo), Commerce bldg ..... Main 2264

Bonds, Surety.

National Surety Co, (P O Draper, Genl Agt Western Mo), Commerce bldg ..... Main 2264

Boxes, Mnfrs., Paper.

National Paper Box Co, 20th and Tracy .. Grand 530

Brokers.

Sylvester W C Investment Co, 207 Commerce ..... Bell-Main 4900 Home-Main 4900

Burglary Insurance.

National Surety Co, (P O Draper, Genl Agt Western Mo), Commerce bldg ..... Main 2264

Business Training.

Alexander Hamilton Institute, Lathrop bldg. Main 4704
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Calculating Machines.

Monroe Calculating Machine Co, Republic bldg. ..... Main 5036
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Cans.

American Can Co, 14 Campbell North ..... North 8

Cans, Paper or Fibre.

Ritchie W C & Co, (Thompson, Munroe-Robins), 1201 Union av ..... Main 253
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St Louis Paper Can & Tube Co (A S Barada & Co), 2018 Guinotte av .. Bell-Main 1757 Home-Main 9099
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Cast Iron Pipe.

Central Foundry Company The, Commerce bldg. ..... Main 4653
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Castings, Gray Iron.

Central Foundry Company The, Commerce bldg ..... Main 4653
See our Advertisement Outside Back Cover

Cement Mnfrs.

Lehigh Portland Cement Co, Commerce bldg ..... Bell-Main 409 Home-Main 409

Chains, Silent.

Morse Chain Co, R A Long bldg ..... Main 3383

Chemicals.

Page-Love Chemical Co, 1210 W 9th ..... Bell-Main 2228 Home-Main 1695

Chemists Analytical & Consulting.

Kansas City Testing Laboratory, 1013 Grand av ..... Bell-Main 1327 Home-Main 3076

Cigars, Mnfrs.

Diesel-Wemmer Co The, 110-112 W Eleventh ..... Bell-Main 1553 Independent 1553

Cleaning Specialties, Efficiency Service Free.

Ford J B Co The, Commerce bldg ..... Main 591

Commercial Automobile Bodies & Repairs.

Missouri Wagon & Carriage Co, 308-310 Broadway ..... Bell-Main 156 Home-Main 156

Concrete Construction.

Raymond Concrete Pile Co, 1012 Baltimore av. ..... Main 3855

Concrete Mixers.

Koehring Machine Company (K W Lewis Direct Factory Repr), Commerce Trust bldg ..... Bell-Main 4586
Lansing-Company, 1413-1415 W 10th. Home-Main 4638

Concrete Piles.

Raymond Concrete Pile Co, 1012 Baltimore av ..... Main 3855

Consulting Engineers (Mechanical Equipment of Bldgs

Gillham Walter E, Interstate bldg ..... Main 6632

Cordage.

Whitlock Cordage Co, Railway Exchange bldg. ..... Main 9154

Cotton Goods, Commission Merchants.

Cassard Miron S & Co, (J C Motter), New England Life bldg ..... Home-Main 6706

Detective Agencies.

Burns Wm J International Detective Agency The, Inc, Ridge Arcade bldg ..... Bell-Main 6820 Home-Main 6820
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Kirks Detective Agency, Commerce bldg ..... Bell-Main 2002 Home-Main 2002
Marshall Detective Service Co The, Reliance bldg ..... Bell-Main 6194 Home-Main 6194
National Detective Agency, New York Life bldg, cor of 9th & Baltimore av ... Home-Main 5567
Trent & Baker Detective Agency, Ridge bldg ..... Bell-Main 4208 Home-Main 4208
Whitsett National Detective Agency, Hall bldg ..... Bell-Main 952 Home-Main 952

Disinfectants.

K C Disinfecting & Mfg Co, 112-14 W 7th ..... Bell-Main 707 Home-Main 775

Docks—Builders.

Raymond Concrete Pile Co, 1012 Baltimore av ..... Main 3855

Drug Importers & Exporters.

Lathrop H R & Co Inc, (A S Barada & Co), 2018 Guinotte av ..... Bell-Main 1757 Home-Main 9099

Education.

Alexander Hamilton Institute, Lathrop bldg .. Main 4704
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Electric Lighting Fixtures for All Purposes.

Brascolite (Funsten Electric Co, Distributors), 1310 Wyandotte ..... Bell-Grand 1070 Home-Main 2144
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Brascolite (Satterlee Electric Co, Distributors), 22 E 9th ..... Bell-Main 2880 Home-Main 2880
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Elevators Freight & Passenger.

Kansas City Elevator Mfg Co, 2601-7 Madison av ..... Bell-Grand 384 Home-Main 4384
Rafiner Elevator Works, 112 W 3rd ..... Bell-Main 1780 Home-Main 1780

Elevators, New & Second Hand.

Rafiner Elevator Works, 112 W 3rd ..... Bell-Main 1780 Home-Main 1780

Emery Cloth, Sand Paper & Garnet Paper.

United States Sand Paper Co, (Thompson, Munro & Robins Representatives), 1202 Union av Main 253

Employment Agencies.

Kansas City Engineering Agency, Railway Exch ..... Bell-Main 812 Home-Main 8532

Enameling & Plating.

McCreary Plating Co, 401 Wyandotte ..... Bell-Main 789 Home-Main 6924

Engineers.

Archer E T & Company, New England bldg ..... Bell-Main 5992 Home-Main 4399
Hunt Robert W & Co, Orear Leslie bldg ..... Main 2737

Envelopes.

Berkowitz Envelope Co, 19th and Campbell. Grand 243

Executive Training.

Alexander Hamilton Institute, Lathrop bldg .. Main 4704
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Fibre Containers.

American Can Co, 14 Campbell North ..... North 8

Filters, Water.

Seneca Filter Co, 407 Jackson av ..... Bell-East 1994 Home-East 661

Fire Appliances.

Pyrene Manufacturing Co, 1712 Grand av .. Grand 2049

Fire Extinguishers.

Fyr-Fyter Co The, (K D Frisby, Mngr), 117-121 W 14th ..... Bell-Grand 4327 Home-Main 4319

Floor Drains.

Central Foundry Company The, "Lynn", Commerce bldg ..... Main 4653
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Crampton-Farley Brass Co, 221 Main. Home-Main 2359
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Flooring.

Carter C J Lumber Co (Bloxonend), R A Long bldg ..... Bell-Main 1177 Home-Main 2369

Flour Mills.

Kirk David B & Co, 622 Wyandotte .. Home-Main 3890

Folding Boxes, Paper.

National Paper Box Co, 20th and Tracy ... Grand 530

Form and Multigraph Letters—All Kinds of Copying.

Strahm Grace V Letter Co, Grafic Arts bldg, 10th & Winedot ..... Bell-Main 4748 Home-Main 4748

Foundries.

Central Foundry Company The, Commerce bldg. ..... Main 4653
See our Advertisement Outside Back Cover.

Garnet Paper, Sand Paper & Emery Cloth.

United States Sand Paper Co (Thompson, Munro & Robins Rep) 1202 Union av ..... Main 253

Gas Mains.
Central Foundry Company The, Commerce bldg. ..... Main 4653
See our Advertisement Outside Back Cover.

Gasoline.
Union Petroleum Co, Republic bldg..... Main 1992

Gasoline, Gas & Kerosene Engines.
Faultless Engine Company, 1515 Cypress av..... Bell-East 4175 Home-East 1235

Gasoline—Lighting Systems "Street Lamps & Lanterns."
Economy Gas Lamp Co, 215-17 Goodrich ..... Bell-Grand 1511 Home-Main 4865

General Contractors.
Job Hollinger Construction Co, 108 Garfield av..... Home-East 2389

Hotel & Restaurant Equipment & Supplies.
Zeyn Chas & Son, 607 Main ..... Bell-Main 5056 Home-Main 5050

Insecticides.
K C Disinfecting & Mfg Co, 112-14 W 7th ..... Bell-Main 707 Home-Main 775

Inspection Bureaus.
Hunt Robert W & Co, Orear-Leslie bldg.... Main 2737

Janitors' Supplies.
K C Disinfecting & Mfg Co, 112-14 W W 7th ..... Bell-Main 707 Home-Main 775

Jewelers' Manufacturing—College Fraternity Badges.
Newman J F, 206 Lillis ..... Bell-Grand 571 Home-Main 1680

Lamp Black & Blacks of all Varieties.
Martin L Co The (Abner Hood Chemical Co), Station A..... Main 3621

Landscape Architects.
Helder Arthur H, Reliance bldg..... Home-Main 370

Laundry & Dry Cleaner's. Machinery & Supplies.
Purdy Bros Mfg & Supply Co, Traders bldg, 19th & Campbell... Bell-Grand 2265 Home-Main 8105

Liquid Soap.
K C Disinfecting & Mfg Co, 112-14 W 7th ..... Bell-Main 707 Home-Main 775

Lithographing.
Edwards & Deutsch Lithographing Co, (M R Chesney Adv Co Inc, Rep), Graphic Arts bldg..... Bell-Main 3061 Home-Main 4137

Lockers, Steel.
Medart Fred Mfg Co, (K-M Supply Co, Rep), 117 E 7th..... Main 3097

Lumber, Hardwood, Mnfrs.
Chapman & Dewey Lumber Co, Rialto bldg ..... Main 1548

Machine Shop, Hammer Forging&Cylinder Grinding.
Drago Machine Wks, 1416-18 Walnut ..... Bell-Grand 4264 Home-Main 7660

Machinery, Laundry, Cleaning & Dyeing.
Hickman Mfg Co, 1607 Locust..... Home-Main 3603

Mailing Cases.
St Louis Paper Can & Tube Co (A S Baruda & Co), 2018 Guinotte av. Bell-Main 1757 Home-Main 9099
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Mailing Tubes.
St Louis Paper Can & Tube Co (A S Baruda & Co), 2018 Guinotte av. Bell-Main 1757 Home-Main 9099
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Manhole Frames & Covers.
Central Foundry Company The, Commerce bldg ..... Main 4653
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Marine Castings.
Central Foundry Company The, Commerce bldg ..... Main 4653
See our Advertisement Outside Back Cover.

Metal Stamping.
Neevel Mfg Co, 1409 Kansas av..... Home-East 1796

Metallic Doors Fireproof.
Bolin Metallic Door Co, 1613 Crystal av.... East 1970

Meters, Gas.
Metric Metal Works, Commerce bldg..... Main 5176

Models & Experimental Wk.
Wood George, Postal bldg..... Home-Main 5894

Moving, Packing, Shipping & Storage of Household Goods.
A-B-C Fireproof Warehouse Co, 8th and Troost ..... Main 123
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Office Equipment.
Monroe Calculating Machine Co, Republic bldg. ..... Main 5036
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Oils.
Anderson & Gustafson, Finance bldg..... Main 5670
Union Petroleum Co, Republic bldg..... Main 1992

Oils, Refiners.
Mutual Oil Co, Interstate bldg. ..... Bell-Grand 4521 Home-Main 4521

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (Kansas City Rubber & Belting Co) (For Oils, Alkalies & Benzol Products), 712 Delaware.. Bell-Main 5014 Home-Main 6947

Paints, Glass & Oils.
Kansas City Paint & Glass Co, 604 Independence av..... Bell-Main 4171 Home-Main 9171

Paints & Varnishes.
Westgate Paint Co, 608-10 Broadway..... Bell-Main 7178 Home-Main 7178

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 1217 W 9th..... Main 6127

Paper Bag Mnfrs.
Advance Bag Co The (H J Cole & Co), Grand av Temple..... Main 1810

Paper Boxes.
National Paper Box Co, 20th and Tracy.... Grand 530

Paper Tube & Can Mnfrs.
National Paper Box Co, 20th and Tracy.... Grand 530

Patent Attorneys.
Brown Arthur C, Commerce bldg ..... Bell-Main 167 Home-Main 4645
Davis W F & Son, Gloyd bldg..... Home-Main 383

Patterns & Models.
Acme Pattern & Model Works, 16 E 17th ..... Home-Main 6707

Paving Materials.
Boyd-Hall Material Co, New Nelson bldg ..... Bell-Main 7050 Home-Main 7050

Pencils, Mnfrs., Advertising
Huntzinger Advertising & Mfg Co, 2615 Walnut ..... Bell-Grand 3740 Home-Main 5613

Piano Manufacturers.
Smith Barnes & Strobber Co, 917 19 Grand av ..... Bell-Main 914 Home-Main 8844

Piles—Concrete.
Raymond Concrete Pile Co, 1012 Baltimore av ..... Main 3855

Plumbers' Supplies.
K C Flash & Drain Supplie , 1112 Oak Home-Main 9157

Plumbers' Supplies, Manufacturers.
Prier Brass Mfg Co, 15th & Blue River ..... Bell-East 1164 Home-East 1164

Power Transmission.
Morse Chain Co, R A Long bldg..... Main 3383

Printing Machinery, Type & Supplies.
American Type Founders Co, cor 10th and Wyandotte ..... Main 1664
See our Catalog Space, page 1019

Railroad Claim Collectors.
Donaldson & Co, Gloyd bldg ..... Bell-Main 1775 Home-Main 1775

Reamers.
Whitman & Barnes Mfg Co The (The Carr Manufacturing Co, Agts). Bell-Main 360 Independent-Main 360

Reflectors.
McElwain M A, 15 W 9th..... Bell-Main 975 Home-Main 7240

Refrigerators for All Purposes.
McCray Refrigerator Co, 1228 Walnut ..... Bell-Grand 4237 Home-Main 4237

Roofing Tile.
Ludowici-Celadon Company, Reliance bldg.. Main 4303

Rope.
Whitlock Cordage Co, Railway Exchange bldg ..... Main 9154

Safes.
Baum J Safe & Lock Co The (Harrigan Safe Co), 917 Broadway ..... Home-Main 5325

Sand (Missouri River).
Stewart-Peck Sand Co, American Bank bldg ..... Bell-Main 1601 Home-Main 1601

Sand Paper, Emery Cloth & Garnet Paper.
United States Sand Paper Co, (Thompson, Munro & Robins Representatives) 1202 Union av ..... Main 253

Sash & Door Manufacturers.
American Sash & Door Co, 16th and Bellfountain ..... Bell-East 733 Home-East 1503

Signs & Letters for Windows & Store Fronts.
Pelchman F C, 121 W 8th ..... Bell-Main 2906 Home-Main 2906

Soil Pipe.
Central Foundry Company [illegible] Main 4653
See our Advertisement Outside [illegible]

Steam Traps.
Corliss Valve Steam Trap (Franklin Williams), R A Long bldg..... Bell-Main 1280 Home-Main 5320

Steel—Cold Drawn.
Weyer W S, New England bldg ..... Bell-Main 2931-W Home-Main 2931

KANSAS CITY—cont'd

Stencil Cutting Machines.
Ideal Stencil Machine The (Office Appliance Co), 710 Delaware ..... Home-Main 931
See our Catalog Space, page 1010

Stencil & Marking Inks.
Ideal Stencil Machine The (Office Appliance Co), 710 Delaware ..... Home-Main 931
See our Catalog Space, page 1010

Storage Shipping Packing & Moving of Household Goods.
A-B-C Fireproof Warehouse Co, 8th and Troost ..... Main 123
See our Catalog Space, page 1011

Stove & Furnace Repairs.
Hoover Stove Repair Co, 20th & S W bl. Home-Main 5932

Surety Bonds.
National Surety Company (P O Draper, General Agent, Western Missouri), Commerce bldg ..... Main 2264

Sweeping Compounds.
K C Disinfecting & Mfg Co, 112-14 W 7th ..... Bell-Main 707, Home-Main 775

Tanners and Taxidermists.
Kansas City Robe & Tanning Co, 110 W 3rd ..... Home-Main 7994

Telephone Exchange Equipment (Complete).
Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

Telephone Systems, Intercommunicating.
Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

Telephone Switchboards, (Farm, Town and City).
Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

Telephones (Farm, Town and City).
Stromberg-Carlson Telephone Mfg Co, 1322 Main ..... Grand 1376

Testing Laboratories.
Hunt Robert W & Co, Orear-Leslie bldg ..... Main 2737

Tiles, Roofing.
Ludowici-Celadon Company, Reliance bldg ..... Main 4303

Trucks, Industrial.
Lansing-Company, 1413-1415 W 10th. Home-Main 4638

Twist Drills.
Whitman & Barnes Mfg Co, The, (The Carr Manufacturing Co, Agents) ..... Bell-Main 360, Home-Main 360

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, cor 10th and Wyandotte ..... Main 1664
See our Catalog Space, page 1019

Typewriters—Portable.
Corona Typewriter Company Inc, 220 E 12th. Grand 277

Universal Cast Iron Pipe.
Central Foundry Company The, Commerce bldg ..... Main 4653
See our Adv. Outside Back Cover

Valve Boxes.
Central Foundry Company The, Commerce bldg ..... Main 4653
See our Adv. Outside Back Cover

Varnishes.
Seidlitz Varnish Co, 18th & Garfield ..... Bell-East 344, Home-East 4150

Washing Machines, Mnfrs.
Maytag Company The, 11th and Mulberry ..... Main 57

Water Mains.
Central Foundry Company The, Commerce bldg ..... Main 4653
See our Adv. Outside Back Cover

Water Supply Systems.
Kansas City Pump Co, (Leader Iron Wks) 1308-22 W 10th ..... Main 4342

Weather Strips.
Monarch Metal Weather Strip Co, The, (Sam Fletcher, Distributor), 107 W 8th ..... Main 8733
See our Catalog Space, page 1023

Welding Devices and Supplies.
Economy Welding Machine Company, Southwest bl and Central ..... Bell-Grand 2272, Home-Main 4389

Wheelbarrows.
Lansing-Company, 1413-1415 W 10th. Home-Main 4638

LOUISIANA

Automobile Mechanics Tools.
Buffum Tool Co, 4th & Tennessee ..... Louisiana 255
See our Catalog Space, page 1018

Automobile Tool Kits.
Buffum Tool Co, 4th & Tennessee ..... Louisiana 255
See our Catalog Space, page 1018

Mechanics Tools.
Buffum Tool Co, 4th & Tennessee ..... Louisiana 255
See our Catalog Space, page 1018

Tools, Automobile Mechanics.
Buffum Tool Co, 4th & Tennessee ..... Louisiana 255
See our Catalog Space, page 1018

NEVADA

Ceilings, Steel.
Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar ..... Nevada 552

Cornices and Skylights, Mfgrs.
Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar ..... Nevada 552

Sheet Metal Mfgrs.
Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar ..... Nevada 552

Shingles, Metal.
Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar ..... Nevada 552

Tiles, Metal, Spanish.
Norman W F Sheet Metal Mfg Co The, 226-246 N Cedar ..... Nevada 552

ST JOSEPH

Boxes, Foldg Paper, Cartons Ice Cream & Oyster Pails.
St Joseph Paper Box Co, 115 Francis ..... Main 751

Detective Agencies.
Central Detective Agency, 6th and Edmond Commercial bldg ..... Main 208
Hartley Detective Agency, 214 S 8th ..... Main 92

ST. LOUIS

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Accountants.
Baker Vawter & Wolf, Federal Reserve Bank bldg ..... Olive 3227

Accountants, Certified, Public.
Ernst & Ernst, Boatmen's Bank bldg ..... Bell-Olive 3950, Kinloch-Central 1305

Acetylene Apparatus.
Davis-Bournonville Co, 1005 Pine ..... Olive 883
See our Catalog Space, page 1023

Acetylene Welding Apparatus.
American Welding Co, 23d and Olive ..... Bell-Bomont 1895, Kinloch-Central 5201

Adding Machines.
Monroe Calculating Machine Co, Syndicate Trust bldg ..... Olive 107
See our Catalog Space, page 905

Addressing Machines.
Addressograph Co (F W & J W Thompson Dist Mgrs), Fullerton bldg ..... Olive 844
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Victoria bldg, 8th & Locust ..... Olive 341

Advertising Classified Telephone Directory.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 211 N 7th ..... Olive 2330

Advertising Picture Frames.
Pitts R P Moulding Picture Frame Co, 2500 Cass av ..... Tyler 1335

Advertising Slides.
Advertising Slide Co, 802 Chestnut ..... Olive 1489

Appraisers.
American Appraisal Co The, Pierce bldg ..... Olive 458
Fidelity Appraisal Co, Central National bldg ..... Bell-Olive 1021, Kinloch-Central 3765
Manufacturers' Appraisal Company, Pierce bldg ..... Main 735

Architects & Engineers Supplies.
Ruckert Architect's Supply Co, Merchants-Laclede bldg ..... Main 5200

Architectural Sculptors—Modelers and Designers.
Berlendis Victor, 1329 S Vandeventer ..... Grand 4647

Art Glass.
Other W F Unique Art Glass Co, 17th bet Olive & Locust ..... Bell-Olive 5059, Kinloch-Central 5059

Artificial Leather.
Endura Mfg Co (Niedringhaus & Koeneke), 108 S Main ..... Main 565

Artificial Limbs & Supplies.
Hanger Artificial Limb Co, 1914 Olive ..... Bomont 250

Ash Handling Equipment.
Green Engineering Co, Railway Exchange bldg ..... Olive 4463

Auditors.
Baker Vawter & Wolf, Federal Reserve Bank bldg ..... Olive 3227

Autographic Registers and Roll Printed Stationery.
United Autographic Register Co, Central National Bank bldg ..... Olive 3202

Autographic Registers & Roll Printers.
Egry Register Co The (R J Blauner, Agt), 208 N 4th.....Bell-Olive 1785 Kinloch-Central 1210
Globe Register Co The, (Walter S Burns) Railway Exch bldg.....Olive 4595

Automobile Accessories, Magnetos and Ignition Supplies.
Ford Magneto Co, 2611 Locust.....Bomont 65

Automobile License Number Plates.
Grimm Stamp & Badge Co, 1311 Carr Lane av.....Grand 2117

Automobile Salvage, New & 2nd Hand Auto Parts.
Maxwell Bros Auto Salvage Co, 3931 Olive.....Bell-Lindell 2340 Kinloch-Delmar 1020

Automobile Straps.
Ulbricht J C Mfg Co, 307 S Second....Bell-Olive 3631 .....Kinloch-Central 5619-R

Babbitt and Anti Friction Metals.
Hiertz Theo Metal Co, 8009 Alaska av.....Bell-Riverside 134 Kinloch-Laclede 17
Hoyt Metal Co, Boatmen's Bank bldg.....Main 5150

Bags—Second Hand.
Knickerbocker Bag Co Inc, 812-14-16 N 10th.....Bell-Olive 2264 Kinloch-Central 2690

Bakers Gas Boilers, Pat'd Oven Steamer.
Freymark Machine & Tool Co, 2110 Market.....Bomont 143

Bakers Machinery.
American Bakers Machinery Co, 902 Clinton.Tyler 2798

Ball Bearings.
Ahlberg Bearing Co, 2831 Locust.....Bomont 372

Ball Bearings, Reground & New All Makes and Special.
Ahlberg Bearing Co, 2831 Locust.....Bomont 372

Bank Fixtures.
St Louis Bank Equipment & Fixture Co, 807-09-11 Walnut.....Bell-Olive 4188 Kinloch-Central 4590

Bank Fixtures, Brass and Iron Work.
Usona Mfg Co, 822 S 18th.....Olive 3433

Bank & Office Railings.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Bank, Store & Office Fixtures, "Interior Finish".
Blumer Cabinet Co, 2110 Walnut.....Bomont 589

Bankers Supplies (Pass Books).
Schaefer & Keim Mfg Co, 818 N 2d.....Central 5445

Banks.
National Bank of Commerce in St Louis The, Broadway and Olive.....Main 5512

Barber Chairs.
Koken Barbers' Supply Co, 2528 Texas av.Sidney 4310

Bars for Re-Inforced Concrete.
Corrugated Bar Co, Federal Reserve Bank bldg.....Olive 2860

Bearings, Car and Engine.
Gilbert A & Sons Brass Foundry Co, 4019 Forest Park bl.....Lindell 2535

Belt Fasteners, Steel. & Wire.
Columbia Novelty Mfg Co, "Stag", 1431 N 8th.....Tyler 135

Belting.
Alexander Bros Leather Belting (Day Rubber Co), 415 N 4th.....Main 3608

Belting Leather.
Union Belting Co, 400-402 N 2d.....Main 3838

Blasting Supplies and Explosives.
Du Pont de Nemours E I & Company, Wright bldg.....Main 3545

Blowers and Exhaust Fan Mfrs.
Ilg Electric Ventilating Co, Syndicate Trust bldg.....Olive 1515

Blue Prints & Blue Print Paper.
Ruckert Architect's Supply Co, Merchant's-Laclede bldg.....Main 5200

Boiler Compound.
Arrow Boiler Compound Co, Commonwealth Trust bldg...Bell-Main 1334 Kinloch-Central 25
Bird-Archer Co The, Frisco bldg.....Olive 2975

Boiler Compound—Metal Treatment.
Perolin Company of America The, Railway Exch bldg.....Olive 857

Boiler Tubes, Second Hand.
Greenspon's Jos Sons Iron & Steel Co, Second and Branch.....Tyler 236

Boilers, Engines & Machinery, New & Second Hand.
Partridge Arthur S, 415 Pine.....Main 1071

Bolts, Nuts and Rivets.
Ryerson Joseph T & Son, 2208 N 2d.....Bell-Tyler 2500 Kinloch-Central 3645

Bonds, Guarantee.
National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills), Pierce bldg.....Olive 1026

Bonds & Stocks.
Edwards A G & Sons, 412 Olive.....Main 3380

Bonds, Surety.
National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills), Pierce bldg.....Olive 1026

Book Binders.
Becktold Printing & Book Mfg Co, 200-12 Pine.....Bell-Main 36 Kinloch-Central 2578
Curran Con P Printing Co, 8th and Walnut.....Bell-Main 5191 Kinloch-Central 991

Bookbinders & Edge Gilders.
Kampmeyer & Wagner, 325 Locust.....Bell-Main 4026 Kinloch-Central 6579-L

Book Binders Machinery.
Gane Bros & Co, 200-204 N 3d.....Bell-Main 432 Kinloch-Central 624-R

Book Binders Supplies.
Gane Bros & Co, 200-204 N 3d.....Bell-Main 432 Kinloch-Central 624-R

Bookbinding and Ruling.
Carthage Bookbindery The, 411½ S Main.Carthage 1096

Box Shooks.
Chicago Mill & Lumber Co (W O Shillington Mgr), 2d and Chouteau av.....Main 1777

Boxes Mnfrs., Corrugated and Fibre.
Loy-Lange Box Co, 3d and Russell.....Sidney 579
Mid-West Box Co, Continental Bank bldg..Olive 1659
See our Catalog Space, page 926

Boxes, Paper, Candy, Fancy and Holiday, All Kinds.
All Paper Box Co, 123 S 8th.....Bell-Olive 3119 Kinloch-Central 4447

Boxes, Paper & Wooden.
Advance Paper Box Co, 21st and Pine.....Bell-Bomont 2140 Kinloch-Central 2859

Boxes, Wire Bound.
Chicago Mill & Lumber Co (W O Shillington Mgr), 2d & Chouteau av.....Main 1777

Boxes, Wooden.
Chicago Mill & Lumber Co (W O Shillington Mgr), 2d & Chouteau av.....Main 1777

Brass (Sheet, Rod, Wire and Tube).
Heimbuecher Jno H Metals Co (Rome Quality), 514 N 3d.....Bell-Main 1037 Kinloch-Central 2382

Brass, Bronze & Steel Work Architectural, Ornamental.
Usona Mfg Co, 822 S 18th.....Olive 3433

Brass Founders.
Eureka Brass Co, 601 Red Bud av.....Colfax 1012

Brass Founders & Finishers.
Gilbert A & Sons Brass Foundry Co, 4019 Forest Park bl.....Lindell 2535

Brass Mnfrg.
Schaefer Brass & Mfg Co, 815 Clark av.....Bell-Olive 3292 Kinloch-Central 4304

Brewers Machinery Every Description.
Ruemmeli-Dawley Mfg Co The, 3900 Chouteau av.....Grand 2346

Brick Making Machines.
Fernholtz Brick Machinery Co The, Boyle and Vandeventer avs.....Grand 212

Bridges, Steel.
American Bridge Company, Third National Bank bldg.....Olive 4030

Brokers.
Edwards A G & Sons, 412 Olive.....Main 3380

Brokers "Dried Fruits & Can Goods".
Ford & Doan Mdse Brokers, 412 S 7th.....Main 277

Brushes, Fountain—Stencil.
Garvey Fountain Brush & Ink Co, 7th and Howard.....Tyler 365

Bunting—Signal Flag.
ZittlosenManufacturing Co, Park and Dolan, Dept D.....Sidney 3700

Burglary Insurance.
National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills), Pierce bldg.....Olive 1026

Cabinet & Stair Mnfrs "Mill Work".
Reinhardt John W Stair Co, 25 S 15th.....Main 2333

Calculating Machines.
Monroe Calculating Machine Co, Syndicate Trust bldg.....Olive 107
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Cans.
American Can Co, Branch and Hall.....Tyler 3040

Cans, Paper or Fibre.
St Louis Paper Can & Tube Co, 4400 N Union av.....Colfax 160
See our Catalog Space, page 928

Caps, Uniform.
Goettler Cap Co, 1260 S Bway.....Olive 2277

Carbonated Beverages.
Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d ..... Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

Carbonated Water.
Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d ..... Bell-Olive 904 Kinloch-Central 1627
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Cars, Railway (Freight, Passenger, Etc).
American Car & Foundry Co, 915 Olive.....Olive 2600

Cartons, Butter (Paraffined.)
Doane Carton Co, 912-22 N Market.....Tyler 120

Cartons, Folding Paper.
Chicago Carton Company (Julian Maas, Repr), Chemical bldg..... Bell-Olive 4921 Kinloch-Central 1521
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Case or Cover Makers for any Style Binding.
Becktold Printing & Book Mfg Co, 200-212 Pine..... Bell-Main 36 Kinloch-Central 2578

Casement Window Stays, Operators and Hardware.
Monarch Metal Weather Strip Co The, 4121 Forest Park bl..... Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023

Castings, Acid Resisting & Grey Iron.
United States Cast Iron Pipe & Foundry Co, 319 N 4th.....Olive 549

Castings, Iron (Grey Malleable).
American Car & Foundry Co, 915 Olive.....Olive 2600

Chain Grates.
Green Engineering Co, Railway Exchange bldg .....Olive 4463

Chain Manufacturers.
Jeffrey Mfg Co The, Railway Exchange bldg.Olive 2349

Chains, Silent.
Morse Chain Co, Chemical bldg.....Olive 423

Chairs, Barber.
Koken Barbers' Supply Co, 2528 Texas av..Sidney 4310

Check Book Covers.
Becktold Printing & Book Mfg Co, 200-12 Pine..... Bell-Main 36 Kinloch-Central 2578

Check Covers & Pass Books.
Schaefer & Keim Mfg Co, 318 N 2d.....Central 5445

Chemical Manufacturing Sites.
St Louis Chamber of Commerce, 510 Locust ..... Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

Chemical Rings & Brick for Acid Tower Lining.
Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
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Chemicals, Heavy Commercial and Flowers of Sulphur.
Commercial Acid Co, Boatmen's Bk bldg...Olive 2010

Chemists Analytical & Consulting.
Chauvenet Regis & Brother, 620 Chestnut...Main 2961

Chiropodist Furniture & Supplies.
Koken Barbers' Supply Co, 2528 Texas av..Sidney 4310

Cities and Towns.
St Louis Chamber of Commerce, 510 Locust ..... Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The, R R Exchange bldg.....Olive 5460

Cloth Cutting Machines.
Universal Cutter Co, 4567-69 Scott av ..... Bell-Forest 3147 Kinloch-Delmar 2498-R

Cloth Specialties.
Zittlosen Manufacturing Co, Park and Dolman, Dept D .....Sidney 3700

Clothes Dryers for Residences, Apts. & Institutions.
National Sheet Metal Mfg Co, 3939 Olive ..... Bell-Lindell 2141 Kinloch-Delmar 4317

Coal Mining Machinery.
Jeffrey Mfg Co The, Railway Exchange bldg..Olive 2349

Coke.
Addy Matthew Company The, 3d Natl Bk bldg .....Main 2750

Collars, Cleanable.
Arlington Company, 505 N 7th.....Olive 1054

Collecting Agencies.
Snowden & Snowden (Collections—Adjustments anywhere—Resultgetters—Bonded—Letters answered—Remittances made, day received. Reference in your City if Desired) Railway Exch bldg .....Olive 2408

Collecting Agencies (Grain & Cotton Drafts).
National Bank of Commerce in St Louis The, Bway and Olive.....Main 5512

Collections.
Comercial Adjustment Bureau, Times bldg.Olive 134

Columns, Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 319 N 4th.....Olive 549

Compressors, Air.
Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

Compressors, Garage.
Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

Concrete Mixers.
Koehring Machine Company, (C F Rabbeitt Dist Mngr) Railway Exchange bldg.....Olive 1353

Concrete Re-Inforcing Bars & Mesh.
Corrugated Bar Co, Federal Reserve Bank bldg .....Olive 2860

Consulting Engineers, Reinforced Concrete.
Brussel & Viterbo, Wright bldg.....Olive 3604

Containers, Corrugated & Fibre.
Chicago Mill & Lumber Co (W O Shillington Mgr), 2d and Chouteau av.....Main 1777

Contractors Equipment.
Smith Geo F, Channing and Franklin....Bomont 384

Contractors' Machinery.
Hely J P, 3840 Market.....Lindell 3590

Conveying, Elevating and Power Transmission Mach.
Jeffrey Mfg Co The, Railway Exchange bldg..Olive 2349

Conveying Machinery.
Alvey Manufacturing Co, 3201 S Broadway.Sidney 4655

Conveyors, Gravity, Package, Belt, Power, Lumber.
Alvey Manufacturing Co, 3201 S Broadway.Sidney 4655

Cooperage, Slack & Tight Heading, Hoops & Staves.
Bolz Cooperage Corporation, Title Guaranty bldg .....Olive 1177

Copper, Sheets, Rods, Tubing Rivets, Nails Etc.
Heimbuecher Jno H Metals Co (Rome Quality), 514 N 3d..... Bell-Main 1037 Kinloch-Central 2382

Cores, Paper for Winding.
St Louis Paper Can & Tube Co, 4400 N Union av .....Colfax 160
See our Catalog Space, page 928

Corrugated Paper.
Mid-West Box Co, Continental Bank bldg..Olive 1659
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Corrugated Paper Shipping Boxes.
Bulis J C Mfg Co, 1122 S 12th.....Main 2486

Corrugated Shipping Cases.
Mid-West Box Co, Continental Bank bldg...Olive 1659
See our Catalog Space, page 926

Cotton Duck.
Zittlosen Manufacturing Co, Park and Dolman Dept D .....Sidney 3700

Cotton Factors.
Hill Napoleon Cotton Co, 116 S Main.....Main 1625

Cotton Goods, Commission Merchants.
Cassard Miron S & Co (Eugene W Lewis), Holland bldg .....Cabany 3924

Cotton Shippers.
Tiffany G S & Co, 106 S 1st.....Olive 2891

Covers—Wagon.
Zittlosen Manufacturing Co, Park and Dolman Dept D .....Sidney 3700

Cranes, Traveling & Jib.
Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

Crushing and Pulverizing Machinery.
Jeffrey Mfg Co The, Railway Exchange bldg..Olive 2349

Culverts, Cast Iron.
United States Cast Iron Pipe & Foundry Co, 319 N 4th.....Olive 549

Detective Agencies.
Burns Wm J International Detective Agency The, Inc, Railway Exchange bldg ..... Bell-Main 279 Kinloch-Central 1489
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Disher's Detective Agency, Central Nat Bank bldg ..... Bell-Olive 4470 Kinloch-Central 836
Merchants Mnfrs Secret Service Bureau, Chemical bldg .....Olive 4208

Dictaphones.
Columbia Graphophone Co, 1127 Pine.....Olive 3084

Dies, Tools, Jigs & Fixtures.
Omar Tool & Machine Co, 1828 N 17th.....Tyler 1068

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 211 N 7th .....Olive 2330

Doors French, Operators and Stays.
Monarch Metal Weather Strip Co The, Bell-Lindell 5420
4121 Forest Park bl.....Kinloch-Delmar 485
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Drills Twist, Carbon, High Speed Reamers and Taps.
Heimbuecher Jno H Metals Co (National), 514 N 3d.....Bell-Main 1037 Kinloch-Central 2382

Drug Importers.
McLaughlin Gormley King Co, Pierce bldg .....Bell-Olive 4551 Kinloch-Central 1057

Drug Importers & Exporters.
Lathrop H R & Co Inc (A S Barada & Co), 1002 Wright bldg.....Olive 5222

Drug Millers.
McLaughlin Gormley King Co, Pierce bldg .....Bell-Olive 4551 Kinloch-Central 1057

Dust Collectors & Blow Piping.
Skinner Bros Mfg Co, 10th and Tyler.....Tyler 596

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, Wright bldg .....Main 3545

Electric Lighting Fixtures, for all Purposes.
Brascolite (Commercial Electrical Supply Co, Distributors), ne corner 15th and Pine .....Bell-Main 1292 Kinloch-Central 3835
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Brascolite (Wesco Supply Co, Distributors), 7th and Clark av.....Main 3230
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Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

Electric Motors.
Advance Electric Co, Chestnut and Commercial .....Olive 1995

Electric Motor Repairing.
Acme Electric Co, 221a Market .....Bell-Olive 2189 Kinloch-Central 2680

Electric Motors, New and Used.
Acme Electric Co, 221a Market .....Bell-Olive 2189 Kinloch-Central 2680

Electric Panel Boards.
Wurdack Wm El Mfg Co, 28 S 11th.....Bell-Olive 3457 Kinloch-Central 3976

Electric Switch Boards.
Wurdack Wm El Mfg Co, 28 S 11th.....Bell-Olive 3457 Kinloch-Central 3976

Electrical Machinery, Second Hand.
Partridge Arthur S, 415 Pine.....Main 1071

Electro-Platers.
Rick-Felton Plating & Mfg Co, 4219 Olive .....Bell-Lindell 1498 Kinloch-Central 1347

Elevating Trucks.
Lewis-Shepard Company (Jas O Coleman, Agt), 4021a Shaw av.....Grand 4716-J

Elevator Enclosures.
Usona Mfg Co, 522 S 18th.....Olive 3433

Elevators.
Kaestner & Hecht Co, Central Natl Bk bldg.Olive 1607

Emery Cloth, Sand Paper and Garnet Paper.
United States Sand Paper Co (Thompson, Munroe & Robins, Representatives), Wright bldg .....Olive 819

Enameling Porcelain.
Missouri Enameling & Mfg Co, 2244 Dickson.Tyler 922

Engineers.
Hunt Robt W & Co, Syndicate Trust bldg....Olive 1884

Engineers Combustion, High Temperature Specialists.
Russell Engineering Company, Railway Exchange bldg .....Olive 3763

Engineers, Consulting, Mechanical & Refrigerating.
Tait & Nordmeyer Engineering Co, International Life bldg.....Olive 3658

Engineers Supplies and Architects Supplies.
Ruckert Architect's Supply Co, Merchants-Laclede bldg .....Main 5200

Engines, Boilers & Machinery, New & Second Hand.
Partridge Arthur S, 415 Pine.....Main 1071

Engravers.
Acme Engraving Co, 804 Pine .....Bell-Olive 5263 Kinloch-Central 1938
Central Engraving Co, 114 N Seventh .....Bell-Olive 4436 Kinloch-Central 404

Engravers, Photo Engraving & Commercial Artists.
Rapid Engraving Co, 17th and Locust.....Olive 6130

Engravers—Steel Die Embossers—Plate Printers.
Johnstone R L Engraving Co, Navarre bldg..Olive 5590

Engravers' Supplies.
National Steel & Copper Plate Co, 1101 Locust .....Olive 4170

Envelopes.
St Louis Envelope Co, 115 S 8th .....Bell-Olive 625 Kinloch-Central 336

Excavating & Wrecking.
Pollman A F, 2309 Victor.....Kinloch-Victor 687

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Wright bldg .....Main 3545

Fabric Measuring & Cost Computing Machines.
Measuregraph Company The, 1819 Olive..Bomont 1300

Fac-Simile, Circular & Multigraphed Letters.
Myler Miss A H, 900 Security bldg.....Olive 3606

Fans, Blowers & Exhausters, Mfrs.
Ilg Electric Ventilating Co, Syndicate Trust bldg .....Olive 1515

Fences, Iron & Wire.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Fibre.
White T O Electric Supply Co, 1122 Pine...Olive 572

Fibre Containers.
American Can Co, Branch & Hall.....Tyler 3040

Fibre Shipping Containers.
Chicago Carton Company (Julian Mass, Rep), Chemical bldg...Bell-Olive 4921 Kinloch-Central 1521
See our Catalog Space, page 959
Mid-West Box Co, Continental Bank bldg...Olive 1659
See our Catalog Space, page 926

Fire Brick—Bauxite (Magnalite) Acid Proof.
Laclede-Christy Clay Products Co, Railway Exchange bldg.....Olive 6800
See our Catalog Space, page 955

Fire Clay, High Grade Plastic.
Oak Hill Fire Clay Co, 39th & Neosho...Riverside 653

Fire Clays—Furnace, Glass Pot, Crucible & Enameling.
Laclede-Christy Clay Products Co, Railway Exchange bldg.....Olive 6800
See our Catalog Space, page 955

Fire Escapes.
American Fire Escape Co, 3941-51 Forest Park bl.....Lindell 1138
Lasar Mfg Co, 1314 N 16th.....Tyler 118

Fire Proof Doors & Windows.
Reliance Fireproof Door Co (St Louis Sales Company) Chemical bldg.....Main 150

Fittings, Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 319 N 4th.....Olive 549

Fittings, Cast Iron Flange.
American Car & Foundry Co, 915 Olive.....Olive 2600

Fixtures, Lighting for all Purposes.
Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

Floors, Hardwood, Surfacing, Finishing, Hand & Mach.
Preiss J H Hardwood Floor Co, 105 N 7th .....Bell-Olive 1412 Kinloch-Central 4544

Foreign Exchange.
National Bank of Commerce in St Louis The, Bway and Olive.....Main 5512

Forgings: Iron & Steel.
American Car & Foundry Co, 915 Olive....Olive 2600

Forwarding Agents.
Cunn Transfer Co Inc, 17th & Walnut.....Olive 81

Fountain Pen Mnfrs. Wholesale & Retail.
Lipic Jos Pen Co, 316 N 6th.....Olive 5360

Fur, Wool, Hides.
Parker & Block, 4 and 6 Main.....Bell-Olive 1617 Kinloch-Central 4405
See our Catalog Space, page 958
Summerfield Simon & Co, 312-14 N Main....Main 767

Furnaces—High Temperature Development & Constn.
Russell Engineering Company, Railway Exchange bldg .....Olive 3763

Furniture (Barbers).
Koken Barbers' Supply Co, 2528 Texas av..Sidney 4310

Furniture (Hairdressers).
Koken Barbers' Supply Co, 2528 Texas av..Sidney 4310

ST. LOUIS—continued

Garnet Paper, Sand Paper and Emery Cloth.
United States Sand Paper Co (Thompson, Munro & Robins, Reprs), Wright bldg.....Olive 819

Gasoline & Oil Storage Tanks, Welded & Riveted.
Wilsdorf Sheet Metal Works, 215 St George.Sidney 367

Gears.
Turley Gear & Machine Co, 1505-11 N Tenth .....Tyler 2448

Ginger Ale.
Manitou Mineral Water Company The, (Walter Hemsley, Rep), 403 N 3d .....Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

Ginger Champagne.
Manitou Mineral Water Company The, (Walter Hemsley, Rep), 403 N 3d .....Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

Glues and Gelatines, Every Grade for Every Purpose.
Gage W H Glue Co, 114 Pine.....Bell-Olive 5765 Kinloch-Central 2446

Glues, Gelatines & Ice Cream Powders, All Kinds.
St Louis Glue Mfg Co, 2145 Division .....Bell-Bomont 2221 Kinloch-Central 972-L

Grass Catchers for Lawn Mowers.
Zittlosen Manufacturing Co, Park and Dolman Dept D.....Sidney 3700

Grates, Complete Fireplace Trimmings.
Hornet Mantel Co, 1115 Market.....Main 2201

Gravel.
Egyptian Gravel Co, Rialto bldg.....Olive 4395

Gravity Conveyors & Spiral Chutes for Boxed Mdse.
Minnesota Manufacturers Association (G A Link Supply Co), Chemical bldg .....Kinloch-Central 4402

Gymnasium Apparatus.
Medart Fred Mfg Co, Potomac and De Kalb.Sidney 4315

Hardwood Floor Contractors.
Preiss J H Hardwood Floor Co, 105 N 7th .....Bell-Olive 1412 Kinloch-Central 4544

Harness Mnfrs.
Ulbricht J C Mfg Co, 307 S Second .....Bell-Olive 3631 Kinloch-Central 5619-R

Heating.
Star Heating & American Fire Escape Co, 3941-51 Forest Park bl.....Lindell 1138

Heating Plants, Hot Air for Factories.
Skinner Bros Mfg Co, 10th and Tyler.....Tyler 596

Hides, Furs and Wool.
Parker & Block, 4 and 6 S Main .....Bell-Olive 1617 Kinloch-Central 4405
See our Catalog Space, page 968

Hoisting Engines.
Helt J P, 3840 Market.....Lindell 3570

Hoists, Pneumatic.
Curtis Pneumatic Machinery Co, 1506 Locust av .....Cabany 6180

Hotel Ranges.
Majestic Mfg Co, 2018 Morgan.....Bomont 218

Ice Cream Cabinets.
Nelson C Mfg Co, 2317 Division.....Bell-Bomont 1060 Kinloch-Central 6820

Ice & Refrigerating Machinery.
Ruemmeli-Dawley Mfg Co The, 3900 Chouteau av .....Grand 2346

Indirect (Semi) Lighting Fixtures, for all purposes.
Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

Industrial Sites.
St Louis Chamber of Commerce, 510 Locust .....Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

Inks, Marking & Stenciling.
Diagraph Stencil Machine Corp, 902 Clinton .....Tyler 2798
See our Catalog Space, page 1010
Garvey Fountain Brush & Ink Co, 7th and Howard .....Tyler 365

Inspection Bureaus.
Hunt Robert W & Co, Syndicate Trust bldg.Olive 1884

Inventions Developed.
Fisher Adam Mfg Co, Railway Exch.....Olive 4236

Investment Securities.
Edwards A G & Sons, 412 Olive.....Main 3380

Iron & Steel (Bars).
American Car & Foundry Co, 915 Olive.....Olive 2600

Ivory Substitutes.
Arlington Company (Ivory Py-ra-lin), 505 N 7th.....Olive 1054

Labels.
Colorprint Label Co, 115-125 S 8th.....Olive 4572
Kirby-Cogeshall Co, Victoria bldg.....Olive 854

Labels (Leather for Law Books).
Becktold Printing & Book Mfg Co, 200-212 Pine .....Bell-Main 36 Kinloch-Central 2578

Labels, Druggist.
Missouri Box & Label Co, Main and Market .....Bell-Olive 4089 Kinloch-Central 1332

Labels—Gummed & Stickers.
St Louis Sticker Co, 105 Pine .....Bell-Olive 1492 Kinloch-Central 4210

Ladders (Rolling Step-Ladders) All Kinds.
Milbradt Mfg Co, 2410 N 10th.....Tyler 2072

Lamp Black & Blacks of all Varieties.
Martin L Co The (A K Prince), Security bldg.Olive 5222

Laundry Washing Tablets.
Staufer Laundry Supply Co, 2628 University .....Tyler 2582

Lawn Canopies and Beach Umbrellas.
Zittlosen Manufacturing Co, Park and Dolman Dept D.....Sidney 3700

Lawyers.
Snowden & Snowden (Specialists in Collections and Adjustments. Letters answered. Remittances made day received. Depositions taken intelligently Thoroughly organized, Competent Assistants), Railway Exch bldg.....Olive 2408

Leather Belting.
Alexander Bros Leather Belting (Day Rubber Co), 415 N 4th.....Main 3608

Leather Straps & Leather Specialties.
Ulbricht J C Mfg Co, 307 S Second .....Bell-Olive 3631 Kinloch-Central 5619-R

Leather, Substitutes, Imitation, Artificial.
Endura Mfg Co (Niedringhaus & Koeneke), 108 S Main.....Main 565

Leather Washers, all kinds.
Ulbricht J C Mfg Co, 307 S Second.....Bell-Olive 3631 Kinloch-Central 5619-R

Lighting.
National X-Ray Reflector Co (F E Louderbach, Resident Engineer), 917 Pine .....Bell-Olive 2492 Kinloch-Central 629

Lighting Fixture Mnfrs., (all Kinds).
Luminous Unit Co (Brascolite), 2615 Washington av.....Bell-Bomont 3200 Kinloch-Central 1980
See our Catalog Space, page 968
St Louis Brass Mfg Co, 2615 Washington av .....Bell-Bomont 3200 Kinloch-Central 1980
See our Catalog Space, page 968

Lighting Fixtures, Electric.
Luminous Unit Co, 2615 Washington av .....Bell-Bomont 3200 Kinloch-Central 1980
See our Catalog Space, page 968

Lighting Fixtures, Electric, for all Purposes.
Brascolite (Commercial Electrical Supply Co, Distributors), ne cor 15th and Pine. .....Bell-Main 1292 Kinloch-Central 3835
See our Catalog Space, page 968
Brascolite (Wesco Supply Co, Distributors), Seventh and Clark av.....Main 3230
See our Catalog Space, page 968

Lighting Fixtures, for all purposes.
Reflectolyte Company The, 914 Pine.....Main 4100
See our Catalog Space, page 969

Lightning Conductors, Mfrs. and Constructors.
Bajohr Carl Lightning Conductor Co The, 4051 Keokuk .....Sidney 661

Lists—Mail Advertising and Purchasing.
Ross-Gould List and Letter Co, 1037-D Olive .....Olive 3602

Lockers, Steel.
Medart Fred Mfg Co, Potomac and De Kalb .....Sidney 4315

Locomotives, Electric.
Mancha Storage Battery Locomotive Co, 1911 S Kingshighway.....Grand 5657

Loose Leaf Binders.
Becktold Printing & Book Mfg Co, 200-212 Pine .....Bell-Main 36 Kinloch-Central 2578

Loose Leaf Binders "From Mfr. Direct to Consumer."
National Binder Co, 1302 Olive.....Bell-Olive 791 Kinloch-Central 1967

Loose Leaf Devices.
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

Lubricating Oils, Greases & Boiler Compounds.
O'Brien-Northrop Oil & Chem Co, 308 N Commercial .....Bell-Main 15 Kinloch-Central 929

Machinery "Any Kind of Mchry Made."
Victor Machine Wks, 1511 N Broadway....Tyler 151

Machinery, Metal Working.
Ryerson Joseph T & Son, 2208 N Bell-Tyler 2500
2d .....Kinloch-Central 3645

Machinery, Special Die & Tool Mnfrs.
Ideal Machine & Tool Works, 22 S Bway....Olive 5655

Magnetos & Ignition Supplies.
Ford Magneto Co, 2611 Locust.....Bomont 65

Mail Boxes (R. F. D.)
Medart Fred Mfg Co, Potomac and DeKalb.Sidney 4315

Mailing Cases.
St Louis Paper Can & Tube Co, 4400 N
Union av .....Colfax 160
See our Catalog Space, page 928

Mailing Lists.
Ross-Gould List and Letter Co, 1037-D
Olive .....Olive 3602

Mailing Tubes.
St Louis Paper Can & Tube Co, 4400 N
Union av .....Colfax 160
See our Catalog Space, page 928

Mantels, Wood and Tile.
Hornet Mantel Co, 1115 Market.....Main 2201

Mauls, Post.
Western Foundry & Sash Weight Co, Bell-Main 2654
Second and Miller.....Kinloch-Central 2221

Metals, Babbitt.
Gilbert A & Sons Brass Foundry Co,
4019 Forest Park bl.....Lindell 2535

Metals, Pig Lead, Spelter, Pig Tin & Antimony.
Hiertz Theo Metal Co, 8009 Alaska Bell-Riverside 134
av ..... Kinloch-Laclede 17

Mineral Waters.
Manitou Mineral Water Company The,
(Walter Hemsley, Rep), 403 N Bell-Olive 904
3d .....Kinloch-Central 1627
See our Adv. on Backbone and Catalog Space, page 980

Motor Trucks.
Autocar Sales & Service Co The (Steele
Morgan Motor Car Co) 16 N Euclid av.Forest 738

Mould Mfrs. Solder, Babbitt, Etc.
Schweizer Chas K Co, 214 Vine.....Main 4896

Moving, Packing, Shipping & Storage of Household Goods.
Orcutt Storage Co The, 4729 Easton av....Forest 2648
See our Catalog Space, page 1011

Music Printers.
Stark Music Printing & Publishing Co,
3804 Laclede av.....Lindell 4679

Name Plates—Embossed. Plated & Enamel Finish.
Stanley Manufacturing Co The (A C Rohman,
Agt), Granite bldg.....Main 598

Natural Water.
Manitou Mineral Water Company The,
(Walter Hemsley, Rep), 403 N Bell-Olive 904
3d .....Kinloch-Central 1627
See our Adv. on Backbone and Catalog Space, page 980

Nettings, Locomotive Stack, Poultry.
Ludlow-Saylor Wire Co The, 634 S New-
stead av .....Lindell 637

Non-Intoxicating Beverages.
Manitou Mineral Water Company The,
(Walter Hemsley, Rep), 403 N Bell-Olive 904
3d .....Kinloch-Central 1627
See our Adv. on Backbone and Catalog Space, page 980

Office Equipment.
Monroe Calculating Machine Co, Syndicate
Trust bldg .....Olive 107
See our Catalog Space, page 905

Oils.
Anderson & Gustafson, Railway Exchange...Olive 5296

Organ Builders.
Estey Organ Company, 3232A Michigan av.Sidney 1972

Ornamental Iron & Bronze Work.
Lasar Mfg Co, 1314 N 16th.....Tyler 118

Ornamental Iron & Wire.
Usona Mfg Co, 822 S 18th.....Olive 3433

Ornamental Iron & Wire Work.
Lasar Mfg Co, 1314 N 16th.....Tyler 118
Ludlow-Saylor Wire Co The, 634 S New-
stead av .....Lindell 637

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, 1005 Pine.....Olive 883
See our Catalog Space, page 1023

Oxy-Acetylene Welding & Cutting Apparatus.
Modern Engineering Co, 23d and Bell-Bomont 990
Walnut .....Kinloch-Central 603

Packers, Shippers, Movers & Storage of Household Goods.
Orcutt Storage Co The, 4729 Easton av...Forest 2648
See our Catalog Space, page 1011

Panel Boards.
Wurdack Wm El Mfg Co, 23 S 11th...Bell-Olive 3457
.....Kinloch-Central 3976

Paper Bag Mnfrs.
Advance Bag Co The (H J Cole & Company)
Wright bldg .....Olive 2620

Paper Box Mnfrs.
Holman Paper Box Co, 316-318 Clark av....Main 2148

Paper Box Mnfrs. All Kinds, Fancy & Holiday.
All Paper Box Co, 123 S 8th.....Bell-Olive 3119
.....Kinloch-Central 4447

Paper Box Mnfrs. Small Set-up Specialties.
Engel Paper Box Specialty Co, Bell-Bomont 1370
1906 Pine .....Kinloch-Central 1470

Paper Boxes, Corrugated and Fibre.
Mid-West Box Co, Continental Bank bldg...Olive 1659
See our Catalog Space, page 926

Paper Boxes & Filing Boxes.
Advance Paper Box Co, 21st and Bell-Bomont 2140
Pine .....Kinloch-Central 2859

Paper Boxes, Folding.
Chicago Carton Company (Julian Bell-Olive 4921
Maas, Repr) Chemical bldg...Kinloch-Central 1521
See our Catalog Space, page 989

Paper Boxes Folding, Paraffined & Plain.
Doane Carton Co, 912-22 North Market....Tyler 120

Paper Dealers.
Bermingham & Seaman Co, 406- Bell-Olive 4925
410 S 4th.....Kinloch-Central 6488
See our Catalog Space, page 990
Seaman Paper Co, 406-410 S Bell-Olive 4925
4th .....Kinloch-Central 6488
See our Catalog Space, page 990

Paper Mnfrs.
La Monte George & Son, 3d National Bank
bldg .....Olive 189

Paper Stencil Plain & Oiled.
Diagraph Stencil Machine Corp, 902 Clinton.Tyler 2798
See our Catalog Space, page 1010

Parcel Post and Express Carriers.
Chicago Carton Company (Julian Bell-Olive 4921
Maas, Repr) Chemical bldg...Kinloch-Central 1521
See our Catalog Space, page 989

Patent Attorneys.
Higdon & Higdon, Central National Bell-Main 1806
Bank bldg .....Kinloch-Central 748
Small & Small, Federal Bank bldg, Broadway
and Pine .....Olive 1788

Patent & Trade Mark Lawyers.
Longan E E, Central Nat'l Bank bldg.....Olive 5102

Pattern Makers.
Western Pattern & Model Works, Bell-Olive 5794
1312 S Seventh.....Kinloch-Central 5751

Patterns (Wood & Metal).
Remmers Pattern Co, 919 Benton.....Tyler 981

Pencils, Mnfrs., Advertising.
Standard Pencil Co (Only factory west of New
York of advertising or Commercial Pencils,
Write for Samples prices) Bell-Bomont 62
1822 Locust .....Kinloch-Central 3670

Pharmaceutical Tablet Mnfrs.
Rex Tablet Co, 523 Spruce Bell-Main 1508
.....Kinloch-Central 3692-R

Pig Iron.
Addy Matthew Company The, 3d Nat'l
Bank bldg .....Main 2750

Pipe (All Sizes, New & Second Hand).
Greenspon's Jos Sons Iron & Steel Co,
Second and Branch.....Tyler 236

Pipe (Cast Iron, B & S Flange Flexible Joint).
United States Cast Iron Pipe & Foundry
Co, 319 N 4th st.....Olive 549

Pipe (Cast Iron, Flange).
American Car & Foundry Co, 915 Olive....Olive 2600

Pipe (Wrought Iron and Steel).
Spang, Chalfant & Co Inc, Boatmen's Bank
bldg .....Olive 3340

Platers—Electro.
Rick-Felton Plating & Mfg Co, 4219 Bell-Lindell 1498
Olive .....Kinloch-Central 1347

Playground Apparatus.
Medart Fred Mfg Co, Potomac and DeKalb.Sidney 4315

Plumbing and Drainage.
Sheehan Thos J Co, 1428 Olive Bell-Main 2109
.....Kinloch-Central 6199-R

Plumbing & Heating.
Clancy Wm M Plumbing & Heating Co,
5072 Delmar av .....Forest 6070

Poles, (Wood).
Chapin E T Co., Railway Exchange bldg....Olive 1832

Polish Mnfrs, Auto, Metal, Stove.
Electric Shine Polish Wks (Jobbers Bell-Tyler 702-W
in Specialties) 3020 Carter av.Kinloch-Central 9657-L

ST. LOUIS—continued

Portable Buildings, Every Description.
Miller Mfg Co, 8000 Alabama av.....Riverside 28
Miller-Wiese Construction Co, Gravois and Meramac .....Sidney 2462

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, Wright bldg .....Main 3545

Power Transmission.
Morse Chain Co, Chemical bldg.....Olive 423

Press Clippings.
St Louis Press Clipping Co, 701-8 Navarre bldg .....Bell-Main 94 Kinloch-Central-2106

Printers.
Becktold Printing & Book Mfg Co, 200-212 Pine .....Bell-Main 36 Kinloch-Central 2578
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

Printers & Publishers.
Nixon-Jones Printing Co, 215 Pine .....Bell-Main 297 Kinloch-Central 825

Printers, Railway & Commercial.
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

Printing Machinery, Type and Supplies.
American Type Founders Co, 9th and Walnut .....Main 2059
See our Catalog Space, page 1019

Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) 211 N 7th.....Olive 2330

Pulley Covering with Heavy Cotton Carpet.
Eclipse Pulley Covering Co The, Pontiac bldg .....Olive 3326

Pulleys, Clutches, Gearing, Line Shafting Equipment.
Medart Patent Pulley Co, Potomac and DeKalb .....Sidney 875

Radiator Shields.
Kaufman Products Corp (Metal, Marble and Glass, also Flat Tops, All Real Radiator Shields), 4029 Forest Park bl.....Lindell 4450

Railroad Printers.
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

Railroad Traffic Printers.
Curran Con P Printing Co, 8th and Walnut .....Bell-Main 5191 Kinloch-Central 991

Raincoat Mnfrs. Mens, Ladies, Misses & Boys.
Western American Rubber Co, 701-3 Lucas av .....Olive 1295

Ranges, Family & Hotel.
Majestic Mfg Co, 2018 Morgan.....Bomont 218

Reflectors.
National X Ray Reflector Co (F E Lauderbach, President Engineer) 917 Pine .....Bell-Olive 2492 Kinloch-Central 629

Relaying Rails.
Greenspon's Jos Sons Iron & Steel Co, Second and Branch.....Tyler 236

Riddles, Coal or Sand.
Ludlow-Saylor Wire Co The, 634 S Newstead av .....Lindell 637

Roofing Slate.
Williams Jas E, 1548 S Vandeventer av .....Bell-Grand 4454 Kinloch-Victor 129

Roofing Tile.
Ludowici-Celadon Company, Pierce bldg....Olive 1532

Saddlery.
Ulbricht J C Mfg Co, 307 S Second .....Bell-Olive 3631 Kinloch-Central 5619-R

Safes.
Baum J Safe & Lock Co The (Kirkpatrick Bros), 1116 Washington av.....Olive 1968

Safety Paper.
LaMonte George & Son, 3d National Bank bldg .....Olive 189

Sand Blasting.
National Sand Blast & Tuckpointing Co, 1118 Locust .....Bell-Olive 3416 Kin-Central 2998

Sand Paper, Emery Cloth and Garnet Paper.
United States Sand Paper Co (Thompson, Munro & Robins, Reprs) Wright bldg..Olive 819

Sash & Door Mfgrs.
Gravois Planing Mill Co, Gravois and Juniata .....Bell-Sidney 107 Kinloch-Victor 1147
Thomsen Planing Mill Co (Also Greenhouse Material) 4500 De Tonty .....Bell-Grand 193 Kinloch-Victor 127

Sash Operators, Locks and Casement Stays.
Monarch Metal Weather Strip Co The, 4121 Forest Park bl.....Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023

Sash Weights.
Lister Sash Weight Co, Dock and Burlington Tracks.....Tyler 1044

Saws, Circular & Long Crosscut.
Curtis Pneumatic Machinery Co, 1506 Kienlen av .....Cabany 6180

Saws and Saw Tools of all Kinds.
Heimbuecher Jno H Metals Co (Atkins Saws), 514 N Third.....Bell-Main 1037 Kinloch-Central 2382

Scrap Iron.
Greenspon's Jos Sons Iron & Steel Co, Second and Branch .....Tyler 236

Screen Cloth Mfgrs., All Makes.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Screens, Cement, Coal, Gravel Jigs, Milling, Mining, Sand.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Seals & Seal Presses, Lead Seals, All Kinds.
Hiertz Theo Metal Co, 8009 Alaska av .....Bell-Riverside 134 Kinloch-Laclede 17

Sewer Pipe, Fittings, up to 36" Segment Blocks 40" up.
Laclede-Christy Clay Products Co, Railway Exchange bldg .....Olive 6800
See our Catalog Space, page 965

Sheet Metal Workers.
Harsch Fred Sheet Metal Wks, 1922 Olive..Bomont 2095

Sheetings—Transparent and Colored.
Arlington Company (Py-ra-lin), 505 N 7th.Olive 1054

Shipbuilders—Barges, Scows, Floats.
American Car & Foundry Co, 915 Olive....Olive 2600

Shipping Guide.
Shippers Guide Co The, Benoist bldg.....Main 1402

Shipping, Packing, Moving & Storage of Household Goods.
Orcutt Storage Co The, 4729 Easton av....Forest 2648
See our Catalog Space, page 1011

Shoe Manufacturing Sites.
St Louis Chamber of Commerce, 510 Locust .....Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

Signs, Enamel Steel & Iron.
Missouri Enameling & Mfg Co, 2244 Dickson .....Tyler 922

Signs, Mnfrs. Metal, Flange, Muslin, Fibre, Cardboard.
Stout Sign Co, 2533 Sullivan av.....Tyler 495

Signs, Steel & Wood, Paint Printed, Wooden Frames.
Nager Press Sign Co (12"x36" to 72"x144" quantities only) 500 S Main.....Olive 2390

Slate for Roofing.
Williams Jas E, 1548 S Vandeventer av.....Bell-Grand 4454 Kinloch-Victor 129

Solder, Bar & Wire.
Hiertz Theo Metal Co, 8009 Alaska av .....Bell-Riverside 134 Kinloch-Laclede 17

Spool Silk, All Mfg. Trades.
Holland Mfg Co (Hayne-Surridge D G Com Co Agt), 1017 Lucas av.....Main 879

Spring Water.
Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d .....Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

Stamps, Rubber and Steel.
Kasper Stamp & Seal Co, 822 Locust..Bell-Main 638 Kinloch-Central 3017

Steel, Bolts, Bars, Nuts, Sheets, Screws, Shafting, Etc.
Heimbuecher Jno H Metals Co, 514 N Third .....Bell-Main 1037 Kinloch-Central 2382

Steel and Iron.
Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500 Kinloch-Central 3645

Steel, Iron, Smelting, Rolling & Fabricating Sites.
St Louis Chamber of Commerce, 510 Locust .....Bell-Main 4620 Kinloch-Central 7565
See our Catalog Space, page 902

Steel Plate Work.
Petroleum Iron Works Company of Ohio The, Third Nat Bank bldg.....Olive 3464

Steel Plates and Sheets.
Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500 Kinloch-Central 3645

Steel Reinforcing Bars.
Laclede Steel Co, Federal Reserve Bank bldg.....Olive 3915
Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500 Kinloch-Central 3645

Steel, Structural.
Ryerson Joseph T & Son, 2208 N 2d .....Bell-Tyler 2500 Kinloch-Central 3645

Stencil Cutting Machines.
Bradley Stencil Machine Co, 3745-3751 Forest Park bl.....Lindell 4920
Diagraph Stencil Machine Corp, 902 Clinton. Tyler 2798
See our Catalog Space, page 1010

Stencil & Marking Inks.
Diagraph Stencil Machine Corp, 902 Clinton.....Tyler 2798
See our Catalog Space, page 1010
Garvey Fountain Brush & Ink Co, 7th and Howard.....Tyler 365

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corp, 902 Clinton.....Tyler 2798
See our Catalog Space, page 1010

Stencil Paper, Plain & Oiled.
Bradley Stencil Machine Co, 3745-3751 Forest Park bl.....Lindell 4920

Stencils, Badges and Seals.
Kasper Stamp & Seal Co, 822 Locust.....Bell-Main 638 Kinloch-Central 3017

Stokers.
Green Engineering Co, Railway Exchange bldg.....Olive 4463

Stokers—Mechanical, Chain Grate, Automatic.
Laclede-Christy Clay Products Co, Railway Exchange bldg.....Olive 6800
See our Catalog Space, page 955

Storage Batteries Manufacturers.
Sterling Storage Battery Mfg Co, 1124 Chestnut.....Kinloch-Central 2565-R

Storage, Shipping, Packing & Moving of Household Goods.
Orcutt Storage Co The, 4729 Easton av...Forest 2648
See our Catalog Space, page 1011

Store Fixtures, Refrigerators & Trucks.
Standard Scale & Fixture Co, 217 Locust.....Bell-Main 2177 Kinloch-Central 5767

Structural Steel.
American Bridge Company, Third National Bank bldg.....Olive 4030

Surety Bonds.
National Surety Company (Leslie J Nichols, General Agent for Eastern Mo and So Ills), Pierce bldg.....Olive 1026

Switch Boards.
Wurdack Wm El Mfg Co, 23 S 11th.....Bell-Olive 3457 Kinloch-Central 3976

Tablets, Medicinal.
Rex Tablet Co, 528 Spruce.....Bell-Main 1608 .....Kinloch-Central 3692-R

Tank Blocks, Refractory Blks, Pots for Glass Houses.
Laclede-Christy Clay Products Co, Railway Exchange bldg.....Olive 6800
See our Catalog Space, page 955

Tank Cars—Built, Rebuilt and Repaired.
Pennsylvania Tank Car Co, Third National Bank bldg.....Olive 3464

Tank Cars, Leased.
Pennsylvania Tank Line, Third National Bank bldg.....Olive 3464

Tanks, Second Hand, Storage & Pressure.
Greenspon's Jos Sons Iron & Steel Co, Second and Branch.....Tyler 236

Tanks, Steel.
Petroleum Iron Works Company of Ohio The, Third National Bank bldg.....Olive 3464

Tanks to Order, Every Description.
Ruemmeli-Dawley Mfg Co The, 3900 Chouteau av.....Grand 2346

Tarpaulins.
Zittlosen Manufacturing Co, Park and Dolman, Dept D.....Bell-Sidney 3700

Telephones, Interior (Factories Apartment Bldgs.)
Connecticut Telephone & Electric Co (F C Picker), Wright bldg..Bell-Olive 3476 Kinloch-Central 6233

Tents.
Zittlosen Manufacturing Co, Park and Dolman, Dept D.....Bell-Sidney 3700

Terra Cotta, Architectural.
Winkle Terra Cotta Co The Century bldg.....Bell-Main 1894 Kinloch-Central 3038

Testing Laboratories.
Hunt Robert W & Co, Syndicate Trust bldg..Olive 1884

Tiles for Walls and Floors.
Hornet Mantel Co, 1115 Market st Bell-Main 2201

Tiles, Roofing.
Ludowici-Celadon Company, Pierce bldg....Olive 1532

Toilet Articles and Sets.
Arlington Company, 505 N 7th.....Olive 1054

Tools, Stamping.
Ideal Machine & Tool Works, 22 S Broadway.Olive 5655

Toys, Mnfrs.
Richardson Specialty Mfg Co, 1714-16 N Broadway.....Tyler 2406

Transom Operators & Stays.
Monarch Metal Weather Strip Co The, 4121 Forest Park bl.....Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023

Traps, Fly.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Treads, Mason Safety.
Ryerson Joseph T & Son, 2208 N 2d.....Bell-Tyler 2500 Kinloch-Central 3645

Trolleys, Single I Beam.
Curtis Pneumatic Machinery Co, 1506 Kienlen av.....Cabany 6180

Trucks, Elevating.
Lewis-Shepard Company (Jas O Coleman), 4021a Shaw av.....Grand 4716-J

Tubular Goods, Oil Country, Iron & Steel.
Spang, Chalfant & Co Inc, Boatmen's Bank bldg.....Olive 3340

Type Founders, Printers' Machinery & Supplies.
American Type Founders Co, 9th and Walnut.Main 2059
See our Catalog Space, page 1019

Type Foundries, Brass.
Missouri Brass Type Foundry Co, 1621 N 22d.....Kinloch-Central 6217-R

Type Metals.
Hoyt Metal Co, Boatmen's Bank bldg..Bell-Main 5150

Type Metals, Stereo, Lino, Mono, Electro.
Hiertz Theo Metal Co, 8009 Alaska av.....Bell-Riverside 134 Kinloch-Laclede 17

Typewriters—Portable.
Corona Typewriter Company Inc, 408 W 7th.Olive 3505

Umbrellas, Wagon, Plain and Advertising.
Zittlosen Manufacturing Co, Park and Dolman, Dept D.....Bell-Sidney 3700

Varnish Mnfrs.
Robbins A Varnish Co, 1531-39 N 8th.....Bell-Tyler 246 Kinloch-Central 2734

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, Syndicate Trust bldg.....Olive 1515

Wagon Umbrellas (Plain and Advertising).
Zittlosen Manufacturing Co, Park and Dolman, Dept D.....Bell-Sidney 3700

Washers, Cast Iron.
Western Foundry & Sash Weight Co, Second and Miller.....Bell-Main 2654 Kinloch-Central 2221

Waste-Cotton, Wool and Packing.
Royal Manufacturing Co (S U Busch, Rep), Pontiac bldg.....Olive 3971

Waste Paper.
Missouri Paper Stock Co, 22d and Scott..Bomont 3206

Water, Medicinal and Mineral.
Manitou Mineral Water Company The (Walter Hemsley, Rep), 403 N 3d.....Bell-Olive 904 Kinloch-Central 1627
See our Adv. on Backbone & Catalog Space, page 980

Water Supply Systems.
Standard Sanitary Mfg Co (Leader Iron Wks), 810 N Second.....Main 300

Water Supply Systms (Pneumatic) for Country Homes.
Southern Auto & Machinery Co, 126 Robert av.....Bell-Riverside 610

Wax Engravers.
Morgan Engraving Co, 411 Olive.....Olive 3758

Weather Strips.
Kuhlmann Metal Weather Strip Co, 3828 Olive.....Bell-Lindell 6118 Kinloch-Delmar 204
Monarch Metal Weather Strip Co The, 4121 Forest Park bl....Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co, (Kuhlmann Metal Weather Strip Co) 3828 Olive.....Lindell 6118
Vortex Mfg Co, 3828 Olive.....Bell-Lindell 6118 Kinloch-Delmar 204

Weights, Sash.
Western Foundry & Sash Weight Co, Second and Miller.....Bell-Main 2654 Kinloch-Central 2221

Welders—Oxy-Acetylene & Cutting.
American Welding Co, 23d and Olive.....Bell-Bomont 1895 Kinloch-Central 5201

Welding Apparatus.
Davis-Bournonville Co, [illegible].....Olive 883
See our Catalog Space, page 1023

Wheels—Car (Freight, Passenger, Street).
American Car & Foundry Co, 915 Olive....Olive 2600

Windows, Casement & Pivot, Operators & Stays.
Monarch Metal Weather Strip Co The, 4121 Forest Park bl.....Bell-Lindell 5420 Kinloch-Delmar 485
See our Catalog Space, page 1023

ST. LOUIS—continued

Wire Cloth, Cement, Hdwre. Locomotve, Ming, Rice Screen
Ludlow-Saylor Wire Co, The, 634 S Newstead av.....Lindell 637

Wire Cloth Mfgrs., Brass, Bronze, Copper & Steel.
Ludlow-Saylor Wire Co, 634 S Newstead av.Lindell 637

Wire Guards, Railings, Elevator Enclosures, etc.
Lasar Mfg Co, 1314 N 16th.....Tyler 118

Wire Guards, Railings, Inclosures, Partitions, etc.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Wire Insulated.
Illinois Wire & Cable Co, 915 Olive.....Olive 368

Wire & Iron Work.
Lasar Mfg Co, 1314 N 16th.....Tyler 118

Wire Manufacturers.
American Steel & Wire Co, 3d National Bank bldg .....Main 1945

Wire Signs.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Wire Window Guards.
Ludlow-Saylor Wire Co The, 634 S Newstead av.....Lindell 637

Wire Work and Ornamental Iron Works.
Usona Mfg Co, 822 S 18th.....Olive 3433

Wools, Hides and Furs.
Parker & Block, 4 and 6 S Main Bell-Olive 1617
.....Kinloch-Central 4405
See our Catalog Space, page 958

Zinc Sheets & Zinc Products for all Purposes.
Heimbuecher Jno H Metals Co, 514 N Third Bell-Main 1037
.....Kinloch-Central 2382

SEDALIA

Packers.
Sedalia Farmers Co-Operative Packing & Produce Co, 700 W Main.....Sedalia 468

SPRINGFIELD

Collecting Agencies.
United Mercantile Agencies Inc (All Classes of mercantile collections. American Law League rates) Woodruff bldg.....Springfield 1789

School, Church and Operahouse Seat Mfgrs.
Moore Mfg Co, 605 E Phelps.....Springfield 2129

WASHINGTON

Pipes, Manufacturers, Corn-Cob.
Hirschl & Bendheim.....Washington 195

WEBB CITY

Machinery, Mining, for Rent & Sale.
Smith Machinery Co, 303 N Allen....Webb City 630

Mining Machinery for Rent & Sale.
Smith Machinery Co, 303 N Allen....Webb City 630

MONTANA

MONTANA

Land area	146,201
Water area	796
Population (Estimated)	466,214
White	360,580
Negro	1,834
All others	13,639
Foreign-born white (U. S. Census 1910)	91,644
Native white	268,936
Male	226,872
Female	149,181

INDEX TO PRINCIPAL CITIES
(See map, opposite page)

Population—Thousands

11	Anaconda	G	7
1	Belt	E	12
1	Bigtimber	H	14
14	Billings	H	17
5	Bozeman	H	11
43	Butte	H	8
3	Deer Lodge	G	8
2	Dillon	I	8
1	Forsyth	G	20
1	Fort Benton	D	13
1	Glasgow	C	20
2	Glendive	E	24
14	Great Falls	E	10
2	Hamilton	G	6
4	Havre	C	14
14	Helena	F	10
6	Kalispell	C	4
3	Lewistown	F	15
5	Livingston	I	13
1	Marysville	F	9
5	Miles City	G	22
18	Missoula	F	6
1	Philipsburg	G	6
5	Red Lodge	I	14
2	Roundup	G	16
1	Sandcoulee	E	11
2	Walkerville	H	8
1	Whitefish	C	4

Population—Hundreds

3	Armstead	J	8
4	Augusta	E	8
4	Bainville	C	25
4	Baker	G	25
6	Basin	G	9
3	Bearcreek	J	15
3	Belfry	J	16
6	Belgrade	H	11
3	Bigfork	D	6
3	Bonner	F	6
9	Boulder	G	9
5	Bridger	I	16
4	Broadview	H	15
6	Cascade	E	10
9	Chester	C	12
8	Chinook	B	15
7	Choteau	D	9
3	Clancey	G	10
7	Clinton	F	6
4	Clydepark	H	12
3	Coalville	G	6
3	Collins	D	10
6	Columbia Falls	C	6
5	Columbus	H	15
9	Conrad	C	10
5	Culbertson	C	25
5	Cut Bank	B	9
4	Darby	H	5
3	Dodson	C	17
4	Drummond	F	8
3	Dunkirk	C	10
3	Dupuyer	C	9
3	Dutton	D	10
8	East Helena	G	10
3	Ekalaka	H	25
6	Eureka	B	4
5	Fromberg	I	16
5	Galata	C	11
6	Gardiner	J	12
4	Gildford	B	13
7	Hardin	H	19
4	Harlem	C	16
8	Harlowton	G	14
4	Hays	D	16
3	Hedgesville	G	15
3	Hingham	B	13
3	Hinsdale	C	20
6	Hobson	F	14
4	Huntley	H	17
3	Iron Mountain	E	3
4	Ismay	F	24
4	Joliet	J	15
3	Joplin	C	12
6	Judith Gap	F	14
5	Kendall	E	15
8	Laurel	I	16
6	Libby	C	2
3	Lima	J	8
3	Logan	H	11
4	Malta	C	18
6	Manhattan	H	11
5	Mondak	D	25
6	Moore	F	14
3	Neihart	F	12
3	Park City	H	16
5	Plains	E	4
3	Plentywood	B	25
7	Polson	D	5
4	Pony	H	10
3	Ringling	G	12
4	Saco	C	19
3	Saltese	E	3
4	Shelby	C	10
4	Sheridan	I	9
3	Sidney	D	25
3	Somers	C	5
3	St. Peter	E	9
5	Stanford	E	13
8	Stevensville	G	5
5	Stockett	E	11
3	Sun River	E	10
6	Terry	F	23
5	Thompson Falls	D	2
7	Three Forks	H	10
8	Townsend	G	11
5	Twin Bridges	I	9
8	Valier	C	9
4	Victor	G	5
5	Virginia City	I	9
4	Whitehall	H	9
4	White Sulphur Springs	G	12
5	Wibaux	F	25
3	Zortman	D	17

BUTTE

Belting.
Alexander Bros Leather Belting (Montana Hardware Co) Penn blk.....Butte 514

Electric Lighting Fixtures, for all Purposes.
Brascolite (The Montana Electric Co, Distributors), 50-52 E Broadway.....Butte 15
See our Catalog Space, page 968

Leather Belting.
Alexander Bros Leather Belting (Montana Hardware Co) Penn blk.....Butte 514

Lighting Fixtures, for all Purposes.
Brascolite (The Montana Electric Co, Distributors), 50-52 E Broadway.....Butte 15
See our Catalog Space, page 968

GREAT FALLS

Architects & Engineer, Reinforced Concrete Constrn.
Schuppert R C, Stanton Bank bldg....Great Falls 356

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The (E H Carr & Co, Agts), Ford bldg .....Great Falls 9699

Safes.
Baum J Safe & Lock Co The (Sturm & Yaw), First Nat Bank bldg.....Great Falls 9459

HELENA

Bonds, Guarantee.
National Surety Company (Robert S King, Mgr) National Bank of Montana bldg..Helena 580

Bonds, Surety.
National Surety Company (Robert S King, Mgr) National Bank of Montana bldg..Helena 580

Burglary Insurance.
National Surety Company (Robert S King, Mgr) National Bank of Montana bldg..Helena 580

Drills, Diamond & Used Machinery of all Kinds.
Helena Machinery & Junk Co, 1530 National av .....Helena 551

Surety Bonds.
National Surety Company (Robert S King, Mgr) National Bank of Montana bldg..Helena 580

LEWISTOWN

Autographic Registers & Roll Printers.
Egry Register Co The (R H Atkinson, Mgr) Montana bldg.....Lewistown 184

MONTANA
SCALE
Statute Miles, 60 = 1 Inch.
DOMINION OF CANADA
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
IDAHO
WYOMING
YELLOWSTONE NATIONAL PARK
YELLOWSTONE NATIONAL FOREST
GLACIER NATIONAL PARK
BLACKFEET IND. RES.
FORT BELKNAP IND. RES.
FORT PECK IND. RES.
CROW IND. RES.
NORTHERN CHEYENNE IND. RES.
BIG HORN NAT. FOREST
BITTER ROOT NAT. FOREST
BIG HOLE NAT. FOREST
LEWIS AND CLARK NATIONAL FOREST
LITTLE BELT NAT. FOREST
Great Falls
Helena
Butte
Missoula
Billings
Miles City
Livingston
Bozeman
Fort Benton
Lewistown
Havre
Glasgow
Plentywood
Sidney
Baker
Ekalaka
Hardin
Cody
Dillon
Virginia City
Philipsburg
Hamilton
Deer Lodge
Red Lodge
Roundup
Harlowton
White Sulphur Springs
Choteau
Conrad
Shelby
Cut Bank
Kalispell
Polson
Thompson Falls
Libby
Troy
Yellowstone Lake
Cathedral Peak
Mt. Holmes
Mt. Washburn
Electric Pk.
Baronette Pk.
Abiathar Pk.
The Thunderer
Mt. Sheridan
Mt. Doane
Mt. Douglas
Mt. Haynes
Mt. Gerard
Mt. Hancock
Mt. Jackson
Mt. Sheridan
Mt. Ghent
Mt. Moran
Mt. Leidy
Mt. Stellman
Mt. Wallace
Mt. Ashley

NEBRASKA
SCALE
Statute Miles, 45=1 Inch.
Rand McNally's New 11 x 14 Map of Nebraska.
Copyright by Rand McNally & Co.
Longitude West from Greenwich.
BLACK HILLS
FALL RIVER
WASHINGTON
SHANNON
IND. RES.
WASHASAUGH
MELLETTE
TRIPP
BENNETT
TODD
CHARLES MIX
BON HOMME
YANKTON
KEYAPAHA
BOYD
KNOX
CEDAR
DIXON
DAKOTA
WAYNE
THURSTON
PLYMOUTH
SIOUX
DAWES
BOX BUTTE
CHERRY
BROWN
ROCK
HOLT
ANTELOPE
PIERCE
CUMING
BURT
DAKOTA
WOODBURY
IDA
MONONA
HARRISON
SCOTTS BLUFF
BANNER
GRANT
HOOKER
THOMAS
BLAINE
GARFIELD
WHEELER
MADISON
STANTON
GARDEN
ARTHUR
McPHERSON
LOGAN
GREELEY
VALLEY
BOONE
PLATTE
COLFAX
DODGE
WASHINGTON
DOUGLAS
SARPY
CHEYENNE
DEUEL
KIMBALL
LINCOLN
PERKINS
SEDGWICK
SHERMAN
HOWARD
NANCE
BUTLER
SAUNDERS
CASS
OTOE
FILLMORE
SALINE
SEWARD
LANCASTER
PHILLIPS
YUMA
CHASE
HAYES
FRONTIER
GOSPER
PHELPS
KEARNEY
ADAMS
CLAY
NUCKOLLS
THAYER
JEFFERSON
GAGE
JOHNSON
NEMAHA
RICHARDSON
DUNDY
HITCHCOCK
REDWILLOW
FURNAS
HARLAN
WEBSTER
FRANKLIN
FILLMORE
SAUNDERS
WASHINGTON
MARSHALL
BROWN
DECATUR
PHILLIPS
JEWELL
REPUBLIC
CHEYENNE
KANSAS
COLORADO
MISSOURI
IOWA
SOUTH DAKOTA

NEBRASKA

NEBRASKA	
Land area	76,808
Water area	712
Population (Estimated)	1,277,750
White	1,180,293
Negro	7,689
All others	4,232
Foreign-born white (U. S. Census 1910)	175,865
Native white	1,004,428
Male	627,782
Female	564,432

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

1	Ainsworth	J	4
2	Albion	M	5
3	Alliance	D	4
1	Alma	K	8
1	Ashland	Q	6
3	Auburn	R	8
3	Aurora	N	7
10	Beatrice	P	8
1	Beaver City	J	8
3	Benson	Q	8
3	Blair	Q	5
1	Bloomfield	N	3
2	Broken Bow	J	6
1	Cambridge	I	8
2	Central City	N	6
3	Chadron	D	3
1	Clay Center	N	8
2	Collegeview	P	7
5	Columbus	O	6
1	Cozad	J	7
1	Crawford	C	3
1	Creighton	N	4
2	Crete	P	7
2	David City	O	6
1	Edgar	N	8
5	Fairbury	O	8
1	Fairfield	M	8
3	Falls City	R	8
2	Florence	R	6
10	Fremont	Q	6
1	Friend	O	7
2	Fullerton	M	6
2	Geneva	N	8
1	Genoa	N	6
2	Gothenburg	I	7
13	Grand Island	M	7
1	Hartington	O	3
1	Harvard	M	7
11	Hastings	M	7
3	Havelock	P	7
2	Hebron	N	8
3	Holdredge	K	8
1	Humboldt	R	8
6	Kearney	L	7
2	Lexington	J	7
47	Lincoln	P	7
1	Loup City	L	6
4	McCook	H	8
2	Madison	N	5
2	Minden	L	8
5	Nebraska City	R	7
2	Neligh	N	4
1	Nelson	M	8
6	Norfolk	O	5
1	North Bend	P	6
5	North Platte	H	6
1	Oakland	Q	5
166	Omaha	Q	6
2	O'Neill	L	4
2	Ord	L	5
1	Osceola	N	6
2	Pawnee City	R	8
1	Peru	R	8
1	Pierce	O	4
4	Plattsmouth	R	7
1	Ponca	P	3
1	Randolph	O	4
1	Ravenna	K	7
2	Red Cloud	M	8
2	Schuyler	P	6
2	Scottsbluff	B	5
2	Seward	P	7
1	Shelton	L	7
1	Sidney	C	6
1	Sioux	Q	4
	South Omaha Pop. incl. in Omaha	R	6
1	St. Paul	M	6
1	Stanton	O	5
1	Stromsburg	N	6
2	Superior	N	8
2	Sutton	N	7
2	Tecumseh	Q	8
2	Tekamah	Q	5
1	Valentine	H	3
2	Wahoo	P	6
2	Wayne	P	4
1	Weeping Water	Q	7
2	Westpoint	P	5
1	Wilber	O	8
1	Wisner	P	5
3	Wymore	P	8
6	York	N	7

Population—Hundreds

9	Arapahoe	J	8
8	Atkinson	K	4
9	Bethany	P	7
9	Burwell	K	5
8	Decatur	Q	5
8	Emerson	P	8
9	Exeter	N	7
9	Fairmount	N	7
9	Franklin	K	8
9	Gordon	E	3
8	Greeley	L	6
8	Howell	O	5
9	Humphrey	O	5
8	Long Pine	J	4
9	Lyons	Q	5
9	Newman Grove	N	5
9	Orleans	J	8
8	Pender	P	4
9	Plainview	N	4
9	Scribner	P	5
9	South Auburn	R	8
8	St. Edward	N	5
8	Syracuse	Q	7
8	Table Rock	Q	8
9	Tilden	N	5
8	Valley	Q	6
9	Wakefield	P	4
8	Walthill	Q	4
8	Wood River	L	7

BEATRICE

Builders Hardware Manufacturers.

Kees F D Mfg Co.....Beatrice 761-W

Hardware Specialties.

Kees F D Mfg Co.....Beatrice 761-W

Stampings & Dies.

Kees F D Mfg Co.....Beatrice 761-W

FREMONT

Seed Growers.

Western Seed & Irrigation Co.....Fremont 44

HASTINGS

Gasket & Washer Cutters.

Rose J A Mfg Co, 105 S Kansas av.....Hastings 367-W

Pumps, Automobile Tire.

Berck & Jaden (Manufacturers Golden Rod Tire Pumps), 2nd and Kerr..Hastings 1981-W

LINCOLN

Belting.

Alexander Bros Leather Belting (Western Supply Co) 820 N Lincoln.....B 1150

Bonds, Guarantee.

National Surety Company (Commercial Investment Company, Gen Agts) 1301 N st.....B 1212

Bonds, Surety.

National Surety Company (Commercial Investment Company, Gen Agts) 1301 N st.....B 1212

Burglary Insurance.

National Surety Company (Commercial Investment Company, Gen Agts) 1301 N st.....B 1212

Grain Bins.

National Steel Products Co, Western Hotel L-5639

Leather Belting.

Alexander Bros Leather Belting (Western Supply Co) 820 N st.....B 1150

Surety Bonds.

National Surety Company (Commercial Investment Company, Gen Agts) 1301 N st.....B 1212

Washing Machines, Mnfrs.

Maytag Company The, 816 Q.....B-1315

NEBRASKA CITY

Carburetors, Kerosene.

Duff R A Engineering Co .....Nebraska City 146

NORFOLK

Tractors, Farm.

Albaugh-Dover Co, 11th and Benjamin....Norfolk 625

OMAHA

Accountants, Public & Financial Reconstructionists.

Schroeder George, Railway Exchange bldg.Douglas 3261

Adding Machines.

Monroe Calculating Machine Co, Brandeis Theatre bldg .....Douglas 2148
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Addressing Machines.

Addressograph Co (E J Hammersley Dist Mgr), Brandeis bldg .....Douglas 9047
See our Catalog Space, page 907

Architects Country Homes Mountain Camps & Houses.

Dodds Everett S, Brandeis Theatre bldg..Douglas 2981

Asphalt.

Barber Asphalt Paving Co The (Trinidad and Bermudez), Omaha National Bank bldg .....Douglas 7611

Autographic Registers and Roll Printed Stationery.

United Autographic Register Co, Woodmen of the World bldg.....Douglas 5852

Autographic Registers & Roll Printers.

Globe Register Co The (L D Ladd) Bee bldg .....Douglas 4126

Babbitt Special for Automobiles & High Pressure.

Western Smelting & Refining Co, 7th and Douglas .....Douglas 3424

Barrels—Welded Steel Shipping.

Nebraska & Iowa Steel Tank Co, 13th and Willis av.....Webster 278

Belting.

Alexander Bros Leather Belting (American Supply & Machy Co) 1102 Farnam...Douglas 1273

Business Counselors & Financial Reconstructionists.

Schroeder George, Railway Exchange bldg.Douglas 3261

Calculating Machines.

Monroe Calculating Machine Co, Brandeis Theatre bldg .....Douglas 2148
See our Catalog Space, page 905

Carburetors.

United States Carburetor Co, 701 S 13th.Douglas 1290

Carburetors, Kerosene.

United States Carburetor Co, 701 S 13th.Douglas 1290

Case Hardening & Carbonizing (New Process).

Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

Cement Mnfrs.

Lehigh Portland Cement Co, Securities bldg.Tyler 251

Chemical & Pharmaceutical Manufacturers.

Gering Henry R Co The, 701 S 13th....Douglas 1290

Cleaning Specialties—Efficiency Service Free.

Ford J B Co The, W O W bldg.....Douglas 8421

Collecting Agencies and Mercantile Adjustments.

Omaha Adjustment Company, Bee bldg..Douglas 3672
Russell Adjustment Co, Woodmen of the World bldg .....Douglas 1941

Cylinder Boring & Automobile Repairs.

Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

Detective Agencies.

Reliable Detective Bureau, Railway Exchange bldg .....Douglas 2056

Electric Lighting Fixtures, for all Purposes.

Brascolite (The Kornmeyer Company, Distributors), [illegible] Douglas 6326
See our Catalog Space, page 968

OMAHA—continued

Electro Platers—Gold, Silver and Nickel.
Omaha Plating Co, 705 S 16th.....Douglas 2535

Envelopes, Catalogues, Bookbinding & General Printing.
Burkley Envelope & Printing Co, 417 S 12thDouglas 691

Hotels.
Hotel Fontanelle, Douglas & 18th.....Douglas 3207
Hotel Loyal, 16th St Capitol to Davenport.Douglas 2008

Ice & Refrigerating Machines & Plants.
Baker Ice Machine Co, 20th and Nicholas.Douglas 1361

Kerosene Carburetors.
United States Carburetor Co, 701 S 13th.Douglas 1290

Leather Belting.
Alexander Bros Leather Belting (American Supply & Machy Co) 1102 Farnam...Douglas 1273

Linoleum Preservatives.
Universal Chemical Co, 314-16 S 12th..Douglas 8747

Lockers, Steel.
Medart Fred Mfg Co (Prescott Heald Rep), 1220 W O W bldg.....Tyler 526

Loose Leaf.
Nelson Loose Leaf Corporation, 2425 Leavenworth .....Tyler 2781

Mailing Lists & Letter Duplicating.
Mazon Service Corp, Security bldg.....Tyler 2178

Medical Periodicals.
Western Medical Review Co, 701 S 13th..Douglas 1290

Motor Trucks.
Autocar Sales & Service Co The (Clement Motors Co), 2512 Farnam.....Douglas 5218

Moving, Packing, Shipping & Storage of Household Goods.
Omaha Van & Storage Co, 808 S 16th..Douglas 4163
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Organ Builders.
Estey Organ Company (J W Morrison) 710 N 16th.....Red 4819

Packing, Shipping, Moving & Storage of Household Goods.
Omaha Van & Storage Co, 808 S 16th..Douglas 4163
See our Catalog Space, page 1011

Periodical Journals.
Degree of Honor Journal, 701 S 13th....Douglas 1290

Pharmaceutical and Manufacturing Chemists.
Gering Henry R Co The, 701 S 13th....Douglas 1290

Pleating, Buttons, Embroidering & Hemstitching.
Ideal Button & Pleating Co, Brown bldg..Douglas 1936

Polish Universal Re-Newer (Greaseless)
Universal Chemical Co, 314-16 S 12th...Douglas 8747

School Supplies, School Desks and Furniture.
Omaha School Supply Co, 1108-10-12 Nicholas .....Douglas 1912

Screw Machine Products & Machine Work.
Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

Shipping, Packing, Moving & Storage of Household Goods.
Omaha Van & Storage Co, 808 S 16th..Douglas 4163
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Storage, Shipping, Packing & Moving of Household Goods.
Omaha Van & Storage Co, 808 S 16th..Douglas 4163
See our Catalog Space, page 1011

Time Stamps and Cost Keeping Systems.
Baird Equipment Co (T L Coombs & Co, Agts), 1520 Douglas .....Douglas 2240

Typewriters—Portable.
Corona Typewriter Company Inc, 1905 Farnam .....Douglas 4121

Weather Strips.
Monarch Metal Weather Strip Co The (F H Turney & Co, Distributors) 773 Brandeis bldg .....Douglas 4596
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Welders, Broken Metal Parts of all Kinds.
Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

Welding & Cutting Apparatus.
Bertschy Mfg & Engineering Co, 1915-23 Harney .....Douglas 2552

SEWARD

Lumber.
Seward Lumber & Fuel Co, 7th and Main..Seward 12

YORK

Grain Handling Machinery.
York Foundry & Engine Works.....York 7

NEVADA

NEVADA

Land area	109,821
Water area	869
Population (Estimated)	108,736
White	74,276
Negro	513
All others	7,086
Foreign-born white (U. S. Census 1910)	17,999
Native white	56,277
Male	52,551
Female	29,324

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(See map, opposite page)

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2 Elko .....J 3
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5 Goldfield .....G 9
1 Las Vegas .....K 12
1 Lovelocks .....D 4
1 MoGill .....L 6
15 Reno .....B 5
3 Sparks .....B 5
4 Tonopah .....G 8
2 Virginia City ...B 6
1 Wadsworth .....B 5
1 Winnemucca ...F 3

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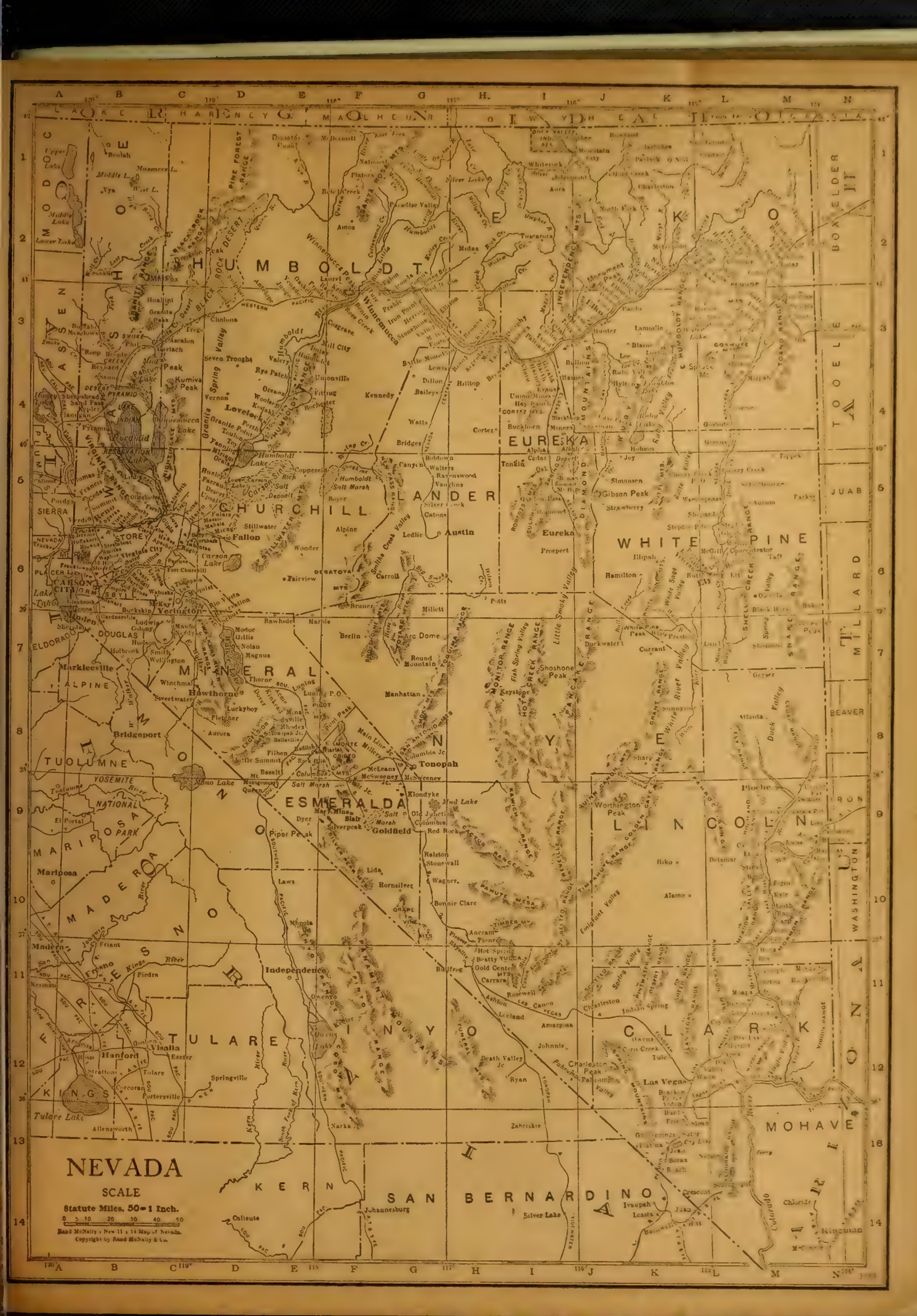
5 Battle Mountain.G 3
2 Beatty .....H 11
4 Blair .....F 9
1 Buckhorn .....I 4
1 Bunkerville ....M 11
7 Caliente .....L 9
3 Carlin .....I 3
3 Cherry Creek ...K 5
3 Columbia .....G 9
1 Crescent .....L 14
5 Dayton .....B 6
2 Deeth .....K 2
9 Delamar .....L 10
5 East Ely .....L 6
8 Eureka .....I 6
1 Fairview .....E 6
7 Fallon .....D 6
4 Franktown .....A 6
8 Gardnerville ....B 7
2 Genoa .....A 6
4 Golconda .....G 3
1 Gold Hill .....B 6
6 Hawthorne .....D 8
4 Hazen .....C 5
1 Hilltop .....H 4
1 Imlay .....E 3
1 Jarbridge .....K 1
1 Jean .....K 13
1 Lida .....F 10
1 Luning .....E 7
3 Luckyboy .....D 8
2 McDermitt .....F 1
8 Manhattan .....G 8
1 Mason .....C 7
5 Mazuma .....D 4
2 Midas .....H 2
2 Mill City .....F 3
1 Millers .....F 8
3 Mina .....E 8
1 Minden .....B 7
2 Moapa .....L 11
2 Palisade .....I 3
3 Panaca .....M 9
4 Paradise Valley..G 2
6 Pioche .....M 9
7 Rhyolite .....H 11
6 Round Mountain.G 7
2 Ruth .....L 6
1 Rye Patch .....D 4
4 Searchlight ....L 14
2 Seven Troughs ..D 3
2 Sheridan .....A 7
3 Silver City .....B 6
2 Silverpeak .....F 9
1 Sodaville .....E 8
1 Sweetwater ....C 8
5 Tuscarora .....I 2
2 Verdi .....A 5
4 Wells .....L 2
3 Wonder .....E 6
7 Yerington .....C 7


NEVADA
SCALE
Statute Miles. 50=1 Inch.
0 5 10 20 30 40 50
Rand McNally's New 11 x 14 Map of Nevada.
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HUMBOLDT
ELKO
EUREKA
LANDER
CHURCHILL
WHITE PINE
MINERAL
NYE
ESMERALDA
LINCOLN
CLARK
MOHAVE
TULARE
INYO
KERN
SAN BERNARDINO
MONO
MADERA
MARIPOSA
TUOLUMNE
ALPINE
CARSON CITY
STOREY
WASHOE
PLACER
SIERRA
DOUGLAS
ELDORADO
KINGS
TOOELE
JUAB
BEAVER
PIUTE
WASHINGTON
LINCOLN
BOXELDER
Lovelock
Fallon
Austin
Eureka
Tonopah
Goldfield
Hawthorne
Yerington
Virginia City
Carson City
Bridgeport
Markleeville
Mariposa
Independence
Hanford
Visalia
Las Vegas
Pioche
Ely
Winnemucca
Humboldt Lake
Carson Lake
Tulare Lake
Mono Lake
Pyramid Lake
Walker Lake
Lake Tahoe
Death Valley
Silver Lake
Salt Marsh
Mud Lake
Sierra Nevada
Yosemite National Park
Pine Forest Range
Black Rock Desert
Granite Range
Stillwater Range
Humboldt Range
Toiyabe Range
Monitor Range
Shoshone Range
Pancake Range
Snake Range
Schell Creek Range
Grant Range
Egan Range
Pilot Range
Golden Gate Range
Timpahute Range
Pahranagat Range
Sheep Range
Spring Range
Las Vegas Range
Pahrump Valley
Death Valley
Amargosa Desert
Ivanpah Valley
Colorado River
Kern River
Kings River
Fresno River
Mono Lake
Tulare Lake
Salt Lake
Silver Lake
Pyramid Lake
Walker Lake
Lake Tahoe
Carson Lake
Humboldt Lake
Winnemucca Lake
Mud Lake
Salt Marsh
Sierra Nevada
Yosemite National Park
Pine Forest Range
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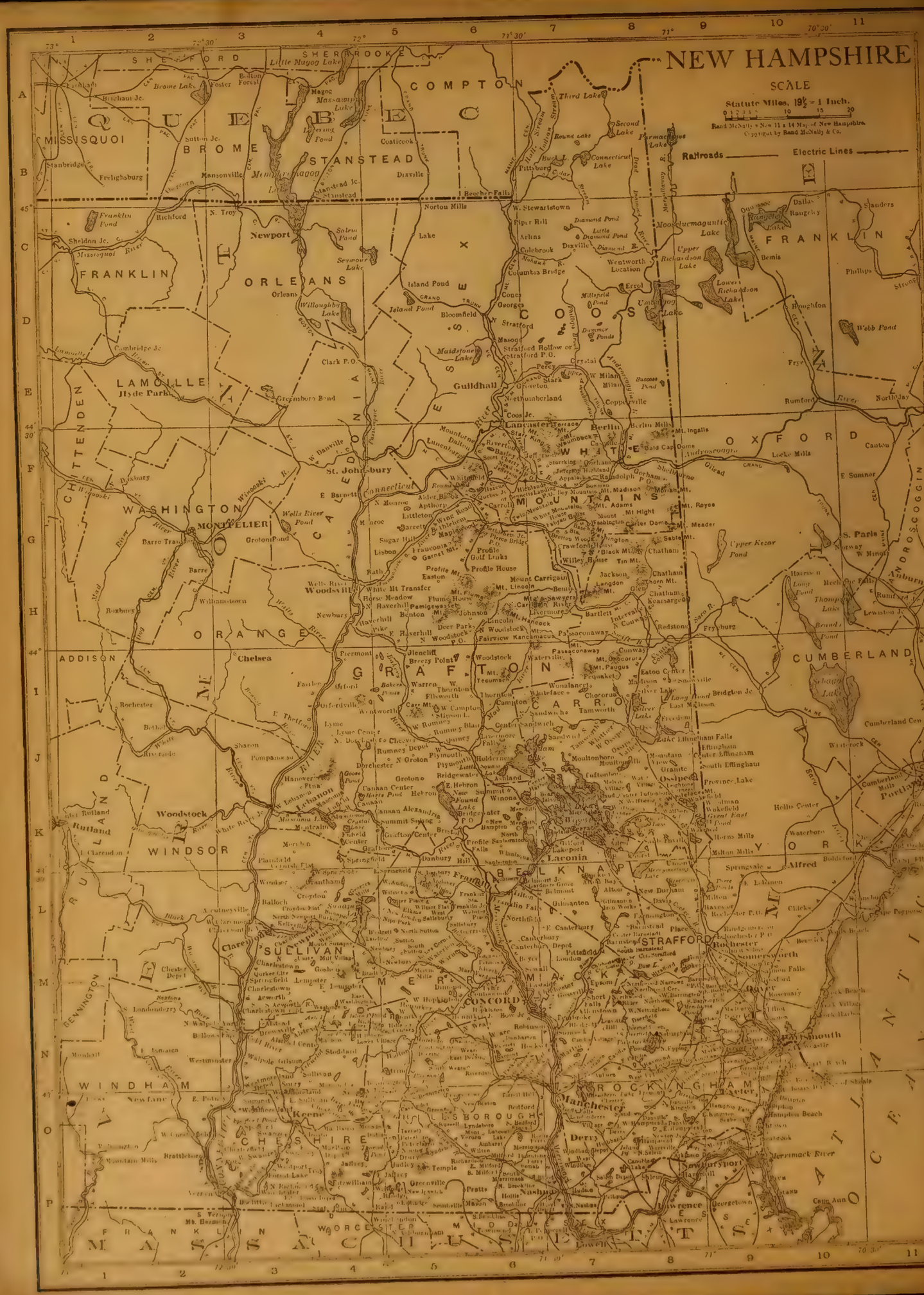
Humboldt Range
Toiyabe Range
Monitor Range
Shoshone Range
Pancake Range
Snake Range
Schell Creek Range
Grant Range
Egan Range
Pilot Range
Golden Gate Range
Timpahute Range
Pahranagat Range
Sheep Range
Spring Range
Las Vegas Range
Pahrump Valley
Death Valley
Amargosa Desert
Ivanpah Valley
Colorado River
Kern River
Kings River
Fresno River
Mono Lake
Tulare Lake
Salt Lake
Silver Lake
Pyramid Lake
Walker Lake
Lake Tahoe
Carson Lake
Humboldt Lake
Winnemucca Lake
Mud Lake
Salt Marsh


NEW HAMPSHIRE
SCALE
Statute Miles, 19½ = 1 Inch.
Rand McNally & New 11 x 14 Map of New Hampshire.
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Railroads
Electric Lines
QUEBEC
COMPTON
SHERBROOKE
SHEFFORD
STANSTEAD
BROME
MISSISQUOI
FRANKLIN
ORLEANS
ESSEX
COÖS
LAMOILLE
WASHINGTON
ORANGE
ADDISON
CALEDONIA
WHITE MOUNTAINS
OXFORD
CUMBERLAND
GRAFTON
CARROLL
WINDSOR
RUTLAND
BELKNAP
STRAFFORD
YORK
SULLIVAN
MERRIMACK
CONCORD
WINDHAM
CHESHIRE
HILLSBOROUGH
ROCKINGHAM
FRANKLIN
WORCESTER
MASSACHUSETTS
ATLANTIC OCEAN
Montpelier
Newport
St. Johnsbury
Woodsville
Chelsea
Woodstock
Rutland
Laconia
Manchester
Keene
Portsmouth
Portland
Lewiston
Lancaster
Berlin
Lake Winnipesaukee
Lake Sunapee
Lake Memphremagog
Lake Champlain
Connecticut River
Merrimack River
Androscoggin River
Saco River
Moosilauke
Mt. Washington
Mt. Lafayette
Mt. Lincoln
Mt. Carrigain
Mt. Moosilauke
Mt. Adams
Mt. Madison
Mt. Jefferson
Mt. Washington
Mt. Chocorua
Mt. Kearsarge
Mt. Monadnock
Mt. Sunapee
Mt. Cardigan
Mt. Ossipee
Mt. Washington
Mt. Katahdin
Mt. Desolation
Mt. Bemis
Mt. Ingalls
Mt. Royce
Mt. Meader
Mt. Sable
Mt. Tin
Mt. Black
Mt. Pequaket
Mt. Paugus
Mt. Onocorora
Mt. Bernard
Mt. Hunger
Mt. Mansfield
Mt. Ascutney

NEW HAMPSHIRE

NEW HAMPSHIRE

Land area		9,031
Water area		310
Population	(Estimated)	443,467
White	(U. S. Census 1910)	429,906
Negro		564
All others		102
Foreign-born white		96,558
Native white		333,348
Male		216,290
Female		214,282

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

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1	Andover	L	5
1	Antrim	N	5
1	Ashland	Q	6
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1	Bartlett	H	7
1	Bath	H	5
1	Bedford	O	7
1	Belmont	L	7
14	Berlin	F	8
1	Berlin Mills	F	8
1	Bethlehem	G	5
1	Boscawen	M	6
1	Bristol	K	5
1	Canaan	K	5
1	Candia	N	8
1	Charlestown	M	3
8	Claremont	L	3
2	Colebrook	C	7
23	Concord	M	6
3	Conway	I	8
5	Derry	O	7
13	Dover	M	9
1	East Jaffrey	P	5
1	Enfield	K	4
2	Epping	N	8
5	Exeter	O	9
3	Farmington	L	8
1	Fitzwilliam	P	4
6	Franklin	L	6
1	Gilmanton	L	7
3	Goffstown	N	6
2	Gorham	E	8
1	Greenville	P	5
1	Groveton	C	7
1	Hampton	O	10
1	Hanover	J	4
3	Haverhill	H	5
1	Henniker	M	5
2	Hillsboro	N	4
2	Hinsdale	P	3
2	Hookset	N	7
2	Hopkinton	N	6
1	Hudson	P	7
2	Jaffrey	P	4
1	Jefferson	F	7
11	Keene	O	3
1	Kingston	O	8
12	Laconia	K	7
3	Lancaster	F	7
6	Lebanon	K	4
1	Lincoln	H	6
2	Lisbon	G	5
3	Littleton	G	5
2	Londonderry	O	7
1	Lyme	I	4
78	Manchester	O	7
1	Marlboro	O	4
2	Meredith	K	6
1	Merrimack	P	6
4	Milford	P	6
2	Milton	L	9
27	Nashua	P	6
1	New Boston	O	6
3	New Market	N	9
4	Newport	L	4
1	Newton	O	9
1	North Conway	H	8
2	Northumberland	E	7
1	Northwood	M	8
1	Ossipee	Q	8
3	Pembroke	N	7
2	Peterboro	O	5
2	Pittsfield	M	7
1	Plainfield	K	4
1	Plaistow	O	8
2	Plymouth	J	6
12	Portsmouth	N	10
1	Raymond	N	8
9	Rochester	M	9
1	Rye	N	10
2	Salem	P	7
2	Salmon Falls	M	9
1	Seabrook	O	9
7	Somersworth	M	9
1	Sunapee	L	4
3	Suncook	N	7
2	Swanzey	O	3
1	Tamworth	J	7
2	Tilton	L	6
1	Troy	P	5
2	Wakefield	K	9
3	Walpole	N	3
1	Warner	M	5
1	Weare	N	6
2	Whitefield	F	6
1	Wilton	O	6
2	Winchester	P	3
2	Wolfeboro	K	8
1	Woodstock	I	6
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Population—Hundreds

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8	Campton	I	6
8	Chester	O	7
8	Contoocook	M	6
9	Deerfield	N	8
8	Durham	N	9
9	East Rochester	M	9
8	Hampstead	O	8
9	Hollis	P	6
9	Milan	E	8
9	Milton Mills	K	9
8	Moultonboro	J	7
8	New Hampton	K	6
9	New Ipswich	P	5
8	New London	L	5
8	North Hampton	O	9
8	Orford	I	4
8	Pelham	P	7
9	Rumney	I	5
9	Sanbornton	K	6
9	Sandwich	J	7
8	Strafford	M	8
8	Stratford	E	6

CONCORD

Insurance Companies (Life)

United Life & Accident Ins Co, United Life bldg ..... Concord 740

FRANKLIN

Hosiery Mfrs.

Sulloway Mills ..... Franklin 339

Pistons & Piston Rings.

Hebert Mfg Co The ..... Franklin 124-4

KEENE

Looseleaf Systems & Devices.

Martell A E Co ..... Keene 300

Manifold Books.

Martell A E Co ..... Keene 300

LAKEPORT

Banks.

Lakeport National Bank, 799 Union av .. Laconia 215-3

Boring & Turning Mills.

Bickford H & Co, 1004 Union av ..... Laconia 259-12

Knitting Machinery.

Crane Mfg Co, 175 Mechanic ..... Laconia 421-3

LEBANON

Adding Machines.

Monroe Calculating Machine Company, 13 Green ..... Lebanon 213
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Auger Bits.

Lebanon Machine Co ..... Lebanon 186-11

Calculating Machines.

Monroe Calculating Machine Company, 13 Green ..... Lebanon 213
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Castings (Gray Iron).

Lebanon Machine Co ..... Lebanon 186-11

Machinery & Tools (Special)

Lebanon Machine Co ..... Lebanon 186-11

Signs (Highway).

Lebanon Machine Co ..... Lebanon 186-11

MANCHESTER

Bridge Builders.

Lyons F P Iron Wks, 319 Elm ..... Manchester 2593

Brushes, Mnfrs.

Felton S A & Son Co (Hand & Power, Mills & Factories), West Brook ..... Manchester 204

Hardware, Wholesale.

Varick John B Co, 809 Elm ..... Manchester 4560

Hotels.

Hotel Exeter, 782 Elm ..... Manchester 3658

Iron Works.

Lyons F P Iron Wks, 319 Elm ..... Manchester 2593

Knitting Machinery.

Leighton Machine Co, Hayward and Kingston ..... Manchester 1285

Safety Devices.

Lyons F P Iron Wks, 319 Elm ..... Manchester 2593

Shoes, Mfrs. (Women's).

Plant Bros & Co, 343 Kelley ..... Manchester 4500

Structural Iron & Steel.

Lyons F P Iron Wks, 319 Elm ..... Manchester 2593

PORTSMOUTH

Castings Brass.

Portsmouth Foundry Co, 138 Bridge. Portsmouth 815-M

Electrical Marine Equipment.

Portsmouth Foundry Co, 138 Bridge. Portsmouth 815-M

ROCHESTER

Box Shooks.

Studley Box & Lumber Co, Foot of Silver ..... Rochester 74-2

Lumber.

Studley Box & Lumber Co (Dealers in New England Lumber), Foot of Silver .. Rochester 74-2

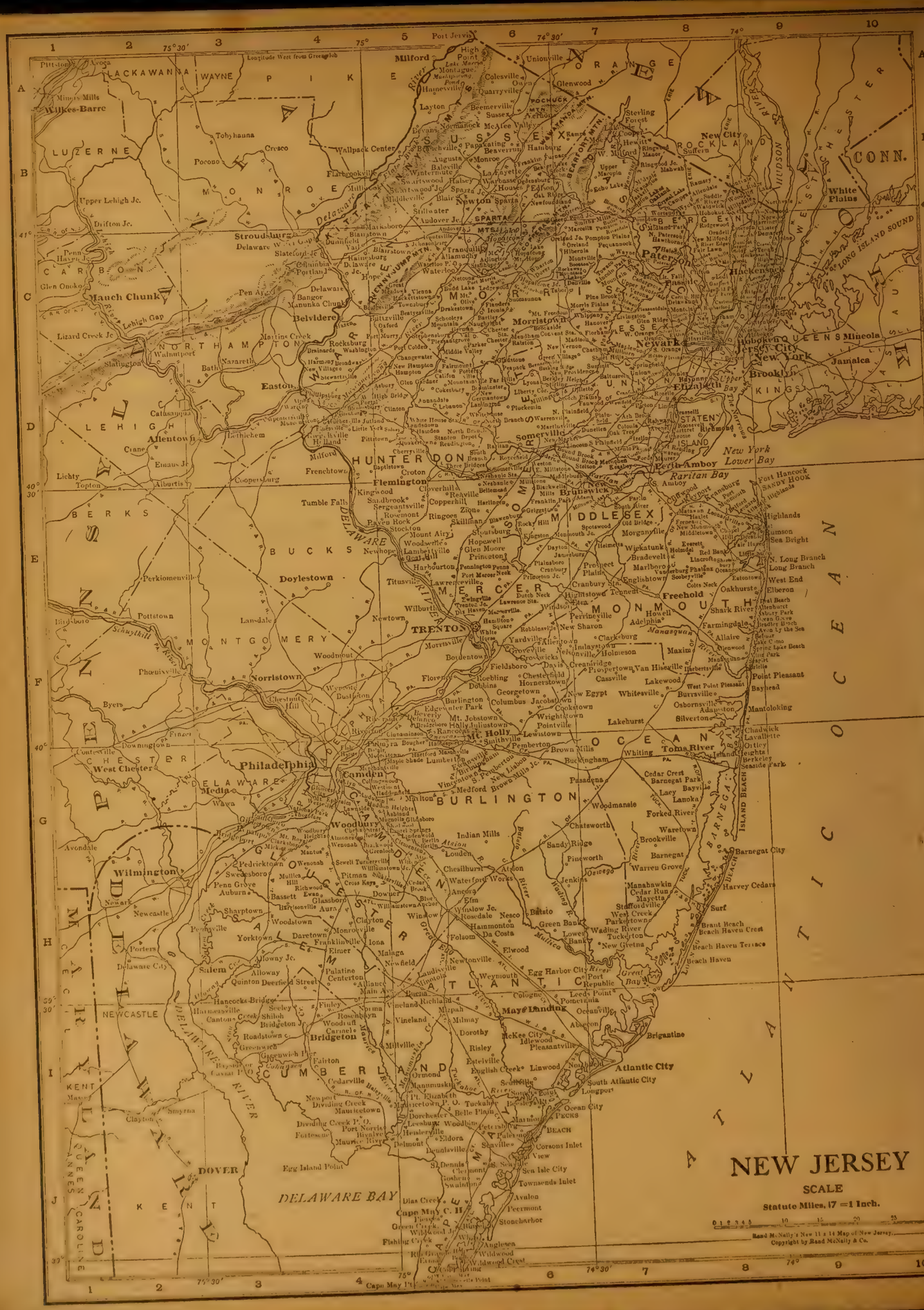
Woolens, Mnfrs.

Rochester Woolen Co ..... Rochester 225

TILTON

Optical Goods.

Lord Albert C Optical Co ..... Tilton 36-11


NEW JERSEY
SCALE
Statute Miles, 17 = 1 Inch.
Rand McNally's New 11 x 14 Map of New Jersey.
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LACKAWANNA
WAYNE
PIKE
LUZERNE
MONROE
CARBON
NORTHAMPTON
LEHIGH
BERKS
BUCKS
MONTGOMERY
CHESTER
DELAWARE
NEWCASTLE
KENT
SUSSEX
WARREN
MORRIS
ESSEX
BERGEN
HUNTERDON
SOMERSET
MIDDLESEX
MERCER
MONMOUTH
UNION
HUDSON
ROCKLAND
ORANGE
CUMBERLAND
BURLINGTON
OCEAN
ATLANTIC
CAPE MAY
CONN.
DELAWARE BAY
ATLANTIC OCEAN
Wilkes-Barre
Scranton
Milford
Port Jervis
Paterson
Newark
Jersey City
New York
Brooklyn
Trenton
Camden
Philadelphia
Atlantic City
Cape May
Dover
Wilmington
Easton
Allentown
Bethlehem
Reading
Lakewood
Freehold
Long Branch
Asbury Park
Ocean City
Sea Isle City
Brigantine
Harvey Cedars
Barnegat City
Point Pleasant
Sandy Hook
Staten Island
Raritan Bay
Lower Bay
Upper Bay
Long Island Sound
Hudson River
Delaware River
Delaware Bay
Great Bay
Longitude West from Greenwich
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NEW JERSEY

NEW JERSEY

Land area	7,514
Water area	710
Population (Estimated)	2,981,105
White	2,445,894
Negro	89,760
All others	1,513
Foreign-born white (U. S. Census 1910)	658,188
Native white	1,787,706
Male	1,286,463
Female	1,250,704

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2	Belvidere	C	4
2	Beverly	F	5
19	Bloomfield	C	8
5	Boonton	C	7
4	Bordentown	F	5
5	Boundbrook	D	7
2	Bradley Beach	J	16
14	Bridgeton	I	4
9	Burlington	F	5
3	Butler	C	7
3	Caldwell	C	7
106	Camden	G	4
3	Cape May	J	5
4	Carlstadt	C	8
2	Chatham	D	7
2	Clayton	H	4
5	Cliffside	C	9
7	Collingswood	G	4
3	Dunnellen	D	7
9	Dover	C	6
43	East Orange	C	8
3	Edgewater	C	9
2	Egg Harbor City	H	6
87	Elizabeth	D	8
12	Englewood	C	9
4	Fairview	C	8
3	Flemington	E	5
5	Fort Lee	C	9
4	Freehold	F	8
14	Garfield	C	8
3	Glassboro	H	4
4	Glen Ridge	C	7
11	Gloucester City	G	4
6	Guttenberg	C	9
17	Hackensack	C	9
3	Hackettstown	C	5
5	Haddonfield	G	5
2	Haddon Heights	G	4
6	Hammonton	H	6
17	Harrison	D	8
4	Hawthorne	C	8
3	Highstown	E	7
77	Hoboken	D	9
2	Holly Beach	J	5
16	Irvington	D	8
2	Jamesburg	E	6
306	Jersey City	D	9
4	Keyport	E	8
3	Lakewood	F	7
5	Lambertville	E	5
2	Leonia	C	9
3	Little Ferry	C	8
6	Lodi	C	8
15	Long Branch	E	9
6	Madison	C	7
3	Metuchen	D	7
2	Midland Park	C	8
2	Millburn	D	7
14	Millville	I	5
26	Montclair	C	8
13	Morristown	C	6
2	Netcong	F	5
409	Newark	D	7
26	New Brunswick	E	7
4	Newton	B	6
6	N. Plainfield	D	7
8	Nutley	C	8
4	Ocean City	I	6
3	Ocean Grove	F	9
33	Orange	C	7
2	Oxford	C	5
2	Palisades Park	C	9
2	Park Ridge	B	8
72	Passaic	C	8
138	Paterson	C	8
3	Paulsboro	G	3
4	Penn Grove	H	3
41	Perth Amboy	D	8
16	Phillipsburg	D	4
3	Pitman	H	4
24	Plainfield	D	7
5	Pleasantville	I	6
6	Princeton	E	6
10	Rahway	D	7
2	Ramsey	B	8
4	Raritan	D	6
9	Red Bank	E	8
7	Ridgewood	C	8
2	Riverton	F	4
2	Rockaway	C	7
4	Roselle	D	8
8	Rutherford	C	8
7	Salem	H	3
5	Secaucus	C	8
6	Somerville	D	6
8	South Amboy	E	8
6	South Orange	D	8
7	South River	E	7
9	Summit	D	7
3	Tenafly	C	9
112	Trenton	F	5
7	Vineland	I	5
3	Washington	C	4
14	Weehawken	C	9
8	Westfield	D	7
43	West Hoboken (Suburb of Jersey City)	C	9
14	West Orange	C	7
2	Westwood	C	8
3	Wharton	C	6
4	Wildwood	J	5
2	Woodbine	J	5
2	Woodbridge	D	7
5	Woodbury	G	4

ARLINGTON

Machinists.

American Huhn Metallic Packing Co, 580 Elm ..... Arlington 811

Metallic Packing for Ammonia.

American Huhn Metallic Packing Co, 580 Elm ..... Arlington 811

ATLANTIC CITY

Detective Agencies.

Haughey's State Detective Bureau, 10 S Tennessee av ..... Atlantic City 1254-J

McClain & Martin, Guarantee Trust bldg ..... Atlantic City 1753-J

Dumb Waiters.

Guttridge Oliver H Co Inc (Sedgwick Machine Works Inc) 1326 Atlantic av ..... Atlantic City 553-J

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Hotels.

Fredonia Hotel, Tennessee av and Boardwalk ..... Atlantic City 3832-J

Phillips House, Massachusetts and Oriental avs ..... Atlantic City 362

Motor Trucks.

Autocar Sales & Service Co The, 3426 Atlantic av ..... Atlantic City 1946

BAYONNE

Belting.

Duryea Manufacturing Co, Ave C and 2d. Bayonne 1800

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Bolts, Nuts and Rivets.

Bayonne Bolt & Nut Co, 2d st & Trask av ..... Bayonne 1171

Castings, Nickel.

Bayonne Casting Co The, Oak ..... Bayonne 1181

Castings and Rods in Monel Metal.

Bayonne Casting Co The, Oak ..... Bayonne 1181

Cotton Belting.

Duryea Manufacturing Co, Ave C and 2d. Bayonne 1800

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Metal Monel, Rods and Castings.

Bayonne Casting Co The, Oak ..... Bayonne 1181

Organ Builders.

Estey Organ Company (Thos Radley, c/o Louis Beck), 12 W 6th ..... Bayonne 62-J

Rivets, Boiler, Ship Tan and Structural.

Bayonne Bolt & Nut Co, 2d st & Trask av ..... Bayonne 1171

BELLEVILLE

Grindstones.

Hoppen J E & Sons, 70-74 Main ..... Belleville 9642

BEVERLY

Underwear (Ladies & Misses) Mfrs.

Beverly Underwear Co ..... Beverly 38

BLOOMFIELD

Chemists.

Scott & Bowne, 60 Orange ..... Bloomfield 2405

Cream Separators—Milking Machines.

Empire Cream Separating Co, Nelson ... Bloomfield 1274

Electro Platers.

Harrison Lock & Electroplating Works, Bloomfield av & Grove ..... Branch Brook 437

Trunk Locks & Hardware.

Harrison Lock & Electroplating Works, Bloomfield av & Grove ..... Branch Brook 437

Vermin Exterminator Manufacturers.

Morisrite Mfg Co, 167-169 Bloomfield av ..... Bloomfield 2831

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Wire Specialties on Automatic Machines to Order.

Eastern Tool & Mfg Co, Bloomfield av and Erie R R ..... Branch Brook 3786

Woolen and Worsted Manufacturers.

Oakes Thomas & Co, 225 Belleville av .. Bloomfield 1300

BRIDGETON

Presses—Mechanical & Punching.

Ferracute Machine Co, E Commerce .... Bridgeton 34

BURLINGTON

Carriages.

Birch James H ..... Burlington 310

Feed.

Neu-Life Food Co (Special Formula, Dairy, horse & hog) 338-342 W Broad ..... Burlington 183

BUTLER

Excelsior.

North Jersey Excelsior Co ..... Butler 69

CAMDEN

Bonds, Guarantee.

National Surety Company (Cecil B Myer, Mgr), 425 Market ..... Camden 1718

Bonds, Surety.

National Surety Company (Cecil B Myer, Mgr), 425 Market ..... Camden 1718

Burglary Insurance.

National Surety Company (Cecil B Myer, Mgr), 425 Market ..... Camden 1718

Detective Agencies.

Miller Frank H Detective Agency, 443 Bway ..... Camden 1434

Dies.

Wolff Wm F Co Inc, 1125-27-29 Haddon av ..... Camden 454

Flag Poles & Spar Makers.

Lingo John E & Son Ft of Elm ..... Camden 487

Folding Boxes.

Penn Paper Products Co, 3d and Atlantic av ..... Bell-Camden 2964 Keystone-Camden 436

Gages.

Wolff Wm F Co Inc, 1125-27-29 Haddon av ..... Camden 454

Jigs.

Wolff Wm F Co Inc, 1125-27-29 Haddon av ..... Camden 454

Lockers, Steel.

Jefferis Richard W Co, 11th and Linden ..... Bell-Camden 1401 Keystone-Camden 64

Machinists.

Blair Mfg Co, 209 S 2nd ..... Bell-Camden 1292 Keystone-Camden 726

Metal Stamping.

Penn Pressed Metal Co, Newton av and Line ..... Camden 1183

CAMDEN—continued

Organ Builders.
Estey Organ Company (H H Allen), Haddon Heights ..... Haddon Heights 778-M

Paints and Varnishes.
Clement Coverall Co, 615-23 Van Hook.. Camden 1538

Paper, Box Papers Glazed.
Locke E G Mfr, Ninth, Bailey & Erie Bell-Camden 236
..... Keystone-Camden 236

Paper, Colored Enameled Waterproof.
Locke E G Mfr, Ninth, Bailey & Erie Bell-Camden 236
..... Keystone-Camden 236

Paper, Glazed Chocolate Dipping.
Locke E G Mfr, Ninth, Bailey & Erie Bell-Camden 236
..... Keystone-Camden 236

Paper, Surface Coated Glazed & Fancy.
Locke E G Mfr, Ninth, Bailey & Erie Bell-Camden 236
..... Keystone-Camden 236

Paper, White Glazed Waterproof.
Locke E G Mfr, Ninth, Bailey & Erie Bell-Camden 236
..... Keystone-Camden 236

Punches.
Wolff Wm F Co Inc, 1125-27-29 Haddon av ..... Camden 454

Real Estate.
Clow Robert D Jr (Factory Sites, Homes, Ground, and Insurance) 21 Bway..... Camden 341

Sheet Metal.
Sheet Metal Construction Co (Anything from any kind of sheet metal for any purpose) Delaware av Wood & York... Camden 1426

Shelving Steel.
Jefferis Richard W Co, 11th & Linden Bell-Camden 1401
..... Keystone-Camden 64

Ship Builders.
Mathias Ship Building Co..... Camden 76

Steel Pen Mnfrs.
Esterbrook Steel Pen Co, Delaware av & Cooper ..... Camden 34

Surety Bonds.
National Surety Company (Cecil B Myer, Mgr) 425 Market..... Camden 1718

Tin Boxes.
Myers Manufacturing Co (Myers Patent Label Retaining Lid) Bell-Camden 2289
7th & Pearl..... Keystone-Camden 537

Tools.
Wolff Wm F Co Inc, 1125-27-29 Haddon av ..... Bell-Camden 454

Wire Cloth.
Audubon Wire Cloth Co Inc, (Wire Cloth for Industrial Uses, Cement, Coal & Ore Screens, Wire Guards, Wire Bell-Haddon Heights 573
Products) Audubon N J.. Phila Keystone-Main 3597

Wood Sole Shoes.
Brown's Wm Sons Co Inc, 238-40 Liberty. Camden 1124

EAST ORANGE

Ball Bearings and Repairs.
S B R Specialty Co, 17-19 Princeton..... Orange 2561

Die Castings.
Grey C M Mfg Co, 358 Central av..... Orange 2484

Iron Castings.
Smith A P Mfg Co The, Norman and Lawrence ..... Orange 6000

Machinists.
Smith A P Mfg Co The, Norman and Lawrence ..... Orange 6000

Mailing Service.
Doremus R H, 9 Washington..... Orange 1062

Multigraphing.
Doremus R H, 9 Washington..... Orange 1062

Organ Builders.
Estey Organ Company (H L Godshalk) 189 Amherst ..... Orange 6092

Typewriting.
Doremus R H, 9 Washington..... Orange 1062

Water Works Supplies.
Smith A P Mfg Co The, Norman and Lawrence ..... Orange 6000

ELIZABETH

Awnings and Tents.
Laggren Bros Co, 1178-80 E Grand..... Elizabeth 873

Bronze Powder Manufacturers.
Bronze Powder Works Co The, 801 Magnolia av ..... Elizabeth 347

Carbonic Acid Gas.
General Carbonic Co, Washington av, Linden ..... Elizabeth 1626

Decorators.
Laggren Bros Co, 1178-80 E Grand..... Elizabeth 873

Fans, Electric, Exhaust & Blowers.
Diehl Mfg Co, Elizabethport..... Elizabeth 3100

Generators & Dynamos Direct & Alternating Current.
Diehl Mfg Co, Elizabethport ..... Elizabeth 3100

Motors, Electric, Direct and Alternating Current.
Diehl Mfg Co, Elizabethport..... Elizabeth 3100

Rubber Type Mnfrs.
Fulton Specialty Co, 128-142 Fulton... Elizabeth 1649

Stamp Pad Mnfrs.
Fulton Specialty Co. 128-142 Fulton... Elizabeth 1649

FLORENCE

Thread & Yarn (Cotton) Mfrs.
Florence Thread Co, Main..... Florence 135

GARWOOD

Annealing Boxes.
Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

Bench Legs—Cast Iron.
Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

Case Hardening Boxes.
Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

Castings for Heat Treatment Processes.
Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

Electrically Welded Steel Tanks.
Beckley Perforating Co, 200 North av.. Westfield 737

Gasoline Tanks.
Beckley Perforating Co, 200 North av.. Westfield 737

Perforated Metals.
Beckley Perforating Co, 200 North av.. Westfield 737

Stone Screens.
Beckley Perforating Co, 200 North av.. Westfield 737

Tempering Pots.
Garwood Bronze & Iron Works, 312 North av ..... Westfield 762-W

Wire Rope Mfrs.
Moon George C Co Inc ..... Westfield 739

Zinc, Copper and Brass—Perforated.
Beckley Perforating Co, 200 North av.. Westfield 737

HARRISON

Dress Fasteners.
Grip Right-Spring Dress Fastener Co, 429 Harrison av..... Harrison 1015

Filter Cloth.
Shriver T & Co, 850 Hamilton..... Harrison 2140

Filter Paper.
Shriver T & Co, 850 Hamilton..... Harrison 2140

Filter Presses.
Shriver T & Co, 850 Hamilton..... Harrison 2140

Gum Tape Machines.
Torrance Mfg Co, 18 and 20 Davis..... Harrison 2143

Hydraulic Presses.
Shriver T & Co, 850 Hamilton..... Harrison 2140

Oxy-Hydrogen-Electrolyzers.
Shriver T & Co, 850 Hamilton.... .. Harrison 2140

HAWTHORNE

Mirror—Mnfrs.
Schuster & Obert..... Paterson 3709-J
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HOBOKEN

Aluminum Castings.
Fischer Sweeny Bronze Co, 13th and Grand ..... Hoboken 776

Bamboo.
Deltour J Inc, 901-907 Jefferson..... Hoboken 1959

Bolts and Nuts Mnfrs.
New Jersey Bolt & Iron Works, 68-70 Hudson ..... Hoboken 1527

Bronze Castings.
Fischer Sweeny Bronze Co, 13th and Grand ..... Hoboken 776

Church Brass Goods, Altar Rails, Candle Sticks, Etc.
Summit Brass & Iron Works, 7th and Madison ..... Hoboken 559

Coal Tubs.
Focht George Sons, 105-123 Adams.....Hoboken 208

Contractors' Supplies.
Stocker F William Inc, 1031-1033 Clinton.Hoboken 2274

Cylinder Grinding.
Nilson-Miller Co, 1300 Hudson.....Hoboken 36

Gears.
Nilson-Miller Co, 1300 Hudson.....Hoboken 36

Grass & Field Seeds.
Nungesser-Dickinson Co, 1203 Hudson...Cortland 3604

Ice Cream Cones & Ice Cream Sandwich Wafers.
Marchiony I, 219-25 Grand.....Hoboken 893

Marine Steam Turbines.
Fletcher W & A Co, 1301 Hudson.....Hoboken 312

Poultry Feed.
Nungesser-Dickinson Co, 1203 Hudson...Cortland 3604

Seeds.
Nungesser-Dickinson Co, 1203 Hudson...Cortland 3604

Siphon Mnfrs.
N Y Bottlers' Supplies Mfg Co, 1208-1214 Willow av .....Hoboken 1058

Special Machinery.
Nilson-Miller Co, 1300 Hudson.....Hoboken 36

Tanks.
Schwarzwalder J & Sons Inc, (Round, Rectangular and Oval of Wood) 15th and Jefferson .....Hoboken 1581

Varnishes.
Hotopp Varnish Co, 110-112 Marshall....Hoboken 171

Welding & Cutting Machines —Also Welding Repairs.
General Welding Company, 369 Fourteenth .....Hoboken 1304

Willow Furniture Mnfrs. and Willow Novelties.
U S Willow Furniture Co, 13th and GrandHoboken 2345

IRVINGTON

Castings.
Barnett Oscar Fndry Co, Lyons and Coit .....Waverly 751

Die Castings.
Die Casting Co of New Jersey, 16 Washington av.....Waverly 1048

Insulating Materials.
Irvington Varnish & Insulator Co, Tremont Terrace .....Waverly 3366

Tools.
Irvington Tool & Die Works, 16-18 Washington av .....Waverly 1048

JERSEY CITY

Acetylene Apparatus.
Davis-Bournonville Co, Van Wagenan av..Bergen 1586
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Advertising and Office Pencils.
Pencil Exchange, 67-73 Fleet.....Montgomery 3473

Barrels & Casks (Tight) New & 2d Hand, Also Export.
O'Connor Michael & Sons, 17-35 Florence...Bergen 2923

Bonds, Guarantee.
National Surety Company (P E Wiles, Manager Hudson & Bergen Counties), 15 Exchange Place .....Montgomery 4147

Bonds, Surety.
National Surety Company (P E Wiles, Manager Hudson & Bergen Counties), 15 Exchange Place .....Montgomery 4147

Bricks—High Class Face Bricks, All Colors.
Upper Kittanning Brick Co, Fuller bldg .....Montgomery 419

Burglary Insurance.
National Surety Company (P E Wiles, Manager Hudson & Bergen Counties), 15 Exchange Place .....Montgomery 4147

Canned Spaghetti, Macaroni & Sauces.
Vineland Preserving Company, 284 Orient av .....Bergen 4500

Catalogues.
Jersey City Printing Co The, 160 Maple..Bergen 4800

Chemical Kettles, Stills, Retorts, Special Mixture Iron.
Gibson Iron Works Co, First and Henderson .....Montgomery 2335

Chemicals.
Avri Chemical Co, Johnston and Manning avs .....Bergen 3917
United Chemical Products Corporation, York & Colgate .....Montgomery 3252

Chemists, Mfg.
Gibson Howell Company, 140-142 Cator av.Bergen 2195
Mallinckrodt Chemical Works, West Side av.Bergen 2187

Chocolate & Cocoa Mnfrs.
Royal Cocoa Company, 407 Spingarn bldg .....Montgomery 4361

Cocoanut (Prepared).
Bussing F W Company, 4-10 Ash.....Bergen 401

Color Manufacturers and Importers.
United Chemical Products Corporation, York & Colgate .....Montgomery 3252

Cooperage—New & Second Hand Barrels of all Kinds.
O'Connor J J Co Inc, 17th and Erie..Montgomery 401

Cooperage—Tight Bbls., Casks & Shooks for Export.
Connor Michael & Sons, 17-35 Florence....Bergen 2923

Corks.
Mir, Codina & Marques, Montgomery, Cornelison av and Mercer.....Bergen 2199

Corrugated Iron, Painted, Galvanized & Flat Sheets.
New York Iron Roofing & Corrugating Co (Roofing, Siding & Corrugated Curved Arches), 94, 1st .....Montgomery 3371

Decalcomania—Transfers Name Plates—Window Signs.
Globe Decalcomanie Co, 76 Montgomery .....Montgomery 2497

Dies, Tools, Jigs, Fixtures, Stamping, Drawing.
Hudson Metal Mfg Co Inc 141 R R av cor Barrow .....Montgomery 3788

Drop Forgings & Chain Pipe Wrenches.
Drop Forging Company of New York The, 301 West Side av.....Bergen 1168

Dye Stuffs.
United Chemical Products Corporation, York & Colgate .....Montgomery 3252

Dyewood Extracts.
United Chemical Products Corporation, York & Colgate .....Montgomery 3252

Electricians, Motor Repairs, Armature Winding.
Baldwin & Copeland, 16 Yale av.....Bergen 968

Greenhouses.
Lutton Wm H Company, 262 Kearney av..Bergen 2416

Hat Mnfrs.—Fur, Wool & Straw Hats.
Excelsior Hat Works, 275, 15th.....Montgomery 749

Hose Clamps.
Han-D Metal Products Corp, 683-5 Communipaw av .....Bergen 1343

Imprint Pencils.
Pencil Exchange, 67-73 Fleet.....Montgomery 3473

Iron Cements for Boilers, Steam Pipes, Castings.
Smooth-On Mfg Co, 572 Communipaw av...Bergen 76

Lead Pencil Manufacturers.
Pencil Exchange, 67-73 Fleet.....Montgomery 3473

Macaroni, Vermicelli & Fancy Paste.
De Martini Macaroni Co Inc The, 230-250 Orient av .....Bergen 4500

Machinists.
Jersey City Machine Co, 113-115 Plymouth .....Montgomery 309
Maydrite Products Mfg Co, Bergen and Kearney avs .....Bergen 4884

Machinists—Designers & Builders of Dies & Tools.
Hudson Metal Mfg Co Inc, 141 R R av cor Barrow .....Montgomery 3788

Metal Goods Manufacturers, also Chandelier Parts.
Gothberg H & E Mfg Co, 139-141 Cator av.Bergen 5572

Metal Mfrs, Spinning, Stamping, Polishing, Plating.
Hudson Metal Mfg Co Inc, 141 R R av cor Barrow .....Montgomery 3788

Metal Tanks.
Koven L O & Bro, 154 Ogden av.....Webster 4052

Metals—New & Old—Copper Bearing Material.
Simon & Krivit, 16-18 Brooks.....Montgomery 3240

Metals, New and Old—Smelters and Refiners.
Leveson S, 13-15 Centre.....Montgomery 2684

Metals Perforated.
Mundt Chas & Sons, 55 Fairmount av.....Bergen 1299

Mica for all Purposes.
Meirowsky Brothers, 106-108 Broadway...Bergen 2408

Modeling Materials.
Chavant Mfg Co The (Plasteline), Rutgers and McAdoo avs.....Bergen 3621

Models, Miniature Bldgs. (Realty Co's & Display Ads).
Barnes Mazie A, 37 Emory.....Bergen 1789

JERSEY CITY—continued

Office and Advertising Pencils.
Pencil Exchange, 67-73 Fleet.....Montgomery 3473

Oils.
United Chemical Products Corporation, York & Colgate .....Montgomery 3252

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, Van Wagenan av..Bergen 1586
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Packers and Shippers.
Stewart Thomas J Co The, Erie & Fifth .....Montgomery 3400

Paints.
Woolsey C A Paint & Color Co, 500 Grand .....Montgomery 1766

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 54 Hudson....Jersey City 589

Pattern Makers.
Thomson Alexander & Sons, 81-83 Sussex .....Montgomery 1708

Pencil Manufacturers.
Pencil Exchange, 67-73 Fleet.....Montgomery 3473

Perforated Metals.
Mundt Chas & Sons, 55 Fairmount av....Bergen 1299

Printers.
Jersey City Printing Co The, 160 Maple..Bergen 4800

Proprietary Medicines.
Reed & Carnrick, 42-46 Germania av..Montgomery 398

Putty Mfrs.
Baker William T Inc, 220 Suydam av.....Bergen 1083

Roofing—Asphalt Roofing.
Stowell Mfg Co, 240-280 Culver av.....Bergen 53

Roofing Corrugated, Iron Work, Fire Door, Vents.
Schreck & Waelty, 27 Hague.....Webster 4070

Screens.
Mundt Chas & Sons, 55 Fairmount av.....Bergen 1299

Sheet Metal, Skylights, Fire Doors, Ventilators.
Schreck & Waelty, 27 Hague.....Webster 4070

Sheet Metal Workers.
Koven L O & Bro, 154 Ogden av.....Webster 4052

Soldering Fluid—Non-Corrosive.
Alfred Spice Process, 26 Florence.....Bergen 4737

Stamping, Drawing, Spinning, Polishing & Plating.
Hudson Metal Mfg Co Inc, 141 R R av cor Barrow .....Montgomery 3788

Steel Sash Putty Mfrs.
Baker William T Inc, 220 Suydam av....Bergen 1083

Surety Bonds.
National Surety Company (P E Wiles, Manager Hudson & Bergen Counties), 15 Exchange pl.....Montgomery 4147

Tools, Dies, Jigs, Fixtures, Stamping & Drawing.
Hudson Metal Mfg Co Inc, 141 R R av cor Barrow .....Montgomery 3788

Typewriters, all Makes, Rebuilt.
Dobke Typewriter Exchange, 40 Montgomery .....Montgomery 785

Varnishes.
Woolsey C A Paint & Color Co, 500 Grand .....Montgomery 1766

Welders.
Davis-Bournonville Co, Van Wagenan av..Bergen 1586
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Welding Apparatus.
Davis-Bournonville Co, Van Wagenan av..Bergen 1586
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Welding, Heavy Parts, Thermit Welding Apparatus.
Goldschmidt Thermit Co, 92 Bishop.....Bergen 5100

KEARNY

Hides, Tallow and Dead Animals.
Schwarz Bros Co, 1100 Harrison av.....Harrison 2210

LINCOLN

Contractors' Equipment.
Industrial Service Co.....Bound Brook 437

Contractors Storage Yards.
Industrial Service Co.....Bound Brook 437

LODI

Bleaching, Mercerizing and Finishing.
Millbank Bleachery, Millbank st.....Passaic 420

Dyers, Printers & Finishers.
United Piece Dye Works.....Passaic 1802

MADISON

Florists.
Totty Charles H, Ridgedale av.....Madison 369

NEW BRUNSWICK

Buttons (Mnfrs.) Vegetable Ivory.
Janeway Button Co, cor Guilden & Cortlandt .....New Brunswick 700

Carbon Paper—Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Carbon Paper & Typewriter Ribbon Machinery—Mnfrs.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Collapsible Tubes, Plain & Decorated.
Consolidated Fruit Jar Co, 62 Water .....New Brunswick 41

Duplicators.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Export Merchants.
Bond George A & Co, 46 French...New Brunswick 1616

Inks, Duplicator—Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Knitting Machine Needles.
Ives Loyal T Co The, 19-21 Water.New Brunswick 396
Potter Fred J & Co, Somerset....New Brunswick 926

Knitting Machine Sinkers.
New Brunswick Needle Co, 10 Dennis.....New Brunswick 1310

Knitting Machines, Needles, (Spring Beard).
New Brunswick Needle Co, 10 Dennis .....New Brunswick 1310

Lumber.
Rolfe Building Materials Co, 181 Burnet .....New Brunswick 660

Mechanical Stop Motions.
Crawford Mfg Co The, 10 Dennis..New Brunswick 603

Multigraph Ribbons—Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Pen Carbon Letter and Bill Books, Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Piston Rings.
Wasson Piston Ring Co, Jersey av.New Brunswick 921

Stencil Papers, Duplicator—Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

Tires for Motor Trucks.
Indian Tire & Rubber Co, 320 Commercial av .....New Brunswick 1392

Typewriter Ribbons—Manufacturers.
Pen Carbon Manifold Co, 65 Mine..New Brunswick 546

NEWARK

Accountants.
Clark Earl S Co, 207 Market.....Market 4467

Acid Proof Castings.
Acid Proof Iron Products Company The, 49 Hermon .....Mulberry 1156

Addressing Machines.
Addressograph Co (W R Rockhold Dist Mgr), Ordway bldg .....Mulberry 3561
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Alloy Mfrs. and Refiners.
General Alloy Co The, 117 Walnut.....Market 2617

Aluminum Goods.
American Aluminum Ware Co, 380 Jelliff av .....Waverly 983

Appraisers.
Thompson-Fletcher Incorporated, 207 Market .....Market 4467

Armored Cable and Flexible Steel Conduits.
American Metal Moulding Co, 141 N J R R av.....Market 9809

Autographic Registers & Roll Printers.
Egry Register Co The (H Gardner, Sales Agt), 224 Market.....Market 9486

Automobile Accessories.
Alcemo Mfg Co (Kor-Ker Puncture Cure), 12 Bridge .....Mulberry 3393

Babbitt Metals.
Union Smelting & Refining Co Inc, St Charles and Av L.....Market 888
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Bags, Jute Flour and Cotton Bags.
Yeskel A & Son, 9-11 Peshine av.....Waverly 2773

Bath Room Fixtures.
Searls Mfg Co, 27 Mulberry.....Mulberry 249

Belting.
Alexander Bros Leather Belting (Ludlow & Squier), 97 Market.....Mulberry 2230
Rossendale-Reddaway Belting & Hose Co The, 32 Euclid av .....Mulberry 1410

Belting Woven.
Rossendale-Reddaway Belting & Hose Co The, 32 Euclid av.....Mulberry 1410

Bonas, Guarantee.
National Surety Company (Franklin M Wolf, State mgr), Prudential bldg.....Market 4921

Bonds Surety.
National Surety Company (Franklin M Wolf, State mgr), Prudential bldg.....Market 4921

Brass Checks & Burning Brands.
Universal Stamp Works (J H Van Court Prop) 252 Market.....Mulberry 2441

Burglary Insurance.
National Surety Company (Franklin M Wolf, State mgr), Prudential bldg.....Market 4921

Cans.
American Can Co, Johnson & McWhorter.Mulberry 105

Carburetor Adjusters (Dash & Post).
Breeze Manufacturing Company The, 248-250 South .....Market 4734

Cast Iron Pipe.
Central Foundry Company The, Ft of Lockwood .....Market 6510
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Casters—For Every Purpose.
Universal Caster & Foundry Works (Div of The Bassick Co), 574-600 Ferry...Market 6676

Castings, Gray Iron.
Central Foundry Company The, Ft of Lockwood .....Market 6510
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Chemicals.
Seidler Alexander Co, 13 Ward.....Market 8631

Consulting Engineers.
Thompson-Fletcher Incorporated, 207 Market .....Market 4467

Containers, Waterproofed Paper Cups & Tubs.
Mono-Service Company, Verona av and Oraton .....Branch Brook 4300
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Moore Saml W & Sons Inc, 24 Scott.....Market 278

Copper Deposit Products.
Deposited Metal Products Co, 65 Bridge...Market 2574

Cork Composition Specialties.
Imperial Stopper Co, 48 Spring....Branch Brook 1862

Corporation Seals & Date Stamps.
Universal Stamp Works (J H Van Court Prop) 252 Market.....Mulberry 2441

Cottage Cheese Containers.
Mono-Service Company, Verona av and Oraton .....Branch Brook 4300
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Moore Saml W & Sons Inc, 24 Scott.....Market 278

Cotton Waste & Cheese Cloth.
Tyndall Frank, 40 Clinton .....Mulberry 1342

Cups, Waterproofed Paper.
Mono-Service Company, Verona av and Oraton .....Branch Brook 4300
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Dairy, Creamery & Milk Dealers' Supplies.
Mono-Service Company, Verona av and Oraton .....Branch Brook 4300
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Delicatessen Supplies, Waterproofed Containers.
Mono-Service Company, Verona av and Oraton .....Branch Brook 4300
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Detective Agencies.
National Detective Agency The, 222 Union bldg .....Mulberry 3239

Draw Plates, Beading Plates and Small Tools.
Kienzle & Hahn, 54 E Kinney.....Market 2249-J

Electric Fans.
Agens & Co, 219 Market.....Mulberry 144

Electric Motors and Generators.
Crocker-Wheeler Company, 27 Clinton...Mulberry 2841

Electrical Machinery.
Venino Bros & Co, 65 Hamilton.....Market 5406

Electrical Supplies.
Agens & Co, 219 Market.....Mulberry 144

Electro Platers.
Merigold Electro Plating Co Inc, 97 Chestnut ..... Market 7277

Elevating Trucks.
Lewis-Shepard Company (The Fairbanks Co, Agts) 90 Academy.....Market 4982

Embossing Dies & Plates.
Standard Embossing Plate Mfg Co, 57 Branford .....Waverly 4009

Engineers, Industrial.
Clark Earl S Co, 207 Market.....Market 4467

Exterminator of Roaches.
Kaas Louis A, 40 Elm .....Waverly 6777

Fibre Containers.
American Can Co, Johnson & McWhorter.Mulberry 105

Files, Rotary, Spark Metal, Special Mechanics Files.
Parkes File Co The, 117-121 Verona av .....Branch Brook 3419

Fire Department Supplies.
Wheaton A W Brass Works, Walnut and N J R R av.....Market 4496

Flexible Arms.
Breeze Manufacturing Company The, 248-250 South .....Market 4734

Flexible Metal Hose.
Breeze Manufacturing Company The, 248-250 South .....Market 4734

Flexible Oil Conveyors.
Breeze Manufacturing Company The, 248-250 South .....Market 4734

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Central Foundry Co The, Ft of Lockwood..Market 6510
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Calculating Machines.
Monroe Calculating Machine Co, 49 Mitchell .....Orange 4389
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NEW MEXICO

NEW MEXICO

Land area	122,503
Water area	131
Population (Estimated)	416,966
White	304,594
Negro	1,628
All others	21,079
Foreign-born white (U. S. Census 1910)	22,654
Native white	281,940
Male	175,245
Female	152,056

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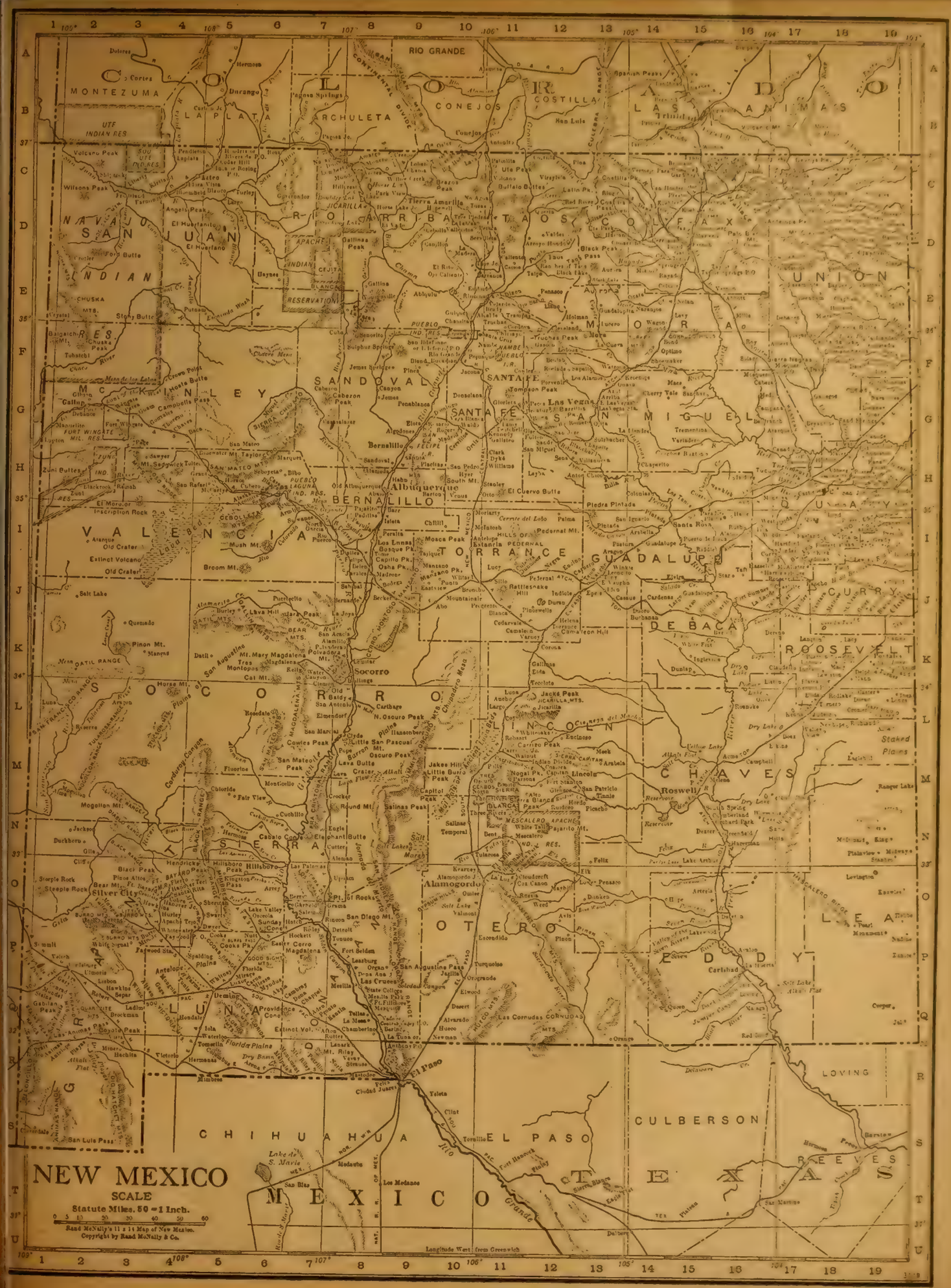
NEW MEXICO
SCALE
Statute Miles. 50 = 1 Inch.
Rand McNally's 11 x 14 Map of New Mexico.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
RIO GRANDE
MONTEZUMA
LA PLATA
ARCHULETA
CONEJOS
COSTILLA
LAS ANIMAS
SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
MORA
MCKINLEY
SANDOVAL
SANTA FE
SAN MIGUEL
QUAY
VALENCIA
BERNALILLO
TORRANCE
GUADALUPE
CURRY
DE BACA
ROOSEVELT
SOCORRO
LINCOLN
CHAVES
SIERRA
OTERO
EDDY
LEA
LUNA
DONA ANA
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EL PASO
HUDSPETH
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Carlsbad
Socorro
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Clayton
Raton
Farmington
Durango
Cortez
Gallup
Deming
Las Cruces
Lake Arthur
Tularosa
Mescalero
Jicarilla
Navajo
Ute
Pueblo
Apache
Indian
Staked Plains
Rio Grande
Pecos
Canadian
Gila
San Juan
Chama
Mimbres
Lake de S. Maria
Los Medanos
Longitude West from Greenwich

NEW YORK
SCALE
Statute Miles, 33½=1 Inch.
Longitude West from Greenwich
LAKE ONTARIO
LAKE ERIE
CONNECTICUT
LONG ISLAND
ATLANTIC OCEAN
QUEBEC
BUFFALO
Coudersport
Montrose
SUSQUEHANNA
WAYNE
TIOGA
Towanda

NEW YORK

NEW YORK

Land area		47,654
Water area		1,550
Population	(Estimated)	10,366,778
White	(U. S. Census 1910)	8,966,845
Negro		134,191
All others		12,578
Foreign-born white		2,729,272
Native white		6,237,573
Male		4,584,597
Female		4,529,017

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2 Geneseo .....G 6
14 Geneva .....G 8
4 Glen Cove .....C 4
17 Glens Falls ....F 19
22 Gloversville ....F 16
4 Goshen .....B 2
4 Gouverneur ....C 14
3 Gowanda .....H 3
4 Granville .....E 19
4 Greenport .....B 8
2 Greenwich .....F 19
3 Hamburg .....G 3
2 Hamilton .....G 13
5 Haverstraw ....B 3
6 Hempstead ....D 5
10 Herkimer .....F 15
2 Hicksville .....D 5
3 Highland Falls .B 3
2 Holley .....F 5
3 Homer .....H 11
6 Hoosick Falls ..G 19
15 Hornell .....I 7
2 Horseheads .....I 9
13 Hudson .....I 18
6 Hudson Falls ...F 19
5 Huntington ....C 5
9 Ilion .....G 14
2 Irvington .....C 4
2 Islip .....D 6
16 Ithaca .....H 10
37 Jamestown .....I 2
11 Johnstown .....F 17
2 Keeseville .....B 19
27 Kingston .....J 17
16 Lackawanna ...G 3
5 Lancaster .....G 4
2 Larchmont ....C 4
2 LaSalle .....F 3
4 Le Roy .....G 6
5 Lestershire ....J 12
2 Liberty .....A 1
14 Little Falls ....F 15
20 Lockport .....F 3
3 Lowville .....D 13
3 Lynbrook .....D 4
5 Lyons .....F 9
7 Malone .....A 17
7 Mamaroneck ...C 4
5 Massena .....A 15
7 Mechanicsville ..G 18
6 Medina .....F 4
16 Middletown ....B 2
2 Mineola .....D 4
2 Mineville .....C 19
3 Mohawk .....G 14
3 Mount Kisco ...B 4
4 Mount Morris ..H 6
37 Mount Vernon ..C 4
7 Newark .....F 8
30 Newburgh .....A 3
38 New Rochelle ..C 4
5603 New York ...D 3
576 Bronx
1928 Brooklyn
2634 Manhattan
366 Queens
98 Richmond
3 New York Mills..F 14
37 Niagara Falls ...F 2
3 Northport .....C 5
14 North Tonawanda .....F 3
8 Norwich .....H 13
2 Norwood .....A 14
4 Nyack .....C 3
17 Ogdensburg ....A 13
17 Olean .....I 4
9 Oneida .....F 13
11 Oneonta .....H 14
14 Ossining .....B 4
24 Oswego .....E 10
5 Owego .....I 11
2 Oyster Bay ....C 5
5 Patchogue .....D 6
16 Peekskill .....B 3
5 Penn Yan .....H 8
5 Perry .....G 5
13 Plattsburg ....A 19
16 Port Chester ...C 4
3 Port Henry ....C 19
10 Port Jervis ....B 1
2 Port Washington C 4
30 Poughkeepsie ..A 3
4 Potsdam .....B 15
2 Pulaski .....E 11
3 Randolph .....I 3
11 Rensselaer .....H 19
3 Riverhead .....C 7
256 Rochester ....F 6
5 Rockville Center.D 4
24 Rome .....F 13
2 Rouses Point ...A 19
5 Rye .....C 4
8 Salamanca .....I 4
4 Saranac Lake ...C 18
14 Saratoga Springs F 18
5 Saugerties .....I 18
2 Sayville .....D 6
100 Schenectady ..G 18
2 Sea Cliff .....C 4
7 Seneca Falls ...G 9
3 Sidney .....I 13
3 Silver Creek ...H 2
2 Skaneateles ....G 10
2 Sodus .....F 8
6 Solvay .....G 11
3 Southampton ..C 8
2 Spring Valley ..C 3
3 Springville ....H 3
3 St. Johnsville ..G 16
3 Suffern .....C 3
156 Syracuse .....G 11
6 Tarrytown .....C 4
3 Ticonderoga ...D 19
9 Tonawanda ....F 3
78 Troy .....G 19
4 Tupper Lake ...C 17
2 Union .....I 11
86 Utica .....F 14
2 Verplanck .....B 3
4 Walden .....A 2
4 Walton .....I 14
4 Wappingers FallsA 3
3 Warsaw .....G 5
3 Warwick .....B 2
3 Waterford .....G 19
4 Waterloo .....G 9
30 Watertown ....D 12
16 Watervliet .....G 18
3 Watkins .....H 9
5 Waverly .....J 10
5 Wellsville .....I 6
3 Westfield .....H 1
5 Whitehall .....E 19
23 White Plains ...C 4
3 Whitesboro ....F 14
100 Yonkers .....C 3

ALBANY

Adding Machines.

Monroe Calculating Machine Co, Arkay bldg. Main 1569
See our Catalog Space, page 905

Asphalt.

Barber Asphalt Paving Co The (Trinidad and Bermudez), 36 State.....Main 5668

Autographic Registers & Roll Printers.

Egry Register Co The (E A Catchpole, Sales Agt), 636 Broadway.....Main 388

Automobile Bodies.

Kingsbury-Leahy Co, 131-133 Hudson av...Main 1519

Belt Dressing.

Stephenson Mfg Co, 2nd av and Beekman...Main 2166

Calculating Machines.

Monroe Calculating Machine Co, Arkay bldg. Main 1569
See our Catalog Space, page 905

Carbonic Acid Gas.

General Carbonic Co, Bridge.....Main 503

Commercial Photographers.

Glenn J A, 76 Columbia.....Main 3027

Dumb Waiters.

Albany Hardware & Iron Co (Sedgwick Machine Works Inc), 39-43 State.....Main 1900
See our Catalog Space, page 943

Electrical Supplies and Lighting Fixtures.

Electric Supply & Equipment Co The Inc, 278-84 Broadway.....Main 381

Lantern Slides.

Glenn J A, 76 Columbia.....Main 3027

Lawyers.

Hubbard Lester T, Arkay bldg.....Main 531-J

Machine Tools—New—Rebuilt.

Simmons Machine Co Inc, 981 Bway.....Main 4876
See our Catalog Space, page 974

Machinery—New—Rebuilt.

Simmons Machine Co Inc, 981 Bway.....Main 4876
See our Catalog Space, page 974

Manufacturers Agents.

Hotaling G F Co Inc, Waldorf bldg.....Main 4196

Merchandise Brokers.

Hotaling G F Co Inc, Waldorf bldg.....Main 4196

Packing, Rod, Sheet & Hydraulic.

Endura Mfg Co (Albany Hardware & Iron Co), (For Oils, Alkalies & Benzol Products), 41 State.....Main 1900

Paints (Manufacturers).

Proctor & Dow, 30 Grand.....Main 679

Power Specialists.

Utilities Engineering Co Inc (Agents for Electrical, Steam, Hydraulic Machinery), 102 Hamilton.....Main 2976

Saws (Manufacturers).

Decker E F Saw Wks, Franklin and Westerlo.....Main 15-J

Weather Strips.

Monarch Metal Weather Strip Co The (W L Fitts, Co, Distributors), Humphrey bldg.....Main 4072
See our Catalog Space, page 1023

AMSTERDAM

Broom Machinery.

Johnson C P, 111 W Main.....Amsterdam 1027-M

Broom Manufacturers.

American Broom & Brush Co (Brooms, Whisks, Jobbers, Broomcorn and Supplies), 21-27 Walnut.....Amsterdam 533

Textile Machinery for Silk Mills.

Perkins Foundry Co Inc, 46 Bridge...Amsterdam 698

AUBURN

Drop Forgings.

Clapp E D Mfg Co The (Automobile, Carriage, Aeroplane and Special Forgings), 305 Genesee.....Auburn 187

Forgings, Drop.

Clapp E D Mfg Co The (Automobile, Carriage, Aeroplane and Special Forgings), 305 Genesee.....Auburn 187

Grease Cups.

Bowen Mfg Co, Canal st.....Auburn 56

Oil Cups.

Bowen Mfg Co, Canal st.....Auburn 56

Spark Plugs.

Auburn Ignition Manufacturing Co, 3 Franklin.....Auburn 1190-W

BELVIDERE

Last Block Mnfrs.—Rough Turned, Air Dried, Kiln Dried

Seger-Prindle Mfg Co The.....Belmont 9-F-4

BINGHAMTON

Automobile Sheet Metal Parts.

Hotckiss Lock Metal Form Co, 16 Jarvis.....Binghamton 1430

Boiler Compound.

Binghamton Boiler Compound Co, 330 Water.....Binghamton 1248-W

Can Certoriums and Sanitariums.

Binghamton CanCertorium & Sanitarium, 254-256 Conklin av..Binghamton 1062-J

Collecting Agencies.

National Mercantile Agencies The, Security Mutual bldg.....Binghamton 1226-J

BINGHAMTON—cont'd

Grass & Field Seeds.
Craver-Dickinson Seed Co The, 1 George ..... Binghamton 67

Lawyers.
Babcock Augustus, O'Neil bldg.... Binghamton 1968-J

Manufacturers Agents.
Hotaling G F Co Inc, Kilmer Press bldg ..... Binghamton 644

Motor Truck Dashes.
Hotckiss Lock Metal Form Co, 16 Jarvis ..... Binghamton 1430

Poultry Feed.
Craver-Dickinson Seed Co The, 1 George ..... Binghamton 67

Seeds.
Craver-Dickinson Seed Co The, 1 George ..... Binghamton 67

Sheet Metal Work (Heavy).
Hotckiss Lock Metal Form Co, 16 Jarvis ..... Binghamton 1430

Water Supply Systems.
Millar Chas & Son Co (Leader Iron Wks), 36 Susquehanna ..... Binghamton 3366

Weather Strips.
Niagara Metal Weather Strip Co (J R Garrett), Security bldg ..... Binghamton 2764-J

BROOKLYN
See New York City

BUFFALO

Accountants.
Helman R S, 15 W Swan..... Seneca 916

Accountants, Certified, Public.
Ernst & Ernst, Prudential bldg..... Seneca 1113

Adding Machines.
Monroe Calculating Machine Co, Ellicott sq bldg ..... Seneca 571
See our Catalog Space, page 905

Addressing Companies.
Buffalo Advertising Service Inc, Coal & Iron Exchange bldg..... Seneca 3000
Millar F G, "The Letter Man" 18½ East Swan ..... Seneca 5958

Addressing Machines.
Addressograph Co (B F Garvin Dist Mgr), 451 Ellicott Sq ..... Tupper 984-W
See our Catalog Space, page 907
Dick Mailer, The Robert, 137 W Tupper. Tupper 325
Stickney & Montague Direx-all (Eaton Bros Co Inc), 329-331 Wash..... Seneca 4912

Advertising.
Wallen James (Advertising adviser. A National reputation for distinguished advertising copy), 186 W Chippewa..... Tupper 5817

Advertising Agents.
Moss-Chase Co The, Niagara Life bldg ..... Bell-Seneca 2185 Federal 22-804
Porter De Forest Advertising Service, Root bldg, 70 W Chippewa..... Seneca 4680

Advertising, Classified Telephone Directory.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Niagara Life bldg ..... Seneca 26

Advertising Novelties.
Art Work Shop, 445 Ellicott..... Seneca 4207
See our Catalog Space, page 910

Advertising Novelties in Leather Goods.
Art Work Shop The, 445 Ellicott..... Seneca 4207
See our Catalog Space, page 910

Advertising Signs—All Descriptions.
Eyring Julius J (Metal, Fibre, Celluloid, Indoor and Outdoor Advertising Signs. Any Kind, Any Quantity), Niagara Life bldg.... Seneca 5957

Advertising Specialties.
Offerman F J Art Works, 299 Broadway ..... Bell-Howard 449 Federal 24-327

Aeroplanes.
Curtiss Aeroplane & Motor Corp, 2000 Elmwood ..... North 5400

Appraisal Engineers.
Ellsworth, Barrows & Reeves (Valuation of Public Utilities, Industrial Properties), 50-52 W Eagle ..... Seneca 717

Appraisers.
American Appraisal Co The (H D Clifton) 588 Parkside av..... Crescent 1509-W

Art Leather.
Cordova Shops Inc The, 237 Elm..... Seneca 4719

Artificial Limbs.
Fuller Geo R Co, 141 Ellicott..... Seneca 3873-J

Ash Hoists—Disappearing.
Ernst Chas K, 1003 E Ferry..... Oxford 2240-W

Asphalt.
Barber Asphalt Paving Co The (Trinidad and Bermudez), cor E Delevan & Fillmore avs ..... Oxford 273

Autographic Registers and Roll Printers.
Egry Register Co The (J F Huber, Sales Agt), 128 Fargo av..... Tupper 2057-M

Automobile and Limousine Hardware, Interior.
Art Work Shop The, 445 Ellicott..... Seneca 4207
See our Catalog Space, page 910

Automobile Oils.
Indian Refining Co (Havoline Oil) Bell-Howard 2359
Person and West Shore R R..... Federal 53004
See our Catalog Space, page 917

Automobile Toilet Cases and Flower Holders.
Art Work Shop The, 445 Ellicott..... Seneca 4207
See our Catalog Space, page 910

Automobile Truck Mnfrs.
Atterbury Motor Car Co (Manufacturers of worm drive auto trucks) Elmwood & Hertel.. North 5202

Automobile Wheels.
Houk Manufacturing Co, 1700 Elmwood av. North 4380

Bags (Manufacturers)—All Kinds.
Buffalo Bag Co, 175 Rano..... North 5261

Bags—Second Hand.
Erie Bag and Burlap Co, 20 Grey ..... Bell-Howard 1525-W Federal 38-877
Iroquois Bag Co, 467 Howard ..... Bell-Howard 434 Federal 23-570

Baling Presses.
Loeser W L Co The, Wasson st..... Howard 443

Ball Bearings for Power Transmission.
Transmission Ball Bearing Co, 1050 Military rd ..... North 4786
See our Catalog Space, page 920

Banks.
Manufacturers & Traders National Bank (Resources over fifty millions. Sixty years of co-operation. Information cheerfully supplied), 272 Main..... Seneca 5123
Marine National Bank, Main and Seneca... Seneca 2351

Bars for Re-Inforced Concrete.
Corrugated Bar Co, Mutual Life bldg..... Seneca 4310

Belt Dressing.
Cling Surface Co, 1032-48 Niagara..... North 772

Belting.
Alexander Bros Leather Belting (Hendee Connor Co), 64 Pearl..... Seneca 2742

Belting, Leather.
Detroit Oak Belting Co (Peerless Mill Supply Co), 25 Terrace..... Seneca 4785

Blowers and Fans, Manufactured and Installed.
Bicalky Fan Co, 866 Prospect av..... Tupper 5164-J

Boats.—Motor Boats, Launches, Etc.
Elliott George F, 1888-1892 Niagara.... North 2003-W

Boiler Tube Cleaners.
Crowell's, 61 Terrace..... Seneca 1764-J

Bottle Packing.
Excelsior Supply Co, 16 Carroll..... Seneca 193

Box Shooks.
Chicago Mill & Lumber Co (J E Gillett Mgr), Brisbane bldg ..... Seneca 3244

Boxes Mfrs. Corrugated and Fibre.
Buffalo Box Factory, 365 Babcock..... Howard 95
Buffalo Corrugated Container Co, 25 Imson. Abbott 157-W

Boxes, Wire Bound.
Chicago Mill & Lumber Co (J E Gillett Mgr), Brisbane bldg ..... Seneca 3244

Buffing Machines, Automatic.
Automatic Buffing Machine Co, 56-58 Indiana ..... Seneca 1700

Burlap and Burlap Bags.
Buffalo Burlap Co Inc, 57-59 Adams.... Howard 2291

Calculating Machines.
Monroe Calculating Machine Co, Ellicott Sq bldg ..... Seneca 571
See our Catalog Space, page 905

Calendars.
Buffalo Art Mfg Co Inc, 700 Main..... Tupper 5952-J
Offermann F J Art Works, 299 Broadway ..... Bell-Howard 499 Federal 24-327

Can Filling Machinery.
Crandall Can Filler Machine Co, 1890 Niagara ..... North 3108-W

Cans.
American Can Co, Marine Bank bldg..... Seneca 819

Cans, Paper or Fibre.
St Louis Paper Can & Tube Co (B H Westcott), Ellicott sq..... Seneca 4925
See our Catalog Space, page 928

Car-Tracing.
Buffalo Traffic Bureau (Personal Tracing, Freight, Express, Any Territory), Ellicott Sq ..... Seneca 3249-R

Carbonic Acid Gas.
General Carbonic Co, 879 Seneca..... Howard 192

Carburetors.
Mayer Carburetor Co, 2673 Main.....Crescent 666-W

Carpenter Contractors.
Forrest Chas, 46 E Mohawk.....Seneca 4596

Castings—Acid—Resistant.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Castings: Acid Resisting & Grey Iron.
United States Cast Iron Pipe & Foundry Co, 957 East Ferry st.....Oxford 239

Castings, Chemical.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Castings, Gray Iron.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Castings Steel.
Atlas Steel Casting Co, 1968 Elmwood....North 2273

Caustic Pots.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Celluloid Buttons and Mirrors.
Offermann F J Art Works, 299 Broadway .....Bell-Howard 449 Federal 24-327

Cement Mnfrs.
Lehigh Portland Cement Co, Prudential bldg .....Seneca 720
Phoenix Portland Cement Co (Hercules Waterproof Cement Co), Mutual Life bldg...Seneca 313

Chain and Sprocket Mnfrs. Roller & Bushing Chain.
Union Chain & Mfg Co The (R F Mosedale, Rep), Marine Bank bldg.....Seneca 1775

Chemical Apparatus.
Buffalo Foundry & Machine Co, 25 Winchester av.....Oxford 40

Chemists Analytical and Consulting.
Niagara Frontier Laboratory, 194 Main..Seneca 1218-W

Chemists & Assayers.
Hill Herbert M, 20 W Eagle.....Seneca 5136

Circular Letters.
Buffalo Advertising Service Inc, Coal & Iron Exchange bldg.....Seneca 3000
Gillar F G, "The Letter Man", 18½ E Swan .....Seneca 5958

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The (J I Murray, Rep), 54 Wellington road .....Crescent 2040

Clocks, Watchman's.
Brack Charles E, Mutual Life bldg.....Seneca 75

Coal, Wholesale.
Seneca Coal Mining Co, Prudential bldg...Seneca 5393

Collecting Agencies.
Carlock L M Mercantile Agcy The, 238 High .....Tupper 5658-J

Columns: Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 957 E Ferry st.....Oxford 239

Commercial Photographers.
Commercial Color Photo Co (Manufacturers, Wholesalers, Travelers Samples in Colors), 72 E Genesee .....Seneca 844-R
Schaefer Al H, 838 Michigan av.....Tupper 1769-W

Concrete Mixers.
Koehring Maching Company (H B Trevor Co) 989 Elmwood av.....North 2218
Niagara Concrete Mixer Co, 40 Pearl.....Seneca 4132

Concrete Re-Inforcing Bars & Mesh.
Corrugated Bar Co, Mutual Life bldg.....Seneca 4310

Condensers—Barometric.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Condensers—Surface.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Containers, Corrugated & Fibre.
Chicago Mill & Lumber Co (J E Gillett Mgr), Brisbane bldg .....Seneca 3244

Contractors.
Harrison Eng & Construction Corp, Morgan bldg .....Seneca 2618

Contractors & Builders.
Forrest Chas, 46 E Mohawk.....Seneca 4596

Contractors, General.
Chesley, Earl & Heimbach Inc, 20 Breckenridge .....North 880

Contractors Machinery.
Niagara Concrete Mixer Co, 40 Pearl.....Seneca 4132

Cooperage and Cooperage Stock.
Pennypacker Wm G Jr, Mutual Life bldg.Seneca 4238-W

Cranes.
Northern Engineering Works (Homer Strong) Ellicott Sq .....Seneca 5249

Culverts: Cast Iron.
United States Cast Iron Pipe & Foundry Co, 957 E Ferry st.....Oxford 239

Cut Glass Mnfrs.
Didio Bros Cut Glass Co (High Class Light-Cutting Our Specialty), 323 N Division..Seneca 4428-W

Cutlery—Mnfrs.
Buffalo Knife Co, 700 Main.....Tupper 282

Dental Gold Manufacturers.
Williams Gold Refining Co, 2978 Main..Crescent 1382

Detective Agencies.
Burns Wm J International Detective Agency The Inc, White bldg.....Bell-Seneca 3134 Federal 23-851
See our Catalog Space, page 938
Gilmore H A Detective Bureau The, White bldg.....Seneca 1722

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Niagara Life bldg.....Seneca 26

Distributing Agents.
Vieregg Advertising Service, (Special deliveries to Druggists & Professionals) 51 Franklin .....Seneca 926-W

Drop Forgings.
Buffalo Drop Forge Co, 53-59 Carroll.....Seneca 2174
General Drop Forge Co, 1738 Elmwood av.North 274

Drug Importers & Exporters.
Lathrop H R & Co Inc (W H F Tenny), Coal & Iron Exchange.....Seneca 1945-W

Drum Dryers—Atmospheric.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Drum Dryers—Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Dryers—Milk.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Dryers—Rubber.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Dryers—Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Dumb Waiters.
Buffalo Wholesale Hardware Co (Sedgwick Machine Works Inc), 317 Washington.Seneca 4700
See our Catalog Space, page 943
Wallbridge & Co (Sedgwick Machine Works Inc), 392 Main.....Seneca 5170
See our Catalog Space, page 943

Dust Collectors Manufactured and Installed.
Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

Elastic Hosiery.
Fuller Geo R Co, 141 Ellicott.....Seneca 3873-J

Elastic Hosiery and Supporters—Mnfrs.
Robinson C E Co 221 Franklin.....Tupper 1203-J

Electric Motors & Generators, New and Used.
Dotterweich A J Co Inc, 285 Washington.Seneca 1077-J

Electrical Apparatus.
Pittsburgh Transformer Co, Electric bldg...Seneca 4194

Electrical Repair Shops.
Heilman Fred R Motor Works, 444 Niagara .....Tupper 845

Elevating Trucks.
Lewis-Shepard Company (Power City Supply Co, Agts), Prudential bldg.....Seneca 3029

Elevators—Cellar Window.
Ernst Chas K, 1003 E Ferry.....Oxford 2240-W

Elevators—Sidewalk.
Ernst Chas K, 1003 E Ferry.....Oxford 2240-W

Embroidery.
Eastman W C, 223 Delaware.....Seneca 1373-J

Enameled Iron Signs Mfrs.—Porcelain.
Ingram-Richardson Mfg Co, Ellicott Sq...Federal 1829

Engine and Boiler Appliances—Manufacturers.
Sherwood Man'fg Co, 1710 Elmwood av....North 2603

Engineers Consulting.
Cundall & Powell, 80 W Genesee.....Seneca 721

Engineers—Consulting and Mechanical.
Dollar W M, Marine Bank bldg.....Seneca 1733-W

Engineers—Reinforced Concrete & Grain Elevators.
Monarch Engineering Co, Chamber of Commerce bldg .....Seneca 3012

Engravers—Relief Engraving.
Turner & Porter Inc, 49 W Swan.....Seneca 1715

Envelopes.
Niagara Envelope Manufactory, 567 Washington .....Seneca 308

Evaporators.
Zaremba Company, Morgan bldg.....Seneca 684

BUFFALO—continued

Evaporators (Single and Multiple).
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Evaporators—Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Excelsior.
Excelsior Supply Co, 16 Carroll ..... Seneca 193

Fac Simile Typewritten Letters.
Buffalo Advertising Service Inc, Coal & Iron Exchange bldg ..... Seneca 3000

Fans and Blowers Manufactured and Installed.
Bicalky Fan Co, 866 Prospect av ..... Tupper 5164-J

Fibre Containers.
American Can Co, Marine Bank bldg ..... Seneca 819

Fire Brick.
Hall & Sons Inc, 69 Tonawanda ..... North 66

Fire Brick, Silica, Magnesite and Chrome.
Harbison-Walker Refractories Co, Marine National Bank bldg ..... Seneca 4294

Fireproof Building Materials.
General Fireproofing Co The, Ellicott Square bldg ..... Seneca 1092

Fireproof Buildings, Engineers and Contractors.
Monarch Engineering Co, Chamber of Commerce bldg ..... Seneca 3012

Fittings: Cast Iron, B & S, Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 957 E Ferry ..... Oxford 239

Flavoring Extracts.
Pickering Company Inc, 67 S Main ..... Seneca 3555-W

Floor Machines.
Kelley Electric Machine Co, 1407 West av .. North 2100

Folding Machines for Cloth—Automatic.
Great Eastern Laundry Machinery Co (Automatically folds any size cloth into halves, thirds, quarters, regardless of thickness), 148-150 N Division ..... Seneca 2938-W

Forgings.
Vulcan Steam Forging Co, 237 Rano ..... North 916

Foundry Facings and Supplies.
Columbian Facing Mills Co, 93 Stone ..... Howard 2091

Galvanizers.
Fries A G Plating Co, 198-200 Terrace ... Seneca 3129-J

Garbage Reduction Machinery.
Dunn Machine Co, 53-59 Carroll ..... Seneca 2174

Garment Hangers.
Canham Victor H & Co, 83 Forest av ..... North 3864-J

Glass Knives.
Pease E S Co Inc, 700 Main ..... Tupper 282

Glues, Flexible.
Thoma R F Mfg Co, 179 Ellicott ..... Seneca 3322-W
Wood Geary & Co, 230 Oak ..... Seneca 2203-W

Grain Elevators—Engineers and Contractors.
Monarch Engineering Co, Chamber of Commerce bldg ..... Seneca 3012

Grass & Field Seeds.
Craver-Dickinson Seed Co The, 329 Ganson . Seneca 837

Gravity Conveyors & Spiral Chutes for Boxed Mdse.
Minnesota Manufacturers Association, Ellicott Sq ..... Seneca 4640

Hames—Mfrs.
U S Hame Company, 135 Tonawanda ..... North 1310

Hammers—Power.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Hammers—Steam.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Hammers—Steam Drop.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Hangers, Ball and Roller Bearing and Babbitted.
Transmission Ball Bearing Co, 1050 Military rd ..... North 4786
See our Catalog Space, page 920

Hotels.
Hotel Iroquois, Main and Eagle ..... Seneca 2650

Impregnating Apparatus.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Injectors—Manufacturers.
Sherwood Man'fg Co, 1710 Elmwood av .... North 2603

Iron—Architectural & Ornamental.
Feine August & Sons Co, 152 Terrace ..... Seneca 5187
Tobol Iron Works, 201 Loepere ..... Oxford 3686-W

Iron Doors—Sidewalk.
Ernst Chas K, 1003 E Ferry ..... Oxford 2240-W

Iron and Steel.
Beals, McCarthy & Rogers, 40-62 Terrace ... Seneca 2820

Leather.
Cordova Shops Inc The, 237 Elm ..... Seneca 4719

Leather Belting.
Alexander Bros Leather Belting (Bendee Connor Co), 64 Pearl ..... Seneca 2742

Lubricators.
Sherwood Man'fg Co, 1710 Elmwood av .... North 2603

Lumber—Millwork and Boxes.
Elias G & Bro, 965 Elk ..... Howard 646

Lumber, Wholesale.
Smith, Fassett & Co ..... Tonawanda 17

Machine Work.
Superior Machine & Tool Works (Mnfrs of Mullers Patented Adjustable Post, also accurate machine work our specialty), 1512 Jefferson ..... Oxford 775-J

Machinists.
Ivey R Company Inc, 160-162 Ellicott and 41-43 N Division ..... Seneca 4633-J

Magnetos.
Ericsson Man'fg Co, 1100 Military rd .... North 1145

Mailing Cases.
St Louis Paper Can & Tube Co (B H Westcott), Ellicott Sq ..... Seneca 4923
See our Catalog Space, page 928

Mailing Lists.
Buffalo Advertising Service Inc, Coal & Iron Exchange bldg ..... Seneca 3000

Mailing Machines.
Dick Mailer The Robert, 137 W Tupper .. Tupper 325

Mailing Tubes.
St Louis Paper Can & Tube Co (B H Wescott), Ellicott Sq ..... Seneca 4923
See our Catalog Space, page 928

Manufacturers Distributors.
O'Brien Edgar P & Co, Ellicott Sq ..... Seneca 3518

Meters—Gasoline.
Buffalo Meter Co, 2903 Main ..... Crescent 1012

Meters—Hot Water.
Buffalo Meter Co, 2903 Main ..... Crescent 1012

Meters—Oil.
Buffalo Meter Co, 2903 Main ..... Crescent 1012

Meters—Water.
Buffalo Meter Co, 2903 Main ..... Crescent 1012

Monuments.
McDonnell & Sons, 858-860 Main ..... Tupper 237

Monuments & Mausoleums.
Lackawanna Monumental Works, 1114 Ridge rd ..... Howard 1497-R

Motor Trucks.
Autocar Sales & Service Co The (E T Parkes) 52 Gill pl ..... North 901
Stewart Motor Corporation of Buffalo, 423 E Delevan av ..... Oxford 3700

Motors & Generators, New and Used.
Dotterweich A J Co Inc, 285 Washington . Seneca 1077-J

Newspaper Clipping Bureaus.
Buffalo Press Clipping Bureau, 202 Main . Seneca 3300-W

Nitric Acid Retorts.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Office Equipment.
Monroe Calculating Machine Co, Ellicott Sq bldg ..... Seneca 571
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Oil and Grease Cups.—Manufacturers.
Sherwood Man'fg Co, 1710 Elmwood av .... North 2603

Oil Pumps—Force Feed and Hand.—Manufacturers.
Sherwood Man'fg Co, 1710 Elmwood av .... North 2603

Packing Pads.
Excelsior Supply Co, 16 Carroll ..... Seneca 193

Pans, Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Paper Boxes.
Cooper Paper Box Co, (Set-Up Boxes, Folding Cartons, Etc) 368 Sycamore . Howard 67
Drescher Chas A, 459 Broadway ..... Howard 416-W

Paper Dealers.
Seaman Paper Co, Marine Nat'l Bank bldg . Seneca 4584
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Union Paper & Twine Co, Brisbane bldg .. Seneca 4078

Paper Manufacturers.
Seaman Paper Co, Marine Nat'l Bank bldg . Seneca 4584
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Paste Manufacturers.
Thoma R F Mfg Co, 179 Ellicott ..... Seneca 3322-W

Patent Attorneys.
Iacomber Wm, Ellicott Sq.....Seneca 3629

Photographers, Commercial.
Commercial Color Photo Co (Manufacturers, Wholesalers, Travelers Samples in Colors), 72 E Genesee .....Seneca 844-R
Schaefer Al H, 888 Michigan av.....Tupper 1769-W

Piano Tuners.
Buffalo Piano Tuning Co, 11-18 E Utica..Tupper 5646-J

Picture Hooks.
Anchor Picture Hooks (Buffalo-Dehn Co), Root bldg .....Seneca 4365-J

Pipe: Cast Iron, B & S. Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 957 E Ferry st.....Oxford 239

Pipe Organ Builders.
Diner & Son, 1371 Niagara.....North 3474-M

Platers.
Aries A G Plating Co (Every Variety Metal for Mfg Trade), 198-200 TerraceSeneca 3129-J

Poultry Feed.
Craver-Dickinson Seed Co The, 329 Ganson.Seneca 837

Power Transmitting Machinery.
Transmission Ball Bearing Co, 1050 Military rd .....North 4786
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Presses.
Niagara Machine & Tool Co, Northland near Filmore .....Oxford 601

Printers.
Offermann F J Art Works, 299 Broadway .....Bell-Howard 449 Federal 24-327

Printers.—Steel Die Embossing.
American Embossing Co, 196 Seneca...Federal 22-529

Printing Machinery Type & Supplies.
American Type Founders Co, 45 North Division .....Seneca 1447
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Publishers.
Donnelley Reuben H. Corporation The (Publishers Classified Telephone Directories) Niagara Life bldg.....Seneca 26

Pumps.—Automobile Tire.
Lake Erie Manufacturing Co Inc, 192-198 Chicago .....Seneca 1366

Pumps, Hand and Power for all Purposes.
Deming Co The (Root, Neal & Co, Rep), 178 Main.....Bell Seneca 4710 Federal 21-665

Pumps, Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Real Estate.
Harrison Real Estate Corp, Morgan bldg...Seneca 36
Linn Realty Co, D S Morgan bldg.....Seneca 674

Rings—Steel.
S Hame Company, 135 Tonawanda.....North 1310

Rope Preservative.
Cling Surface Co, 1032-48 Niagara.....North 772

Rotary Dryers—Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Safes.
Laum J Safe & Lock Co The (A Dutch & Co), 148 Seneca.....Seneca 3354

Sanitariums—Liquor and Drug Habits.
McMichaels Dr Sanitorium, 356 Maryland.Tupper 47

Saw Fitting Tools.
Crowell's, 61 Terrace.....Seneca 1764-J

Scrap Iron and Steel.
Pennsylvania Wood & Iron Co, Ellicott sq.Seneca 1272

Seeds.
Craver-Dickinson Seed Co The, 329 Ganson.Seneca 837

Shafting.
Union Drawn Steel Co, White bldg.....Seneca 1958

Shapes & Elevator Guides.
Union Drawn Steel Co, White bldg.....Seneca 1958

Sheep Leather.
Schoellkopf & Company, Mississippi.....Seneca 2838

Sheet Iron and Metal Work.
Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

Sheet Steel, Black and Galvanized.
Seneca Iron & Steel Co, Erie Co Bank bldg.Seneca 5620

Shelf Dryers—Vacuum.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Signs.
Ingram-Richardson Mfg Co, Ellicott Sq...Federal 1829
Rodwell Sign Co, 442-446 Niagara.....Tupper 715-R

Sprocket & Chain Standard Cast Iron & Cut Tooth Mfrs.
Union Chain & Mfg Co The (R F Mosedale, Rep), Marine Bank bldg .....Seneca 1775

Steel, Cold Drawn.
Union Drawn Steel Co, White bldg.....Seneca 1958

Steel—Structural.
Ferguson Steel & Iron Co, 1399 Bailey av.Howard 3130

Stone, Crushed.
Buffalo Cement Co Ltd, 110 Franklin....Seneca 614

Structural Iron & Steel.
Feine August & Sons Co, 152 Terrace....Seneca 5187

Structural Iron and Steel Contractors.
Buffalo Structural Steel Co, 166 Dart.....North 2997

Structural Steel.
Ferguson Steel & Iron Co, 1399 Bailey av.Howard 3130

Tag & Baggage Check Fasteners.
Speed Tag Fastener Co The Inc, White bldgSeneca 1129-J

Tanks, Cast Iron.
Buffalo Foundry & Machine Co, 25 Winchester av .....Oxford 40

Telephones—City, Rural and Special.
Century Telephone Construction Co, 1738 Elmwood av.....Bell-North 3639 Federal 41-343

Time Stamps and Cost Keeping Systems.
Baird Equipment Co (The North Electric Co. Agts), High & Grey .....Oxford 530

Trucking & Hoisting Contractors.
Snyder Frank Trucking Co, 263-265 E Eagle ..... Seneca 232

Trucks—Elevating.
Lewis Shepard Company (Power City Supply Co Agts), Prudential bldg .....Seneca 3029
Transmission Ball Bearing Co, 1050 Military rd .....North 4786
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Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, 45 North Division .....Seneca 1447
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Typewriters—Portable.
Corona Typewriter Company Inc, Franklin and Swan .....Seneca 4548

Vacuum Dryers.
Buffalo Foundry & Machine Co, 25 Winchester av ..... Oxford 40

Ventilating Contractors.
Goergen-Mackwirth Co Inc, 815 Sycamore .....Howard 2918-W
Schoepflin & Tepas, Ellicott Sq.....Seneca 5350

Ventilating and Fans—Systems Installed.
Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

Ventilators—Roof Fans and Gravity Mnftd. & Installed.
Bicalky Fan Co, 866 Prospect av.....Tupper 5164-J

Ventilators, Window.
Ideal Ventilator Co, Prudential bldg.....Seneca 4974

Wall Pockets.
American Wall Pocket Mfg Co, 1021 Main.Tupper 5473

Water Supply Systems.
Crane Co (Leader Iron Wks), 81 Broadway ..... Bell-Seneca 4525 Federal 23683

Waterproofing and Concrete Hardeners.
Hercules Waterproof Cement Co, Mutual Life bldg ..... Seneca 313

Waxed Paper—Bread Wrappers a Specialty.
Niagara Wax Paper Co, 1392 Niagara..North 2285-W

Weather Strips.
Monarch Metal Weather Strip Co The (B S Broughton, Distributor), 112 Roesch av....North 2454-W
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Niagara Metal Weather Strip Co, 33 W Tupper .....Tupper 991-J

Wheels—Wire-Automobile.
Houk Manufacturing Co, 1700 Elmwood av..North 4380

Wire Cloth.
Buffalo Wire Works Company, 316 Terrace.Seneca 4520

Wire Manufacturers.
American Steel & Wire Co, 337 Washington .....Seneca 3628

Wire Rope Preservative.
Cling Surface Co, 1032-48 Niagara.....North 772

Wire Wheels—Automobile.
Houk Manufacturing Co, 1700 Elmwood av..North 4380

Wire Work and Ornamental Iron Work.
Buffalo Wire Works Company, 316 Terrace.Seneca 4520

Wireless Telegraph Equipment.
Century Telephone Construction Co 1738 Elmwood av .....Bell-North 3639 Federal 41-343

CALEDONIA

Tag and Tag Envelope Mnfrs.
Allen-Bailey Tag Co, Lehigh.....Caledonia 146

CANASERAGA

Produce Wholesale Dealers—Beans, Potatoes, Hay, Grain.
Rowe & Kennedy.....Canaseraga 3919

COHOES

Elevators.
Cohoes Iron Foundry & Machine Co The, 37 Van Rensselaer.....Cohoes 46

Envelopes.
Cohoes Envelope Company Inc (Clasp Envelopes, Tag Envelopes, Carrybags, Specialties), Cohoes Envelope bldg, Ontario and Olmstead.Cohoes 37

Slashing Machinery.
Cohoes Iron Foundry & Machine Co The, 37 Van Rensselaer.....Cohoes 46

CORNING

Furnaces—Warm Air.
Hood Furnace and Supply Co, 281 E Third .....Corning 33-J

Glass, Artistic.
Steuben Glass Works, 140 Erie av....Corning 465

Glass, Cut.
Egginton O F Co The, 152 State.....Corning 81-A

Glassware—Cut & Copper Wheel Engraved.
Illig John N, 227 E Market.....Corning 467-W

Lawyers.
Sebring James O, 2 Erie av.....Corning 22-R

Limousine Vases.
Hawkes T G & Co, 77 W Market.....Corning 114

CORTLAND

Belt Dressing.
Cortland Specialty Co The, 174 Railroad.Cortland 155

Boiler Compound.
Cortland Specialty Co The, 174 Railroad.Cortland 155

Welding Compound Manufacturers.
Cortland Specialty Co The, 174 Railroad.Cortland 155

DRYDEN

Woolen Shoddies Mnfrs., Every Description.
Atlantic Woolen Mills, W Main.....Dryden 21

DUNKIRK

Optical Goods.
Dunkirk Glass Co Inc (Manufacturers of Micoquille and Coquille Lenses for Automobile, Sun and Welding Goggles, Watch Crystals, Novelties and Automobile Dimmers) Dunkirk, N Y.Dunkirk 345

ELMIRA

Aluminum.
National Aluminum Works, 557-669 E Clinton .....Elmira 2171

Belting.
Alexander Bros Leather Belting (Horton Machine Wks), 104 W 4th.....Elmira 325-J

Grease Cups.
Swift Lubricator Co, 729-731 West 2d...Elmira 2148

Hoes (Wrecking Cultivator)
Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

Index Cards and Office Forms.
Philo E R Co, Lake.....Elmira 2423

Leather Belting.
Alexander Bros Leather Belting (Horton Machine Wks), 104 W 4th.....Elmira 325-J

Lubricators.
Swift Lubricator Co, 729-731 West 2d...Elmira 2148

Metal Spinners.
National Aluminum Works, 557-669 E Clinton .....Elmira 2171

Metal Stamping.
National Aluminum Works, 557-669 E Clinton .....Elmira 2171

Oil Cups.
Swift Lubricator Co, 729-731 West 2d...Elmira 2148

Pliers.
Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

Pruners (Hand and Tree).
Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

Rakes (Garden and Lawn).
Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

Shears (Grass, Hedge and Pruning).
Cronk & Carrier Mfg Co The, 150 Lake..Elmira 1157-J

FALCONER

Advertising Novelties.
American Manufacturing Concern, Work and Everett .....Jamestown 479

Beehives and Supplies.
Falconer W T Manufacturing Co, Work and Everett .....Jamestown 479

Rulers—Advertising & Stationers.
American Manufacturing Concern, Work and Everett .....Jamestown 479

Toys—Chests & Benches, Blocks, Blackboards.
American Manufacturing Concern, Work and Everett .....Jamestown 479

FONDA

Hotels.
Brunswick Hotel, Main.....Fonda 5

FULTON

Paper Cans
Sealright Co Inc .....Fulton 9

Paper Stock—Wholesale.
Alderman Isadore, 20 W 2d .....Fulton 2242

FULTONVILLE

Mop Wringer Mfrs.
White Mop Wringer Co.....Fultonville 141

GLENS FALLS

Laces and Veilings.
Binch H & F Co, 131-137 Warren.....Glens Falls 1188

Mill Supplies.
Kalbfleisch Theo F, 140-144 Glen.....Glens Falls 318

GLOVERSVILLE

Fastener Reinforcement.
Button Stay Co, 53 S Main.....Gloversville 3775-J

Glovers' Supplies.
Bellis & Klein, 11 and 13 Cayadutta..Gloversville 2270

GOWANDA

Glues and Gelatines.
Cooper's Peter Glue Factory.....Gowanda 6

GROTON

Typewriters—Portable.
Corona Typewriter Company Inc, general office and works.....Groton 9

HERKIMER

Book Cases—Sectional.
Hale F E Mfg Co The, 600 W German..Herkimer 314-J

Desks, Mnfrs.
Horrocks Desk Co, 420 E German.....Herkimer 479
National Desk Co, Park av.....Herkimer 94

Fixtures for Toilet & Towel Papers.
Bens S J Mfg Corp The (New Idea, Real, Handy Improvement, Catalogue), Prospect st .....Herkimer 131-W

Novelties.
Bens S J Mfg Corp The (Beneficial Toy Balloon, Other Novelties, Catalogue), Prospect st .....Herkimer 131-W

HOMER

Lines—Braided Fish.
Newton Line Co.....Homer 31-J

HORSEHEADS

Optical Goods and Machines.
Winchester Optical Company, Franklin st .....Horseheads 34-W

HUDSON FALLS

Wall Paper and Lincrusta Mfrs.
Standard Wall Paper Co, 81 Allen...Hudson Falls 5

ITHACA

Chains, Silent.
Morse Chain Co, General Office & Works....Ithica 275

Engravers.
Corner Bookstores The (Embossers, Stationers, Booksellers, General Office Supplies), State and Tioga .....Ithaca 282

Power Transmission.
Morse Chain Co, General Office & Works..Ithaca 275

Silent Chains.
Morse Chain Co, General Office & Works..Ithaca 275

JAMESTOWN

Belting.
Alexander Bros Leather Belting (C A Lundquist & Co), 2 S Main.....Jamestown 449

Bricks, Manufacturers.
Jamestown Shale Paving Brick Co (Repressed, Wirecut Paving Block, Building Brick), 40 Quarry rd .....Jamestown 199

Leather Belting.
Alexander Bros Leather Belting (C A Lundquist & Co), 2 S Main.....Jamestown 449

Photograhpic Materials.
Straight Dry Plate Co (Ferrotype Plates and Positive Postcards) Tyrrell av.Jamestown 683-M

LITTLE FALLS

Cotton Batting, Wadding, Upholstering Cotton.
Little Falls Fibre Co, 530 E Mill.....Little Falls 229

Dairy Preparations.
Jansen's Chr Laboratory Inc (Rennet Extract, Cheese and Butter Color).Little Falls 217

Food Preparations.
Jansen's Chr Laboratory Inc (Junket Tablets Nesnah, Colors and Flavors) .....Little Falls 217

Knit Underwear.
Little Falls Mfg Co, 512 E Mill.....Little Falls 98

Knitting Machinery.
Safford & Holt, W Mill st.....Little Falls 121-M

LOCKPORT

Emery.
Niagara Emery Mills Inc, ...Lockport 1324

Printers.
Niagara Merchandising Co (Catalogs, Folders, Booklets, General Job Work) Chestnut and Charles .....Lockport 110

Wall Board.
Upson Co The, Upson Point.....Lockport 236

McGRAW

Corset—Laces, Tapes and Braids.
McGraw Manufacturing Co.....McGraw 15-M

MECHANICVILLE

Bedding.
Peterson Bedding Co (Mattresses, Pillows, Steel Couches, Cots, Springs), Round Lake av ..... Mechanicville 220-J

Stove Trimmings.
Lynd L E Mfg Co The (Lifters, Shakers, Knobs, Pokers, Wire Goods), Canal and William .....Mechanicville 56-W

MEDINA

Cast Iron Pipe.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Castings, Gray Iron.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Floor Drains.
Central Foundry Company The, "Lynn" Glenwood av .....Medina 277-W
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Foundries.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Gas Mains.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Manhole Frames & Covers.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Marine Castings.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Soil Pipe.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Universal Cast Iron Pipe.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Valve Boxes.
Central Foundry Company The, Glenwood av .....Medina 277-W
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Water Mains.
Central Foundry Company The, Glenwood av .....Medina 277-W
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MIDDLETOWN

Paper Boxes.
Middletown Paper Box Co, 20-24 Union.Middletown 294

MONTOUR FALLS

Cranes (Electric).
Shepard Electric Crane & Hoist Co, Office & Works .....Montour Falls 47
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Hoists (Electric).
Shepard Electric Crane & Hoist Co, Office and Works .....Montour Falls 47
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MOUNT VERNON

Art Marble & Garden Furniture.
Church Art Work Co The, 523 South 7th av .....Mt Vernon 1293

Can Machinery.
Westchester Machine Co, 8-10 Brookdale pl .....Mt Vernon 3332

Kumyss.
Brush E F, 320 S 5th av .....Mt Vernon 910

Macaroni (Mnfrs.)
Westchester Macaroni Co Inc, 28 Stevens av .....Mt Vernon 3382

Newspaper Publishers.
Daily Argus The (Stiles & Merriam) 11-13 S 3d av .....Mt Vernon 64

Organ Builders.
Estey Organ Company (Park V Hogan) 245 Claremont av .....Mt Vernon 3659-R

Paper Clips & Pin Tickets (Mnfrs.).
Noesting Pin-Ticket Co Inc, 2-4 Wilson pl .....Mt Vernon 3500

Pin Tickets & Paper Clips (Mnfrs.).
Noesting Pin-Ticket Co Inc (Manufacturers No Sting "Harmless" Pin-Tickets), 2-4 Wilson pl .....Mt Vernon 3500

Refrigerators.
Garland Refrigerator Co, 40 Beach....Mt Vernon 177

Silversmiths.
Hayes Wm Co, 54 S 3d av.....Mt Vernon 367
Mount Vernon Company, Silversmiths, Inc, The .....Mt Vernon 644

Spark Plugs.
Benford Mfg Co .....Mt Vernon 3300

Special Machinery.
Westchester Machine Co, 8-10 Brookdale pl .....Mt Vernon 3332

Springs (Mnfrs.)
Farrington & Co, 28-30 Grand.....Mt Vernon 190-W

Tags, Paper Clips & Pin Tickets (Mnfrs.).
Noesting Pin-Ticket Co Inc, 2-4 Wilson pl .....Mt Vernon 3500

Timers for Ford Cars.
Benford Mfg Co .....Mt Vernon 3300

NEW ROCHELLE

Balances.
Voland & Sons .....New Rochelle 1192

Dye Stuffs.
Sunset Soap Dye Co Inc, 235 Huguenot .....New Rochelle 2212

Garages—Portable Wood.
Mulvey Made Portable Wood Garages, 112 Huguenot .....

Lumber.
Mahlstedt J A Lumber & Coal Co The, Columbus pl .....New Rochelle 55

Records.
Jones Speedometer The, Cedar and Orchard .....New Rochelle 2720

Speedometers.
Jones Speedometer The, Cedar and Orchard .....New Rochelle 2720

Wagons (Mnfrs.)
Tierney P J Sons .....New Rochelle 2378

Weights.
Voland & Sons.....New Rochelle 1192

NEW WOODSTOCK

Proprietary Medicines.
Parker Drug Co (Proprietors of Tri Dee's Family Remedies) .....New Woodstock 9-F-3

NEW YORK CITY

Abdominal Appliances.

Bunker John W Inc, 110 W 34th.....Greeley 6547
Ditman A J, 2 Barclay.....Barclay 7045
Eisen Wm M Co, 412, 8th av nr Penn Depot.....Chelsea 3372

Abrasive Wheels, Stock and Special.

Fallonite Co The, 120 Broadway.....Rector 4794

Abrasives (Emery, Garnet, Etc.)

Schaaf-Regelman E, 220 Broadway.....Cortland 5235

Accountants.

Baker, Vawter & Wolf, 350 Broadway...Franklin 1871
Bodkin, Teschke & Co (Audits, Financial Statements, Factory Cost Systems, Investigations, Estate Accounting, Income Tax Reports), 80 Wall.....Hanover 359
Clark Earl S Co, Woolworth bldg.....Barclay 4414
Edmonds & Bouton, Inc, 56 Pine.....John 3252
Gaynor Philip B & Co (Chas E Wermuth), 165 Broadway.....Cortland 3223
Gunnell E, 165 Broadway.....Cortland 3536
Kenmore Brandell & Co, 10 Wall.....Rector 928
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Sachs George M (Corporation Accounting, Certified Financial Statements, Cost Systems, Audits, Bankruptcy Investigations, Tax Reports), 1182 Broadway.....Mad Sq 2305
Simonoff, Peyser & Citrin, 200 Fifth av..Gramercy 1587
See our Catalog Space, page 904
Wagner Audit Co (Certified Public Accountants. Audits, Investigations & Systematizing, Monthly & Periodical Reports, Certified Financial Statements, Moderate Fees, Highest References), 1269 Broadway.....Mad Sq 5416

Accountants, Certified Public.

Ernst & Ernst, 27 Cedar.....John 4011
Karmel Abraham, 261 Broadway.....Barclay 7838

Accounting Machines Rebuilt, All Makes, Bot, Sold.

Adding Machine Inspection and Sales Co, 206 Bway.....Cortland 6739

Accumulators—Hydraulic Pumps, etc.

Watson-Stillman Co, The, 50 Church...Cortland 8470

Accumulators, Presses, Pumps, Valves, Hydraulic.

Hydraulic Press Mfg Co The, 39-41 Cortlandt.....Cortland 5083

Acetic Acid.

Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576
Tower Chemical Co Inc, 258 Broadway...Barclay 4777

Acetic Anhydride, Boiling Point 135°.

Warner Chemical Co The, 52 Vanderbilt av.....Murray Hill 262

Acetylene Apparatus.

Davis-Bournonville Co, Van Wagenan av, Jersey City.....Rector 3428
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Acetylene Burner Manufacturers.

Crescent Burner Mfg Co, 116 E 27th.....Mad Sq 2132

Acid Phosphoric, 50 Per Cent Sp. Gr. 1400

Warner Chemical Co The, 52 Vanderbilt av.....Murray Hill 262

Acids.

Du Pont Chemical Works, Equitable bldg, 120 Broadway.....Rector 5727
Harrison Works (Owned and Operated by E I du Pont de Nemours & Co), 80 Maiden Lane.....John 6444
Ratner, A E Co, Inc, 59 Pearl.....Broad 5234

Acids, Ammonia, Chemicals for all Purposes.

Parex Manufacturing Co, 247 Pearl near Fulton.....Beekman 1865

Acids and Heavy Chemicals.

Asphaltum & Chemical Products Co, The Woolworth bldg.....Barclay 7924
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Adding Machines.

Monroe Calculating Machine Co, Woolworth bldg.....Barclay 5174
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Adding Machines Rebuilt—Bought, Sold, Exchanged.

Adding Machine Inspection and Sales Co 206 Broadway.....Cortland 6739

Addressing Companies.

Boyd's City Dispatch, 19 Beekman.....Beekman 4540
Gardiner Binding & Mailing Co, 76-88 Lafayette.....Franklin 4140
Guild Company, 65 Duane.....Worth 1728

Addressing, Folding and Mailing.

Boyd's City Dispatch, 19 Beekman.....Beekman 4540
Brown B Co The, 229 W 28th.....Farragut 6340
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Webster Letter Addressing & Mailing Co, 461, 8th av.....Greeley 6181

Addressing, Folding & Mailing Lists.

Commercial Dispatch Addressing & Delivery Co, 152-154 William.....Beekman 566
United States Addressing & Printing Company, 24-26 Murray.....Barclay 5675

Addressing Machines.

Addressograph Co (E J Ferris, Dist Mgr), 740 Broadway.....Spring 2692
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Stickney & Montague, Direx-All, 54 Franklin.....Franklin 4360

Adhesives.

Robeson Process Co, 18 E 41st.....Murray Hill 8161

Advertisement & Business Writers.

Ad-Man Davison, 17 Madison av.....Mad Sq 1055

Advertising.

Batten George Company Inc, 381, 4th av..Mad Sq 7500
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Ethridge George Co The, 25 E 26th, Mad Sq bldg.....Mad Sq 7890
Goldstein Robert (Sales letters written in clear, forceful English, efficient sales helps created, charges moderate, analysis of present literature free), 655 Fox..Melrose 3906
Hannah Henry King, 277 Broadway.....Worth 2913
Making Letters Pay System (Edw H Schulze Inc) 220 W 42d.....Bryant 2403
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Rankin Wm H Company, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501, 5th av..Murray Hill 8417

Advertising Agencies.

Batten George Company Inc, 381, 4th av.Mad Sq 7500
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Rankin Wm H Company, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501, 5th av..Murray Hill 8417

Advertising Agents.

Arkenberg Special Agency (Newspaper Classified Exclusively. Combination Lists Free), World bldg.....Beekman 2252
Batten George Company Inc, 381, 4th av..Mad Sq 7500
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Advertising Agents & Agencies.

Frowert Percival K Co Inc, 151 W 42d...Bryant 3000
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Advertising Agents—Foreign Advertising Agencies.

Foreign Advertising & Service Bureau, 141 Broadway.....Cortlandt 2218

Advertising Calendars and Pencils.

Blanchard Bros Inc, 19th and 8th av Bklyn.....South 3771

Advertising Classified Telephone Directory.

Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 227 Fulton.....Cortland 12084

Advertising and Commercial Films.

Leggett-Gruen Corporation, 220 W 42d..Bryant 9167

Advertising Display Fixtures.

Novelty Wire Works, 840 Broadway....Stuyvsnt 1190

Advertising Display Picture Frames.

Wolff Robert Co, 25 Warren.....Barclay 6359

Advertising Display Stands, Wooden.

New York Wood Working Corporation, 506 E 19th.....Gramercy 3239
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Advertising Films and Slides for Movie Theatres.

Novelty Slide Co, 115 E 23d.....Gramercy 3672

Advertising Leather Novelties.

Stember John & Co, 821 Broadway.....Stuyvesant 3037

Advertising Motion Pictures and Slides.

Novelty Films, 115 E 23d.....Gramercy 3671

Advertising Novelties.

Advertising Leather Specialty Co (Manufacturers Leather Novelties for Personal Advertising), 303 Mercer.....Spring 5126
Beegee Company, 1133 Broadway.....Farragut 8983
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Benze Bros Co, Est 1890, 110-112, 5th av.....Chelsea 8310
Bruml Henry Co The, 110 Liberty.....Rector 2085
Florin Philip, 465-467 Broome.....Canal 3744
Schimper William & Co, 33 Union Sq W..Stuyvsnt 214
Simmons N, 37 E 12th.....Stuyvesant 2103
Walker-Longfellow Co, (Makers memorandum books, diaries, card cases, leather specialties, etc.), 150 Nassau.....Beekman 3738
Woodruff J P (Maker memorandum books, diaries, card cases, leather specialties, etc.), 150 Nassau.....Beekman 3738

Advertising Novelties—Papers all Kinds.

Doty & Scrimgeour Sales Co, 74 Duane....Worth 5395

Advertising Novelties, Printed.

Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other printed novelties, for children and grown-ups. Cardboard Toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Adv. Novelties—Safety Razors for Large Users.

Burham Safety Razor Co The, 64 Murray..Barclay 5639

Advertising Pencils.

Lang & Scherer, 25, 3d av.....Orchard 6664

Advertising Signs.

B & B Sign Co Inc (Glass, Cardboard, Metal and Small Electric Signs. Window Display Attractions. Distributing Service), 341-347, 5th av.....Vanderbilt 5942
Nelke-L-D-Signs-New York, 28 E 26th....Mad Sq 2636

Advertising Slides.

Greater New York Slide Co Inc, 154 W 45th.Bryant 2[illegible]

Advertising Slides for Motion Picture Theatres.
Novelty Slide Co, 115 E 23d.....Gramercy 3672

Advertising Specialties, (Aluminum&Brass Etched).
Premier Metal Etching Co, 14th St Van Alst av, L I C.....Hunters Pt 2064
See our Catalog Space, page 983

Advertising Specialties (Card Board).
Tablet & Ticket Co, The, 381 Bway.....Franklin 2411

Advertising Wrapping Tape, Printed and Plain.
Neuer & Hoffmann, 75-77 Grand.....Canal 3907

Aeroplanes.
Berckmans Aeroplane Co, 257 4th av....Gramercy 4820
Loening Aeronautical Engineering Corp, 45, 11th, L I C.....Hunters Pt 2600

Aeroplanes, Motors, Models, Supplies, Etc.
Scientific Aeroplane Co (Advanced types of metal aeroplanes and high-powered motors. High-class models. Experimental work a specialty. Inventions developed), 126 E 23d...Gramercy 2459

Agricultural Implements and Tractors.
Ordnance Engineering Corp'n, 120 Broadway.Rector 4794
See our Catalog Space, page 984

Air Compressors.
American Steam Pump Co, 17 Battery pl...Rector 4515
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580
Plant Engineering & Equipment Co, 6 Church .....Cortland 6451

Air Compressors, Rotary.
Crowell Manufacturing Co, 296-298 Taaffe pl, Bklyn .....Prospect 3590

Air Purification.
Wagner J H, (Dust, odor removing, air washing, ventilation), 191 Spencer, Brooklyn .....Wmsburg 1804

Air Valves—Automatic.
Bergin Edward J, 5 West 16th.....Chelsea 1049

Air Valves—Hot Water.
Bergin Edward J, 5 West 16th.....Chelsea 1049

Albums, Photograph.
Steinberg S & Son, 149-153 Wooster.....Spring 5172

Alcohol Cologne Spirits and Denatured.
American Alcohol Co Inc, 60 Wall.....Hanover 6279

Alkalies.
Innis Speiden & Co, 48 Cliff.....Beekman 4031

Alloy Steel.
Darwin & Milner Inc, 156 Broadway....Cortland 1956

Alloys (Aluminum Castings).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway.....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Alloys, Boronic—Aluminum, Copper and Nickel.
Le Bas, Edward & Co (American Boron Products Company Inc), 64-68 Broad...Broad 5389
See our Catalog Space, pages 912-913

Aluminum.
Acieral Co of America, 26 Cortlandt....Cortland 1542
See our Catalog Space, page 914
Leygrand & Company, 120 Broadway.....Rector 4794
See our Catalog Space, page 978
Pope Trading Corp Inc, 90 West.....Rector 2436
Strahs Metals Co, 347 W Broadway.....Canal 1755
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum (Granulated and Shot).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum (In Sheets and Coils).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum (Ingots).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

Aluminum (Ingots, Sheets, Powders, Rods & Wire).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum (Scrap).
Wenger Paul & Co, 100 Broadway.....Rector 5083

Aluminum (Scrap) (Buyers of).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum (Sheets).
Wenger Paul & Co, 100 Broadway.....Rector 5083

Aluminum Alloy Pistons.
Levett, Walker M Co, 417-421 E 23d...Gramercy 1414

Aluminum Alloys.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Aluminum Alloys, Boronic, Metals.
Le Bas, Edward & Co (American Boron Products Company Inc), 64-68 Broad...Broad 5389
See our Catalog Space, pages 912-913

Aluminum Castings.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Aluminum Castings Also Brass and Bronze.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Aluminum Castings&Bronze Castings Plain or Machined.
Aluminum Casting and Machine Co, 45 Broadway .....Rector 2729

Aluminum Cleanser & Polisher.
Brillo Mfg Co, 517-521 W 45th.....Bryant 1195

Aluminum Hydrate, light, 96 Per Cent.
Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

Aluminum Solder.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Aluminum Soldering.
Vetter Auto Top Co (General Repairs, Automobile Bodies & Fenders), 214-216 W 65th .....Columbus 2422

Ambulances.
Crane Ambulance Service & Oxygen Works (The Oldest and only strictly private ambulance Service, Expert Attendance Day and Night), 2-4 W 90th.....Riverside 500
Scully-Walton Private Ambulance Service, 1700 Bway .....Columbus 9747

Ammonia Alum.
Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576

Ammonia, Anhydrous & Aqua.
Schwenker W M Inc, 340-342-344 E 92d..Lenox 435

Ammonia Sulphate.
Alexander G S & Co Inc, 61 Broadway...Rector 6170

Amyl Acetate.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Andirons.
Jackson Wm H Company, 2 W 47th.....Bryant 8430
Janusch Mfg Co, 496 E 134th.....Melrose 1322

Andirons and Fireplace Fixtures.
Graf Frank H Mfg Co, 324, 7th av cor 28th.Chelsea 320
Jackson Edwin A & Bro Inc, 50 Beekman.Beekman 1841

Angles.
Sweets Steel Co (J H Finch, Sales Mngr), 2 Rector .....Rector 440

Angles, Channels and Zees Formed from Sheet Steel.
Standard Steel Sections Inc, 608 East 133d .....Melrose 1966
See our Catalog Space, page 1009

Aniline Colors.
American Aniline Products Inc, 80, 5th av.Chelsea 9500
Heller & Merz Co The, 505 Hudson.....Spring 9105
Peuchot A Inc, 129 Crosby.....Spring 4593

Aniline Dye Cans.
Pelletier Napoleon, 2d st near Broad Maspeth, Bklyn .....Newton 1760

Anilines.
Horgan William J, 6 Platt.....John 1625

Animal and Bird Dealers.
New York Kennels (Proprietor Reuben Clark, International Judge), 113 E 9th...Stuyvesant 5589

Annunciators—Electrical.
Knickerbocker Annunciator Co, 116 West .....Cortland 2301

Antimony.
Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

Antique Wood & Marble Mantels.
Rheinfrank Building Material Co, Est 1877, 620 E 14th .....Forsyth 9280

Antiques.
Ye Olde Shoppe, Inc, 385 Madison av..Murray Hill 7838

Appliance Jacketed Kettles New—Used.
Brooklyn Paper Mills, 96-98 Jay, Bklyn.....Main 1395

Appraisals, Mfg. Plants, etc.
Standard Appraisal Company, 56 Pine.....John 6040

NEW YORK CITY—cont'd

Appraisers.

American Appraisal Co The, 120 Broadway.Rector 7078
Coats & Burchard Co, 128 Broadway...Cortland 2916
Fidelity Appraisal Co, Grand Central Terminal bldg .....Murray Hill 8880
International Appraising Co (Detailed Certified Appraisals; Residences, Industrial Properties) Main office 35 Nassau.....Cortlandt 5962
Interstate Appraisal Co Inc, 141 Broadway.Cortland 4344
Manufacturers Appraisal Co, Singer bldg .....Cortland 4072
National Appraisal Co, 149 Broadway...Cortland 4360

Appraisers and Accountants—All Purposes.

Actual Appraisal Co Inc (Industrial, Residential, Estates & Tax Reports), 233 Broadway.Barclay 7455

Aprons.

Clark L H Mfg Co (Sani-A-Pron), 290 Taaffe pl, Bklyn .....Prospect 7208

Aqua Ammonia.

Barrett Co The, 17 Battery pl.....Rector 600
Tower Chemical Co Inc, 258 Broadway...Barclay 4777

Aquaria, Accessories, Etc.

Wapler Nicholas, 28 Warren.....Barclay 5920

Aquaria and Aquaria Specialties Whsle.

Aquarium Stock Co, 150 Chambers.....Barclay 5392

Architectural Woodwork.

New York Wood Working Corpn, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

Arms and Ammunition.

Ordnance Engineering Corpn, 120 Broadway.Rector 4794
See our Catalog Space, page 984

Art Embroidery—Silk Ribbon Novelties—Mnfrs.

Ipex, 40-42 East 19th.....Gramercy 4663

Art Importers and Publishers.

Bergmann Frederick F (Color Prints, Photogravures, Carbons, Fac-Similes, etc.), 225 5th av .....Madison Sq 6637

Art Needlework Importers & Mnfrs.

Warner Mfg Co, 23 E 22nd.....Gramercy 5588

Art Novelty Mfrs. of Silk & Cretonne.

Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

Artesian and Driven Well Contractors.

Artesian Well & Supply Co, 103 Park av.Murry Hil 4730
Phillips & Worthington, 90 West.....Rector 3017

Artificial Eyes for All Purposes.

Schoepfer G 1423-1425 E 95th, Bklyn...Canarsie 6824

Artificial Eyes, Human.

Fried Charles, 36 E 23d.....Gramrcy 2280
Kohler Bros (Reform and Shell Eyes Made to Order. Satisfaction Guaranteed. Stock and Selections) 129 E 23d.....Gramercy 3950
Mager & Gougelmann, 108 E 12th.....Stuyvsnt 3913

Artificial Flower Colors and Dyes.

Horgan William J, 6 Platt.....John 1625

Artificial Flower Covered Wire.

Holyoke Covered Wire Co, 621 Broadway.Spring 5051
See our Catalog Space, page 1025

Artificial Flowers.

Botanical Decorating Co (J R Palmenberg's Sons), 63 W 36th.....Greeley 1450
Fontaine Inc (Wholesale, Retail. Artificial Flowers, Plants, Hedges, for every purpose. Write for catalog.) 273, 5th av.....Mad Sq 8776
Gehring L & Co (Artificial Flowers, Bridal and Confirmation Wreaths) 187 Manhattan av, Bklyn.....Stagg 4694
Pletscher Fred R, 187 Mercer.....Spring 1386
Roman Philip, 75-77 West 44th.....Vanderbilt 844
Sholtz F W, 279 Cooper, Bklyn.....Bushwick 6264

Artificial Flowers and Decorative Plants.

Netschert Frank, 61 Barclay.....Barclay 6410

Artificial Flowers for Decorative Purposes.

Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition 1915), 949 Broadway, 175, 5th av.....Gramercy 2713
Roman Philip, 75-77 West 44th.....Vanderbilt 844

Artificial Flowers, Materials.

Lieval Joseph, 205 Wooster.....Spring 4795

Artificial Leather.

Athol Mfg Co, 505, 5th av.....Murry Hill 8304
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway.....Rector 5720
Endura Mfg Co, 45 Lafayette.....Franklin 1885
O'Bannon Corporation, 200 5th av.....Gramercy 5241

Artificial Limbs.

Ditman A J, 2 Barclay.....Barclay 7045
Dorrch George, 728 Lexington av.....Plaza 4924
Eisen Wm M Co, 412, 8th av nr Penn Depot .....Chelsea 3372
Ryder Artificial Limb Corp The, 219 E 34th.....Murray Hill 7483

Artificial Marble and Scagliola.

Nocenti Michael Co Inc, 649 W 43d.....Bryant 336

Artificial Silk Fabrics and Yarns.

Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

Artists Water Colors.

Horgan William J, 6 Platt.....John 1625

Asbestos.

Danubil Co, The, 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Asbestos (Producers).

Schaaf-Regelman E, 220 Broadway.....Cortland 5235

Asbestos Gloves for Acid Work and Heat.

Danubil Co, The, 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Asbestos Goods.

Bergin Edward J, 5 W 16th.....Chelsea 1049

Asbestos Metallic Sheet.

Danubil Co The, 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Asbestos Products.

Burgmann Asbestos & Packing Mills, 26 Cortlandt .....Cortlandt 1985

Asbestos Tape.

Danubil Co The, 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Asbestos Textiles and Products.

Asbestos Textile Co Inc, Woolworth bldg.Barclay 6126

Ash Can Constructors.

Manhattan Ash Can Mfg Co, 620-22 Grand .....Orchard 2004

Ash Cans.

Brooklyn Ash Can Manufacturing Co, 2196 Fulton, Bklyn.....East N.Y. 1384
International Ash Can Works, 461, 8d av.Murry Hill 1670
Masnikoff & Pershikoff, 620 Bway, Bklyn...Stagg 4556

Ash Cans and Carriers, Street Cleaning Etc.

Barry D J & Co, 83 Barclay.....Barclay 5978

Ash Cans and Garbage Cans.

Indestructible Ash Can Co The (Manufacturers of Engineers', Stable, Garbage, Waste, Corrugated, Street, Steamboat and Sugar Cans) 495 Broome .....Spring 3894

Ash Ejectors.

Row & Davis, Engineers, Inc, 140 Cedar...Rector 9135

Ash Handling Equipment.

Green Engineering Co, 50 Church.....Cortland 6543

Asphalt.

Barber Asphalt Paving Co The (Trinidad and Bermudez), Woolworth bldg.....Barclay 6260

Asphaltum, Pitch, Waxes, Etc.

Asphaltum & Chemical Products Co The, Woolworth bldg .....Barclay 7924
See our Catalog Space, page 930

Attorneys—Patent.

Munn & Co, 233 Bway.....Barclay 8064

Auctioneers.

Atwood Newell D, 140 Nassau.....Beekman 2323
Van Brink's Auction Rooms (We buy choice House Furnishings & art objects. Estates sold on commission. Expert Appraisals given. Write for Catalog of sales), 2160 Broadway.....Schuyler 4960

Auditors.

Baker, Vawter & Wolf, 350 Broadway...Franklin 1871
Kenmore Brandell & Co, 10 Wall.....Rector 928
See our Catalog Space, page 904

Autoclaves & Digestors.

Badger E B & Sons Co, 101 Park av .....Vanderbilt 1719

Autograph Letters of Famous People Bought & Sold.

Madigan Patrick F (Manuscripts, Historical Documents—send for Catalog), 561, 5th av.....Murray Hill 6495

Autographic Registers and Roll Printed Stationery.

K & B Register Co (Wm Mosher, Mgr), 96, 5th av.....Chelsea 3669

Autographic Registers and Roll Printers.

Egry Register Co The (P J Schulman, Sales Agt), Woolworth bldg.....Barclay 6564
Globe Register Co, The, (C H Youngman), 156 Fifth av.....Chelsea 9644

Automatic Signal Calling Systems.

American Watchman's Clock Co, 150 Nassau .....Beekman 4659

Automatic Sprinklers Chemical.

Fire Fighting Devices Co (Non-Freezing, non-destroying) 70, 5th av.....Chelsea 7070

Automobile Accessories.

Answer Spark Plug Co, 511-A West 42d..Bryant 5630
Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916

Automobile Accessories (Export).

Kern Commercial Company, 114 Liberty...Rector 4713
Saitta Charles A, 8 Bridge.....Broad 2014

Automobile Accessories (Manufacturers.)
Metal Specialties Mfg Co (B M Asch & Co, Agts) 16-24 W 61st.....Columbus 33
Walden-Worcester Inc (J H Faw Inc), 41 Warren .....Barclay 5057

Automobile Bodies.
Brooks-Ostruck Co Inc, 224 W 57th.....Circle 4075
Lohse, Henry, 111-113 Kent av Bklyn..Greenpoint 1360
See our Catalog Space, page 916

Automobile Bodies (Pleasure).
Holbrook Co The, 166 West End av....Columbus 148
Wood Fredk R & Son, 205-7-9 W 19th....Chelsea 3020

Automobile Boxing.
N Y Crating & Forwarding Co, 521-3 W 37th .....Greeley 4617
See our Catalog Space, page 986

Automobile Boxing for Export.
Griffin Henry O & Co Inc, 143-145 Varick .....Spring 4257

Automobile Brushes.
Corliss Carbon Co, 114 Liberty.....Rector 6772

Automobile Electric Lighting & Ignition.
K Auto Ignition Sales Co, 1779 Broadway .....Columbus 8922

Automobile Hardware and Limousine Hardware Int.
Art Work Shop The, 2 Columbus Circle..Columbus 4138
See our Catalog Space, page 910

Automobile Heaters and Coal for Heaters.
Lehman Bros, 10 Bond.....Spring 8028

Automobile Lamps.
American Auto Lamp Co (We Specialize on Electric Truck Lamps), 20 Desbrosses..Canal 9199

Automobile Lamps, Parts, Glass, Electric Fittings.
Alpha Lamp, Glass & Brass Co,79Chambers.Worth 3199

Automobile Lever Control—Anti-Skid Chains.
Hill Insulating & Mfg Corp, 511-J West 42d .....Bryant 5630

Automobile Materials and Accessories (Obsolete).
Klotz-Baumann Co Inc, 1876 Broadway.Columbus 1952

Automobile Metal Changeable Letter Signs.
Clark W L Co The, 115 Nassau.....Cortlandt 3577

Automobile Mouldings Lead Filled Finishing Mouldings.
Chearing & Davis Mfg Co, 407 E 70th.Rhinelander 4288
See our Catalog Space, page 917

Automobile Oils.
Indian Refining Co, (Havoline Oil), 44 Whitehall .....Bowling Green 8900
See our Catalog Space, page 917

Automobile Painters Supplies.
Wolf's S Sons, 753, 9th av.....Columbus 222

Automobile Parts Duplicate.
Wall Gear & Machinery Co Inc, 56 Greenpoint Bklyn .....Greenpnt 91

Automobile Patches—Cold. Self Vulcanizing.
Spencer W E Co, 1 Park pl.....Barclay 4696

Automobile Radiators. Hoods, Tanks, Fenders.
Kells W J Mfg Co, 521-525 W 45th.....Bryant 4396

Automobile Robes.
Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916
New York Lap Robe Co, 28-32 W 3d.....Spring 4420
Stroock S & Co (Manufacturers of the famous "Stroock MOTOROBES"), 11 E 26th.Mad Sq 8256

Automobile Schools.
Strobridge Automobile School, 1989Bway.Colmbus 750

Automobile Spark Plug Insulation & Cores.
Hill Insulating & Mfg Corp, 511-C West 42d .....Bryant 5630

Automobile Spark Plugs.
Hill Insulating & Mfg Corp, 511-B West 42d .....Bryant 5630

Automobile Springs.
New York Wire & Spring Co, 586-588 Washington .....Spring 8496

Automobile Supplies.
Harvard Accessories Co (Ford Parts-Standard Accessories), 1790 Broadway.....Columbus 5931

Automobile Tire Carriers.
Smith & Gregory (Patent Tire Carriers without straps, for Demountable Rims and Wire Wheels. Manufacturers of Combination Auto Trunk Tire Carriers), 113 W 51st...Circle 2057

Automobile Toilet Cases and Flower Holders.
Art Work Shop The, 2 Columbus Circle.Columbus 4138
See our Catalog Space, page 910

Automobile Top Fabrics.
O'Bannon Corporation, 200 5th av.....Gramercy 5241

Automobile Top and Upholsterers' Materials.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway .....Rector 5720

Automobile Trimmings.
Wiese Wm & Co Inc, 234 W 56th.....Circle 2371

Automobile Upholstering.
Dusenbury Louis & Co Inc, 229, 4th av.Stuyvesant 7498

Automobile Wrenches.
Walden-Worcester Inc (J H Faw Inc) 41 Warren .....Barclay 5057

Automobiles, Mnfrs.
Chandler Motor Car Co, 1790 Broadway.Columbus 756

Automobiles, Renters.
Plaza Motor Renting Co, 1926Broadway.Columbus 9810
West's Packard Car Rental Co Inc, 12 W 60th.....Columbus 7300

Awning Spring Rollers Galvanized Iron.
Standard Spring Roller Co, 119 E 129th..Harlem 4546

Awning Stripes and Cotton Duck.
Boyle John & Co Inc, 112 Duane.....Worth 4770

Awnings.
McHugh Mfg Co The, 242 West 41st.....Bryant 2693
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017
Walger Awning Co (J E Orr, Agt), Marbridge bldg .....Greeley 3256

Babbitt.
Central Smelting & Refining Co, 137th & Rider av .....Melrose 4185
Syracuse Smelting Wks, 837 Manhattan av, Bklyn .....Greenpnt 3474

Babbitt Metals.
Union Smelting & Refining Co Inc, 604-608 E 19th.....Gramercy 6699
See our Catalog Space, page 1008
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv, page 32, first page opposite Section 1
Wenger Paul & Co, 199 Essex.....Rector 5083

Babbitt Metals (Anti-Friction).
Lissberger Marks & Son Inc, 281 Borden av, L I C.....Hunters Point 1497
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
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Babbitt Metals—Copper—hardened.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv, page 32, first page opposite Section 1

Babbitt Metals (Nickel) For high-speed Motors.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv, page 32 first page opposite Section 1

Babbitt—Rolling Mill.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv, page 32 first page opposite Section 1

Baby Carriage Hardware & Wheels for all purposes.
Lewis Geo F Estate of, 83 Murray.....Barclay 6556

Baby Carriage Mnfrs. Wholesale and Retail.
Behr Henry Baby Carriage Mfg Co, 3084 Fulton, Bklyn.....Cypress 2568

Baby Carriages and All Novelties for Children.
Linicks Baby Carriage Emporium, 4196 Broadway ..... St Nicholas 3103

Backing Fluid for Electrotypers.
Callahan Geo & Co, 218 Front.....Beekman 3893

Badges.
Eagle Regalia Co, 115 Nassau.....Cortland 5096
Moss Henry & Co, 37A Beaver.....Broad 5011 Ex 3

Badges and Brass Checks.
Bishop Thomas H, 126 William.....Beekman 672
Everson & Reed Co, 88 Chambers.....Barclay 8098

Badges, Medals and Pins.
Artistic Badge & Medal Co, 1 Beekman..Cortland 6218

Badges, Metal or Ribbon.
Durn Jewelry Co, 82 Nassau.....John 3059
Kraus I, 134 Clinton.....Orchard 1728

Badges of every Description.
Moss, Samuel H, 36 East 23d.....Gramrcy 5361
Brooklyn Office, 419 Fulton.....Main 764

Bag (Paper) Making Machinery.
Potdevin Machine Co, 253, 36th, Bklyn....Sunset 5181

Bags (Mnfrs).
Acme Burlap Co, 89 Waterbury, Bklyn....Stagg 2700
See our Catalog Space, page 919
Bell Bag Co Inc, 63 Front.....Hanover 682
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International Bag Co, 116 Broad...Bowling Green 9575

Bags (Second Hand).
Knickerbocker Bag Co Inc, 7-9 Front .....Bowling Green 8874

Bags and Bagging.
Bell Bag Co Inc, 61 Front.....Hanover 682
See our Catalog Space, page 919
Brewer Bag Co, 78 Pearl.....Broad 1235
Farmers Bag & Burlap Co Inc, 11 Gold.....John 716
Halsted E S & Co, 64 Pearl.....Broadway 3467
Kent Percy Co, 33 Pearl.....Broad 1827
Moran John, 213 Franklin.....Franklin 1222

NEW YORK CITY—cont'd

Bags, Bagging, Sewed Burlap and Burlap Strips.
Eastern Burlap Bag Co The, 200, 5th av.Gramercy 4037

Bags—Burlap (Second Hand).
Brody S, South Clinton & Water.....Orchard 8361

Bags, Canvas.
Smith Arthur F, 261-267 Canal. Telephone Connection
See our Catalog Space, page 1017

Bags—Canvas and Ore Sacks—Mnfrs.
Stanley W W, 50 Church.....Cortland 5119

Bags (Paper) of All Kinds.
Miller, Tompkins & Co, 487 Washington...Canal 9075

Bags, Silk Fabric for Women, Mnfrs.
Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

Bakers' Equipment.
Jaburg-Miller Co Inc (Specialists in Machinery, Utensils & Equipment) 137 Hudson.Franklin 417

Bakers' Journal.
Bakers' Helper Company (branch office), 105 W 40th .....Bryant 6880

Bakers' Supplies and Confectioners' Supplies.
Nulomoline Company The (Honey of sugar), 111 Wall.....Hanover 7294
See our Adv., Inside Front Cover

Baling Presses.
Davenport Mfg Co (W B Atwater, Rep), 309 Broadway ..... Worth 248

Ball Bearings.
Acme Bearings Co (Steel Balls, Annular & Roller Bearings), 1790 Bway .....Columbus 5931
Ahlberg Bearing Co, 1790 Broadway....Columbus 5889
Bower Roller Bearing D Co, 1834 Bway.Colmbus 4703
F & S Distributors, 253 W 58th.....Columbus 8355
G-A Ball Bearing Mfg Co, 52 Broadway....Broad 72
See our Catalog Space, page 920
Goodman S Fabian, 1834 Bway.....Colmbus 4703
Gwilliam Co The, 253 W 58th.....Colmbus 8355
Hess-Bright Mfg Co The, 1974 Bway..Columbus 844
New Departure Service Station, 253 W 58th .....Colmbus 8355
New York Bearings Co, 311 W 59th....Columbus 736
R & L Bearings Co Inc, 1790 Broadway.Columbus 1131
Schneider Stefan Ball Bearing Mfg Co (E D Giberson & Co, Export Agts), 52 Broadway..Broad 72

Ball Bearings for Power Transmissions.
Transmission Ball Bearing Co, 30 Church ..... Cortland 389
See our Catalog Space, page 920

Ball Bearings Reground and New, All Makes and Special.
Ahlberg Bearing Co, 1790 Broadway...Columbus 5889

Balloons, All Kinds, Watermelons, Airships.
Caldwell William & Co, 96 Warren.....Warren 6265

Balls for Grinding.
Gerdes & Company Inc (Chilled Iron, Cast Steel, Forged Steel), 28 Church....Cortland 7673

Banana Liquids.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Bank & Office Railings.
Hopkins & Co, 199 Franklin.....Franklin 3782

Bank and Office Railings, Wire.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Bankers—Foreign.
Hernandez C F Sons & Co, 17 Battery pl .....Rector 5678

Banks.
American Exchange National Bank, 128 Broadway .....Cortland 150

Banners—for Societies, Lodges, Clubs.
Kraus I, 134 Clinton.....Orchard 1728

Barrel Hoop Stains.
Horgan William J, 6 Platt .....John 1625

Barrel Making Machinery.
Olney Geo H & Co, 50 Church .....Cortland 3756

Barrels.
Melcher J R, 25 Beaver.....Broad 3153

Barrels—Steel.
Pressed Steel Products Co The, 50 Church .....Cortland 3492

Bars for Re-Inforced Concrete.
Corrugated Bar Co, 17 Battery pl.....Rector 4685

Basket and Fruit Package Mfrs.
Coles & Co, 115 Warren .....Barclay 9940

Basket Mnfrs. Canvas, Fibre, Rattan, Willow.
Fowl Julius, 119 W 17th .....Chelsea 6186

Basket Mfrs.—Wire or Wood.
American Wire Form Co (Sanitary Wire Baskets for All Purposes), Church cor Barclay.Barclay 6753

Baskets.
Lewis Samuel, 73 Barclay.....Barclay 5406

Baskets—Sweet Grass and Fancy Imported.
Moore & Gibson Corp, 39-47 W 19th....Chelsea 3844

Baskets, Willow Ware & Willows.
Zinn Charles & Co, 893 Broadway.....Gramrcy 4638

Baskets—Wire of Every Kind.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Bath Room Accessories Mfrs.
Eastern Sanitary Bath Room Fixture Co, 192, 24th, Bklyn.....South 6422

Bath Room Accessories, Nickeled & White Enameled.
Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

Bathing Caps, Rubber and Rubberized.
Metropolitan Specialty Co, 760 Hendrix, Brooklyn .....Canarsie 6944

Bathing Caps and Shoes.
Greilich William & Sons Inc, Marbridge bldg, 47 W 34th.....Greeley 5606

Bathing Suits.
Blum Stanley W Co, 907 Broadway Gramercy 6706

Batteries, Storage for all Purposes.
Multiple Storage Battery Co, 427 W 50th ..... Columbus 236

Battery Mnfrs. (Storage) Hydrometers, Supplies, Etc.
Storage Battery Supply Co, 239 East 27th.Mad Sq 1065

Beads.
American Bead Co Inc, 485, 5th av..Murray Hill 9065
Great Eastern Bead Supply & Novelty Co, (Beads, Bead Fringes, Jewels, Spangles, Tinsel) 286, 5th av near 30th.....Mad Sq 9933

Beads, Bags, Pearl and Fancy Necklaces.
American Bead Co Inc, 485, 5th av..Murry Hill 9065
Wolff H & Co, 20 East 20th.....Gramercy 5170

Beads, Bead Fringes, Jewels, Spangles & Tinsel.
American Bead Co Inc, 485, 5th av...Murray Hill 9065
Hirsch's G Sons, 890 Bway.....Gramrcy 1373
Wyle J J & Bros Inc (Successors to Siegman & Weil), 18-20 E 27th.....Mad Sq 9620

Beads, Bead Necklaces Novelty Bag Frames.
Flory Wm E & Co, 31 E 17th .....Stuyvesant 2247

Beads, Beaded Trimmings, Spangles and Tinsel Goods.
American Bead Co Inc, 485, 5th av..Murray Hill 9065
Veith A & H, 411, 5th av.....Murray Hill 67

Beads, Tapestry Matls Linen Threads, Jewels, Chenilles.
Bender Peter (Embroidery Materials, Spangles & Tinsel Threads), 111 E 9th.....Stuyvesant 5379

Beans & Peas.
Pastene P & Co Inc, 152-54 Franklin...Franklin 1261

Beaver Boards for Backgrounds & Window Displays.
Doty & Scrimgeour Sales Co, 74 Duane.....Worth 5395

Bed Spreads.
Schubert & Bender Inc, 200, 5th av....Gramercy 1981
Tausend Felix, 576-578 Broadway.....Spring 2345

Bed Springs.
Englander Spring Bed Co, Bush Terminal No 4 Brooklyn ..... Sunset 2841
Margolies S, 1748 Bath av, Brooklyn..Bath Beach 3444

Beds and Bedding.
Emery-Christopher Co, 149 Broadway..Cortland 1942
Somelastique Bedding Co, 848 Madison av ..... Gramercy 1811

Beds—Hospital & Institute.
Knauth Bros, 220, 4th av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

Beer Pumps—Electric Automatic Air Pumps.
Premier Mfg Co, 201 E 47th.....Murray Hill 4588

Bees Wax.
Columbia Wax Works, 749-751 East 137th .....Melrose 2783

Belt Dressing.
Cling Surface Co (C F Chase) 39 Cortlandt .....Cortland 5325

Belt Fasteners.
Kerr & Co Inc, 114 Liberty.....Rector 1657

Belt Lacing (Wire).
Kerr & Co Inc, 114 Liberty.....Rector 1657

Belting.
Agrippa Manufacturing Corporation, 149 Broadway .....Cortland 6703
See our Catalog Space, page 922
Alexander Bros, Leather Belting, 149 Broadway .....Cortland 4750
Alexander Bros, Leather Belting (Patterson Bros), 27 Park Row .....Barclay 8320
Alexander Bros, Leather Belting (Peter A Frasse & Co), 417 Canal.....Spring 9720
Central Belting Co (Mfrs (Not Agents), "Atlas" Oak Tanned for all kinds of Machinery, "Water King"—Water Oil, Steam, Acid-proof), 151 Lafayette st .....Canal 8576
Fabric Leather Belting Company The (Substitute for leather belting. Leather faced, cotton body. Costs less. Impervo, interwoven cotton, treated water and acid proof) 203 Pearl .....John 5496
Reinhold Belting & Supply Co, 499 Atlantic av, Bklyn.....Main 5434
Sugrue Bros, (Manufacturers of Oak Tanned Leather Belting), 373 Canal.....Spring 3747

Belting Cotton.
Boyle John & Co Inc, 112 Duane.....Worth 4770

Belting Solid Woven.
Agrippa Manufacturing Corporation, 149 Broadway .....Cortland 6703
See our Catalog Space, page 922

Belting, Tapes, Shoe Laces and Webbing.
American Cord & Webbing Co, 105 Hudson ..... Franklin 4109

Belting Wire Conveyor.
Page Steel & Wire Co, 30 Church.....Cortland 3541

Belts.
Belt & Specialty Manufacturing Corp (Frankenthaler & Frankenthaler), 622-626 Bway.Spring 9858
See our Catalog Space, page 1001

Belts (Women's and Children's).
Moos Herbert, 36 E 21st st.....Gramercy 1174
Slote & Schaffer, 49-53 E 21st.....Gramrcy 3033

Bench Stops, Sawsets, Nail Pullers.
Morrill Chas, 100 Lafayette.....Franklin 3947

Berths & Bunks (Ship) Metallic & Wood.
Atlantic Sales Co, 29 Broadway.....Whitehall 979

Beta Napthol.
Tower Chemical Co Inc, 258 Broadway..Barclay 4777

Beveling Cards Stationery, etc.
Marchetti R & Bro, 35 Great Jones.....Spring 7040

Bias Bindings and Belting.
Friedman J H (Seam Bindings and Skirt Belting), 109-11 27th .....Farragut 2230

Bias Bindings & Tapes.
Bias Narrow Fabric Co, The, 65 Worth...Franklin 336

Bias Fold Tapes for Bindings, Trimmings, etc.
Freydberg Bros, Inc, 44-46-48 W 18th...Chelsea 4341

Bible Schools.
Bible Teachers Training School (Graduate Bible School-Interdenominational, International) 541 Lexington av .....Plaza 8521

Bichromates.
Partola Mfg Co, 160, 2d av.....Orchard 8346

Bichromates—Potash and Soda.
Van Brunt J A & Co Inc, 114 John.....John 1982

Billiard & Composition Pool Balls, Turned & Recolored.
Rutgisky Isidor (Mfrs of Ivory & Buckhorn Cue Tips), 362 Bowery.....Spring 2891

Billiard Supplies.
Grote F & Hubbell Co Inc, 80-82, 4th av.Stuyvesant 2373
(Chicago Branch—701-703 S LaSalle, Wabash 6898)

Billiard Table Pockets and Fringe.
Maag Edward, 32-46 W 23d.....Gramercy 5234

Billiard Tables and Supplies.
Brunswick-Balke Collender Co of N Y The 29 W 32d .....Madison Sq 6180

Binders.
Gem Binder Co The, 65 West Broadway..Barclay 5927

Binders for Magazines and Newspapers.
Universal Binder The, 7 E 14th.....Stuyvesant 2639

Binders, Loose Leaf.
Business Systems Co, 104 Beekman...Beekman 2671
National Blank Book Co, 52-58 Duane.....Worth 4120

Binders, Magazine.
Ball Library Service, Inc, 347 Fifth av.Murray Hill 4962

Bindings—Bias.
Omo Mfg Co (De Graff & Palmer), 881 Broadway .....Gramercy 267

Bindings and Tapes.
Barton F C, (Specialist in narrow fabrics, every description), 65 Worth.....Franklin 336
Bedell E W, 21-23 Mercer.....Canal 3822
Bliss Wm B Jr & Co 114, 5th av.....Chelsea 8283
Gates Thos B M (Bindings, Braids, Tapes, Corset and Shoe Laces; All kinds of narrow woven fabrics), 315, 4th av, cor 24th....Gramercy 4629
Hamilton J H & Co (Tapes, Carpet Bindings Webs, Upholstery Materials), 25 White .....Franklin 103

Bird Cage Mnfrs.
Lindemann O & Co, 35-37 Wooster.....Canal 3762

Bismuth.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Black Boards.
Atlas Seating Co 10 E 43d.....Murry Hil 1384
Hammett J L Co, Bush Terminal bldg, Brooklyn .....Sunset 5825
Lundy Leigh, 101 Park av.....Vandrbilt 4880

Blacking Manufacturers.
Bixby S M & Co, 46th and 2nd av, Bklyn...Sunset 4400
Fulton Shoe Polish Co Inc, 289 Pearl...Beekman 3581

Blacking Mfrs. Colors.
Horgan William J, 6 Platt.....John 1625

Blacks—Carbon or Gas, Bone, Ivory, etc.
Binney & Smith Co, 81 Fulton.....Beekman 4020

Blank Book Mnfrs.
Boorum & Pease Co, 84 Hudson av, Bklyn...Main 7986
See our Catalog Space, page 923

Blank Books.
National Blank Book Co, 52-58 Duane.....Worth 4120

Blank Books and Loose Leaf Devices.
Boorum & Pease Co, 84 Hudson av, Bklyn...Main 7986
See our Catalog Space, page 923

Blankets.
Tausend Felix, 576-578 Broadway.....Spring 2345

Blankets.—Steamer and Horse.
Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916

Blasting Machines.
New York Blasting Supply Co, 11 Broadway .....Bowling Green 8259

Blasting Mat Mfrs.
Anchor Blasting Mat & Rope Co (Close Woven Blasting Mats, Brewery sidewalk Mats & Bumpers), 245 E 32d.Murray Hill 2043

Blasting Supplies and Explosives.
Du Pont de Nemours E I & Company, Equitable bldg, 120 Broadway .....Rector 5720

Bleach.
Partola Mfg Co, 160, 2d av.....Orchard 8346

Bleaching Powder.
Thomson J M & Co, Inc, 521 Broome.....Spring 3720

Blinds, Venetian.
Western Blind & Screen Co, 103 Park av.Vanderbilt 2588

Blotting Pads (Leather, Brass and Glass).
Sainburg L & Son, 65-67 W Houston.....Spring 9842

Blow Pipe Mfrs.
Century Ventilating Co Inc, 257, 3d av.Gramercy 4560

Blowers.
Beggs James & Co, 36 Warren.....Barclay 5040
Standard Sheet Metal Works (Manufacturers of Exhaust Systems, Every Description) 1 Canal pl .....Melrose 9412

Blowers (Turbine).
Wing L J Mfg Co, 352-362 W 13th.....Chelsea 7465

Blowers (Electric-Forge) and Air Pumps.
Fuchs Otto A, 201 E 47th.....Murray Hill 4522

Blowers and Exhaust Fans Mnfrs.
Batterman Truitt Co (C O Hall), 147-149 W 35th .....Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row.Cortland 8739
Wing L J Mfg Co, 352-362 W 13th.....Chelsea 7465

Blowers Rotary Positive Pressure.
Crowell Mfg Co, 296-298 Taaffe pl Bklyn.Prospect 3590

Blown Oils.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Blue and Black Prints.
New York Blue Print Paper Co, 102 Reade..Worth 600

Blue and Bluing.
Fischer C H & Co Inc, 111 Reade.....Worth 1542
Reckitts (U S A) Ltd, 90 W Broadway...Barclay 6675

Blue Print Dryer Mnfrs.
Revolute Machine Co, 417 E 93d.....Lenox 6984

Blue Print Filing Cabinets, Wood & Steel.
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church .....Cortland 684

Blue Print Machine Mnfrs.
Revolute Machine Co, 417 E 93d.....Lenox 6984

Blue Print Machinery.
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church .....Cortland 684

Blue Print Paper.
New York Blue Print Paper Co, 102 Reade.Worth 600
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church .....Cortland 684

Blue Print Sensitizing Machines.
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church .....Cortland 684

NEW YORK CITY—cont'd

Blue Prints.
Electro Sun Blue Print Company The, 27 Thames ..... Rector 5288
See our Catalog Space, page 924
Langton Co, 30 Church ..... Cortland 6221
See our Catalog Space, page 994

Blue Stone.
Partola Mfg Co, 160, 2d av ..... Orchard 8346

Board Clips (Striped Wood and Tarboard).
Sainburg L & Son, 65-67 W Houston ..... Spring 9842

Boards—Friction.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av ..... Gramercy 5400

Boards—Shoe Counter and Innersole.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av ..... Gramercy 5400

Boat Builders.
Neptune Boat Works (Wooden & Metallic, also Motor Boats), King & Dwight Bklyn ..... Hamilton 1244

Boat Covers—Canvas.
Columbus Mfg & Supply Co Inc, 830, 9th av ..... Columbus 7171

Boiler Compound.
Bird-Archer Co The, 90 West ..... Rector 3618
Dearborn Chemical Company, 299 Broadway. Worth 236
Elimoscale (Complies with United States Navy Specifications), 120 Broadway ... Rector 9174
Straus Boilerine Co, 50 Church ..... Cortland 757

Boiler Compound Metal Treatment.
Perolin Co of America The, 233 Bway .... Barclay 7846

Boiler Makers.
Beggs James & Co, 36 Warren ..... Barclay 5040
Godfrey Keeler Co, 70 Warren ..... Barclay 6775
Rowland & Burns, 39 Cortlandt ..... Cortland 3669

Boiler Makers & Dealers.
Fogarty Michael Inc, 531 West 33d ..... Greeley 3465
Olney Geo H & Co, 50 Church ..... Cortland 3756

Boiler Makers—Repairing A Specialty.
Fogarty Michael Inc, 531 West 33d ..... Greeley 3465

Boiler Makers, Water Tube and Fire Tuber Boilers.
Springfield Boiler Co, 52 Vanderbilt av. Murray Hill 8575

Boiler Setters.
B & S Contracting Co Inc, 96 Warren .. Barclay 6763
Lemb John & Sons, 177-179 Marion Bklyn ..... Bushwick 1145
See our Catalog Space, page 924
Universal Compound Co Inc ("Universal" Plastic Cement for Boiler Settings), 2 Rector ..... Rector 6162

Boiler Tubes.
Monongahela Tube Co, 29 Sullivan ..... Spring 9191
Parkesburg Iron Co The, 30 Church ..... Cortland 4470

Boilers, Engines & Machinery—New—Rebuilt.
Olney Geo H & Co, 50 Church ..... Cortland 3756

Boilers and Engines—New—Used.
Brooklyn Paper Mills, 96-98 Jay, Bklyn .... Main 1395

Boilers Inter Fired (Corrug or Adamson Ring Furnaces.)
Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

Boilers—Second Hand.
Brearley H P, 140 Cedar st ..... Rector 9448
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Boilers—Steam & Hot Water Heating.
Page Wm H Boiler Co The, 141-145 West 36th ..... Greeley 580

Boilers Tubular (With or without Steel Casings).
Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

Boilers, Vertical (Plain or Submerged Tubes.)
Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

Boilers Water Tube (Hor or Ver Baffles).
Walsh & Weidner Boiler Co The, 11 Broadway ..... Bowling Green 8074

Bolivian Wool.
Bolivian Wool Co The Inc (The Best Mills Use Dependably Graded "C L B" Alpaca, Llama and Other Wools. Principal Branch Office, Puerto-Acosta Bolivia S A), 11 Bway ..... Bowling Green 8298

Bolting Cloth & Grit Gauzes.
Traber A P (Sole Importer Wydler Silk Bolting Cloth) 320-324 Bway ..... Worth 2087

Bolts—All Kinds.
Empire City Screw Products Co, 12 W 62d Columbus 1952

Bolts, Expansion.
Star Expansion Bolt Co, 149 Cedar ..... Rector 4655
U S Expansion Bolt Co, 25 Elm ..... Worth 3785

Bolts & Nuts (Manufacturers).
Upson Nut Co The, 17 Battery pl ..... Rector 8973

Bolts, Nuts, Brass, Copper, Bronze, German Silver.
Hungerford U T Brass & Copper Co, 80 Lafayette ..... Franklin 5700

Bolts, Nuts and Rivets.
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City ..... Cortland 8650

Bolts, Nuts, Washers, Jacks, Picks, Shovels.
Green G S Co Inc, 74 Warren ..... Barclay 8688

Bonds.
Mandeville H L, 120 Bway ..... Rector 7558

Bonds Guarantee.
National Surety Co (Home Office), 115 Broadway ..... Rector 8000
National Surety Co (Daniel A McCann, Vice Pres), 192 Montague Bklyn ..... Main 4480

Bonds & Stocks.
Brooks P W & Co Inc, 115 Broadway ..... Rector 1432
Edwards A G & Sons, 38 Wall ..... John 606

Bonds Surety.
National Surety Co (Home Office), 115 Broadway ..... Rector 8000
National Surety Co (Daniel A McCann, Vice Pres), 192 Montague, Bklyn ..... Main 4480

Book Edge Gilders & Book Stampers.
Marchetti R & Bro (Book Gilding Card Beveling & Bordering), 35 Great Jones. Spring 7040

Book Edge Gilders, Bordering and Beveling.
Bernard Jos B, 21 E 4th ..... Spring 5585

Book Publishers and Book Mnfrs.
Menzies Publishing Company Inc, 110 E 23d ..... Gramercy 5535

Bookbinders.
Baylis Bindery, 33rd to 34th sts, 8th av .. Greeley 4051
Gardiner Binding & Mailing Co (Pamphlet, Catalog, Newspaper, Binding and Mailing) 76-88 Lafayette ..... Franklin 4140
Lewis Eugene C Company, 33rd to 34th sts, 8th av ..... Greeley 4051

Bookbinders' Machinery.
Gane Bros & Co, 106-110 Lafayette ..... Franklin 746
Standard Machinery Co (Branch), 41 Park Row ..... Cortland 1177

Book Binders Machinery—Mnfrs.
Hoole Machine & Engraving Works Inc, 29-33 Prospect Bklyn ..... Main 2426

Bookbinder's Machinery—Ruling, Paging & Feeding.
McAdam John & Sons, 978 Kent av, Bklyn ..... Prospect 8463

Bookbinders Material—Artificial Leather.
Du Pont Fabrikoid Co, Equitable bldg, 120 Broadway ..... Rector 5720

Bookbinders & Other Boards Paper, Glues & Gelatines.
Hewitt C B & Bros, 48 Beekman ..... Beekman 3720

Bookbinders' Supplies.
Becker Supply Co, 24 E 13th ..... Stuyvesant 594
Gane Bros & Co, 106-110 Lafayette ..... Franklin 746
Holliston Mills The (New York Office & Warehouse), 2 W 13th ..... Chelsea 4765
See our Catalog Space, page 925

Bookbinders with Celluloid.
Steinberg S & Son, 149-153 Wooster ..... Spring 5172

Bookkeeping Systems.
Spiegel's System of America Inc, 309 Broadway ..... Worth 2221
See our Catalog Space, page 925

Booklets—Advertising and Merchandising.
Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and Other Printed Novelties for Children and Grown-ups. Cardboard Toys), 461, 8th av .. Greeley 1010
See our Catalog Space, page 997

Books, Autographs, Bought and Sold.
Madigan Thomas F (Highest prices paid for Celebrities' Autographs), 507 5th av ..... Murray Hill 2654

Books, Bought and Sold.
Thoms & Eron Inc (Large and Small Collections of Books as well as complete libraries bought for spot cash. Correspondence cheerfully answered) 50 John ..... John 4825

Books, Foreign.
Steiger E & Co, 49 Murray ..... Barclay 6134

Books and Periodicals—Medical and Chemical.
Login B & Son, 152 E 23d ..... Gramercy 6166

Books Purchased and Sold.
Brown Alexander M Inc (Entire Libraries and Single Books), 5 Beekman ..... Cortland 3018

Booksellers—Military.
Appleton Edwin N, 1 Broadway .... Bowling Green 8535

Booksellers—Military and Naval.
Appleton Edwin N, 1 Broadway .... Bowling Green 8535

Booksellers—2nd Hand Libraries Bought.
Davis Richard, 47 Vesey.....Cortland 4604

Boot and Shoe Findings.
Bliss Wm B Jr & Co (Shoe laces, bias bindings, webs, ribbons, stays, trimming, cut cloths, cotton imitation leather), 114, 5th av..Chelsea 8283
Vanity Shoe Lace & Novelty Works The, 63 Varet, Bklyn.....Stagg 4523

Boot and Shoe Findings, Laces and Tapes.
American Cord & Webbing Co, 105 Hudson.Franklin 4109

Boring Machines.
American Machinery Exchange Inc, 217 Centre .....Canal 642

Borings for Foundations.
Phillips & Worthington, 90 West.....Rector 3017

Bottle Caps and Jar Caps, Cork Discs.
Silver Crown Disk Co, 1463 Broadway.....Bryant 3299

Bottle Dealers.
Glickstein Wilkenfeld & Terner, 240 N 10th Bklyn .....Greenpnt 4360

Bottle Dealers New & Second Hand.
Glickstein Bros & Co, 413-15 E 109th..Harlem 207

Bottle Dealers—Second Hand.
Asch Bros, Est 1888 (Export Trade Solicited), 153 Goerck .....Orchard 376

Bottle Packing.
Boston Excelsior Co, 30th and North River.Chelsea 7700

Bottlers Machinery and Supplies.
Cahn Hugo & Co, 257-265 West 17th....Chelsea 3448
Heyman Oscar & Co, 220-230 W 19th....Chelsea 8550

Bottlers Sealing Wax.
Davids Bros Inc, 79 Cortlandt.....Cortland 691

Boudoir Caps & Boudoir Accessories.
Strauss William Co Inc, 22-28 W 21st..Chelsea 9752

Bowling Alleys and Supplies Mfrs.
Brunswick-Balke-Collender Co of N Y The, 29 W 32d .....Madison Sq 6180

Box Boards.
La Boiteaux C L Co, Fifth Avenue bldg.Gramercy 6034

Box Printing Plates.
Moss Henry & Co, 37-A Beaver.....Broad 5011 Ex 3

Box Shooks.
Chicago Mill & Lumber Co (H R Owen Mgr) 19 W 44th.....Vandrblt 4320
Dunning-Varney Corporation, 99 Warren..Barclay 5505
Green A H Company The, 97 Warren.....Barclay 9930
Richards O S Corp, 87, 34th, Bush Terminal Bklyn .....Sunset 5500
Tifft Bros, 2 Broadway.....Broad 2245

Box Shooks Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), 77 Warren.....Barclay 8570

Box Strapping.
De Haven Mfg Co, 50 Columbia Hgts, Bklyn .....Main 5620
Independent Metal Strap Co, 56 Prince...Spring 9114
Stanley Works The, 100 Lafayette.....Franklin 705
Twisted Wire & Steel Co, 437-453 Eleventh av .....Greeley 2909

Box Strapping, Soft Wire.
Gerrard Wire Tying Machines Co (Gerrard Method), 77 Warren.....Barclay 8570

Box Strapping, Steel.
Acme Steel Goods Co, 305 Lafayette.....Spring 989

Boxes, Dealers (Packing) Second Hand.
Ryan P, 550-560 Washington.....Spring 1837
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Boxes, Mnfrs.
Bogert & Hopper (Locked Corner Boxes Turned Wood Products) 65 Barclay..Barclay 7416
Dunning-Varney Corporation, 99 Warren..Barclay 5505
Green A H Company The, (Locked Corner, Polished Hardwood—Box Shooks) 97 Warren .....Barclay 9930
New England Box Co The (Largest Exclusive Manufacturers of Lock Cornered Wooden Boxes in the United States) 20 Park pl.Barclay 6834

Boxes, Mfrs. Metal.
Star Metal Box Co, 507-9 W 19th.....Chelsea 8691

Boxes, Mnfrs.—Wooden.
Peterson F W Co, (Locked Corner, also Wood Turnings) 68 Thomas.....Worth 2073

Boxes Mfrs—Wooden (Turned & Lock Corner) Shooks.
Estes E B & Son, 362, 5th av.....Greeley 4820

Boxes, Manufacturers—Corrugated and Fibre.
Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

Boxes—Polished Hardwood.
Bubeck & Guerin, 161-163 W 18th.....Chelsea 4119

Boxes, Wire Bound.
Chicago Mill & Lumber Co (H R Owen Mgr) 19 W 44th.....Vandrblt 4320

Boys' Blouse Mfrs.
Edman Sol & Son, 537 Broadway.....Spring 3159

Braids.
Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Cotton Mercerized, silk, Soutache, ricrac hercules), 114, 5th av .....Chelsea 8283
Freydberg Bros Inc, 44-46-48 W 18th....Chelsea 4341
New York Tassel & Cord Co Inc, 35 Howard.Canal 8618
Sanford Narrow Fabric Co (Washable Narrow fabrics of every description), 351, 4th av .....Mad Sq 523

Braids & Dress Trimmings.
Mandel's George Sons, 16-18 W 22d....Gramercy 3969

Brake Shoes for Steam and Electric Railways.
Railway Materials Co The, Singer bldg...Cortland 6547

Brass.
Pope Trading Corp Inc, 90 West.....Rector 2436

Brass Articles of Any Description.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688
Novelty Wire Works, 840 Broadway....Stuyvesnt 1190

Brass Checks.
Moss Theo & Co (Most Modern Equipped Plant), 82 Broad, 1143 DeKalb av, Bklyn.....Broad 912

Brass Checks and Badges.
Moss Henry & Co, 37-A Beaver.....Broad 5011 Ex 3

Brass Checks, Plates, Labels, etc.
Bishop Thomas H, 126 William.....Beekman 672

Brass Checks—Plates and Tags.
Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

Brass and Copper, Export Shipments.
Railway Specialties Corp, 30 Church...Cortland 3602

Brass Founders, Finishers.
Brabson H, 63 Clymer Bklyn.....Williamsburg 4096

Brass Goods.
Eilers William R, 119 Sullivan.....Spring 4113
Peerless Light Co, 125 Chambers.....Worth 2058

Brass Goods Mnfrs.
New York Brass Turning Co, 231 Bowery.Orchard 9730

Brass Ingots (Red and Yellow).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Brass and Iron Wire Work.
Beere Wire & Iron Works, 294-296 Taaffe pl, Brooklyn .....Prospect 7688

Brass, Sheet, Rod Wire & Tube.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Brass Signs—In Quantity Only.
Rutledge Geo Co, 309 E 22d.....Gramercy 2846

Brassiere Mfrs.
Model Brassiere Co, 200, 5th av.....Gramercy 200

Bread & Biscuit Machinery.
Rockwell L A Co, 430-434 Smith, Bklyn .....Hamilton 52

Brewers Supplies.
Schwenker W M Inc, 340-42-44 E 92d....Lenox 435
Thomson J M & Co, Inc, 521 Broome.....Spring 3720

Bricks—Front and Paving Promenade Tile.
Williard C T Co Inc, 110 E 23d.....Gramercy 2727

Bricks, Mnfrs.
Kaolin Products Corporation, 120 Broadway.Rector 4540

Bricks, Mnfrs. and Dealers.
Puls Charles H, (Fire Brick, Red Brick, Paving Brick) 131-133 E 23d.....Gramrcy 5360

Bridal, Confirmation Veils, Wreaths, Bouquet Mfrs.
Dorros Bros (We Manufacture all our Materials), 98 3d av.....Stuyvesant 2190
Gladstone H Co 684 Broadway.....Spring 6924

Brief Cases.
Howard Specialties Co Inc, 15 Crosby.....Canal 8633

Brief Cases and Portfolios (Mfrs.)
Urband Leather Goods Co, 153-159 W 15th.Chelsea 1305

Briquetting Machinery.
General Briquetting Co, 25 Broad.....Broad 491

Bristles.
Cone Frederick H, 181 Front.....John 1998
Pollack Co The Inc, 249 Pearl .....Beekman 1927

Brokers.
Edwards A G & Sons, 38 Wall.....Cortl 606

Brokers and Merchants—Tobacco.
Tansy Tobacco Corporation (Virginia, Kentucky, Tennessee— Leaf in Hogsheads) 19 S William .....Broad 1913

NEW YORK CITY—cont'd

Bronze Ingots.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway ..... Barclay 8215
See our Adv. page 32, first page opposite Section 1

Bronze & Iron Ornamental.
Jackson Wm H Co, 2 W 47th ..... Bryant 8430

Bronze, Ornamental.
Tiffany Studios, 361 Madison av ..... Murry Hill 5592

Bronze Powder—Gold, Silver and Composition Leaf.
Thompson R R Co Inc, 38 W 32d ..... Mad Sq 647

Bronze Powder Manufacturers.
Baer Bros, 438 W 37th ..... Greeley 4106
Du Pont Chemical Works, Equitable bldg, 120 Bway ..... Rector 5727
Ehrmann Ludwig, 288 Bowery ..... Spring 1625
Kemp W H Company (Gold Paint, Bronze Liquids, Gilders' Materials) 165-167 Spring ..... Spring 1133

Bronze, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co, 80 Lafayette ..... Franklin 5700

Bronze Tablets and Letters.
Fiske J W Iron Works, 78-80 Park pl .... Barclay 6730
Forman Fred P, 1265 Bway ..... Mad Sq 9325

Bronze Tablets—Memorial.
Jackson Wm H Co, 2 W 47th ..... Bryant 8430

Bronze Tablets & Signs.
Abbott W H, 143 W 42d ..... Bryant 3929

Bronze Work Ornamental and Architectural.
Tyler W S Co The, 200, 5th av ..... Gramercy 4595

Broom and Brush Mnfrs.
Barry D J & Co, 83 Barclay ..... Barclay 5978

Broom Corn & Broom Manufacturers Supplies.
Josephie Geo Co Inc The, 227-229 Water. Beekman 3579

Broom Corn Green Color.
Horgan William J, 6 Platt ..... John 1625

Broom Machinery & Tools.
Josephie Geo Co Inc The, 227-229 Water. Beekman 3579

Brush & Broom Fibre.
Josephie Geo Co Inc The, 227-229 Water. Beekman 3579

Brushes (Tooth, Hair, Hand, Cloth and Hat).
Kyoto Manufacturing & Trading Co, 31 E 17th ..... Stuyvesant 3155

Brushes, All Kinds, Sanitary Wire Twisted.
Halsted Brush Co, 71-77 Park pl ..... Barclay 4383

Brushes—Artists Automobile and Card Writing.
Baker Brush Co Inc, 83 Grand ..... Canal 1775

Brushes—Automobile, Motor and Generator.
Corliss Carbon Co, 114 Liberty ..... Rector 6772

Brushes and Brooms.
Lewis Samuel, 78 Barclay ..... Barclay 5406

Brushes, Carbon.
Le Vallen Vitae-Carbon Brush Co, 521 W 23d ..... Chelsea 332

Brushes, Carbon for all Purposes Mnfrs.
Fleck Carbon Co, 71 W Bway ..... Barclay 6796

Brushes, Hand Wheel, Wire, Scratch.
General Platers' Supply Co Inc, 56 Wall .. Hanover 4260

Brushes, Household Varnish and Paint.
Hayes Duster Co, 5-7 W 4th ..... Spring 383

Brushes, Mnfrs.
Atlantic Comb Works, 10-12 E 38th ... Vandrbilt 4691
Bradley & Smith, 249-51 Pearl ..... Beekman 180
Gutzler George F Inc, 28 Rodney Bklyn .. Wmsburg 21
Holton & Adams, 29 E 22d ..... Gramrcy 4279
Kelly E J (Everything in Brushes), 127 Reade ..... Worth 791
Sekine I Company Inc, 114-116 E 16th. Stuyvesant 2206
Warner W E (Brush Mnfrs, Specialties—Mills & Factories), 138 Centre ..... Franklin 4527
Wolf's S Sons, 753, 9th av ..... Colmbus 222

Brushes, Motor and Generator.
Corliss Carbon Co, 114 Liberty ..... Rector 6772

Brushes, Shaving.
Federal Supply & Mfg Co Inc The, 2 Stone. Broad 2433

Buckets, Clamshell.
Brown Hoisting Machinery Co The (Richard Devens), 50 Church ..... Cortland 3798

Buckets, (Clam Shell) Derricks, Fittings, Winches.
Green G S Co Inc, 74 Warren ..... Barclay 8688

Buckles.
Rothschild & Co, 30 W Houston ..... Spring 8736

Buckles, Celluloid, Pearl and Metal Novelties.
Reinheimer A & Bro, 11 W 25th ..... Farragut 9717

Buffing & Polishing Wheels.
General Platers' Supply Co Inc, 56 Wall .. Hanover 4260

Building Material; Second Hand.
Rheinfrank Building Material Co, Est 1877, 620 East 14th ..... Forsythe 9280
Seagrist Company, 1094 Brook av ..... Melrose 1143
Seagrist House Wrecking Corp, 533 E 18th ..... Grameroy 6584

Building Raisers & Movers.
Friestedt Underpinning Co, Woolworth bldg ..... Barclay 5644

Building Reports.
Dodge F W Co, 119 W 40th ..... Bryant 4800

Buildings, Portable Galvanized Steel.
Pruden C D Co The (Leigh Pruden), 56 Pine. John 2080
See our Catalog Space, page 926

Burglary Insurance.
National Surety Company (Home Office), 115 Broadway ..... Rector 8000
National Surety Company (Daniel A McCann, v pres), 192 Montague, Bklyn ..... Main 4480

Burlap Bag Marking Colors.
Horgan William J, 6 Platt ..... John 1625

Burlap and Burlap Bags.
Logie James & Co, 42 Broadway ..... Broad 4854

Burlaps.
Acme Burlap Bag Co, 89 Waterbury, Bklyn. Stagg 2700
See our Catalog Space, page 919
Bell Bag Co Inc, 61 Front ..... Hanover 682
See our Catalog Space, page 919
Farmers Bag & Burlap Co Inc, 11 Gold ..... John 716
Halsted E S & Co, 64 Pearl ..... Broad 3467
International Bag Co, 116 Broad ... Bowling Green 9575

Burlaps and Canvases for Interior Decorating.
Richter Mfg Co,, 131 E 23d ..... Gramercy 1316

Burners (Oil & Gas)
American Shop Equipment Co, 30 Church. Cortland 640

Burners—Pulverized Coal.
Gerdes & Company Inc, 28 Church ..... Cortland 7673

Burning Brands & Branding Irons.
Bishop Thomas H, 126 William ..... Beekman 672

Business Counselors.
Rankin Wm H Co, 25 E 26th ..... Mad Sq 7597
Woodwards Incorporated, 501, 5th av .. Murray Hill 8417

Business Training.
Alexander Hamilton Institute, 13 Astor pl. Spring 10100
See our Catalog Space, page 927
Hamilton Institute Alexander, 13 Astor pl. Spring 10100
See our Catalog Space, page 927

Butchers' Supplies.
Oppenheimer S & Co, 96-100 Pearl ..... Broad 4410

Butter Cutting Machines.
Standard Butter Cutter Co, 244 Greenwich. Barclay 9953

Button Colors and Dyes.
Horgan William J, 6 Platt ..... John 1625

Button Covering Machines & Button Mnfrs.' Supplies.
Defiance Button Machine Co, 43-47 W 24th ..... Farragut 3730
Menkin S Inc, 145 W 28th ..... Farragut 3420

Button Dies, Moulds and Machines.
Wiedhorn I A (Promoters, Producers and Designers of Manufacturers Tools, Moulds, and Machines for Covered & Metal Buttons), 227-229 W 29th ..... Chelsea 7382

Button Dyers, Engravers & Mfrs.
Artistic Pearl Button Co (Buttons Decorated, Colored, Engraved to order), 322 E 75th ..... Rhinlander 3498

Button Machinery.
Holub-Dusha Co, 1797-1807 First av ..... Lenox 913

Buttons, Buckles, Tapes.
Schlansky Samuel P, 8 Elizabeth ..... Franklin 784

Buttons (Mfrs.)
Haurowitz & Goldberg (Direct Manufacturers and Importers. Buttons and Buckles of Every Description. "Something New all the Time") 41-43 W 25th ..... Farragut 9540

Button (Mnfrs. & Importers).
Holub-Dusha Co, 1797-1807 First av ..... Lenox 913

Buttons (Mnfrs) Metal—Celluloid for Societies, etc.
Kraus I, 134 Clinton ..... Orchard 1728

Buttons (Mnfrs) Pearl.
Patent Pearl Button Works, 24 E 23d. Gramercy 5385
Zguris Paul, 21-25 E Houston ..... Spring 1768

Buttons (Mfrs.) of Pearl, Covered and Crochet.
Imperial Button Co, 7 W 22d ..... Grameroy 5879

Buttons (Mfrs)—Raincoat.
Alpha Button Co Inc, 835 Bway ..... Stuyvesant 5929

Buttons (Mfrs)—Shoe.
Alpha Button Co Inc, 835 Bway ..... Stuyvesant 5929

Buttons (Mnfrs)—Trousers & Clothing.
King James E & Co, 1183 Bway.....Farragut 3778

Cabinet Makers.
Brounstein J (Get our Estimate before sending out contract. Architectural Cabinet Work of Every Description), 166 William....Beekman 3139
New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026
Pinto John P, 612 W 55th.....Columbus 8492

Cabinet Work, Small (Finished Hardwood Boxes, Etc.)
Estes E B & Sons, 362, 5th av.....Gramercy 4820

Cables—Elevator, Annunciator, Light, Control, Stage.
Knickerbocker Annunciator Co, 116 West.Cortland 2301

Calcium Chloride.
Griffiths K F & Co, 81 Fulton.....Beekman 2238
Schwenker W M Inc, 340-42-44 E 92d....Lenox 435

Calculating Machines.
Monroe Calculating Machine Co, Woolworth bldg .....Barclay 5174
See our Catalog Space, page 905

Calculating Machines—All Makes Bought & Sold.
Adding Machine Inspection and Sales Co, 206 Bway .....Cortland 6739

Calendar Pad Designers, Manufacturers, etc.
Wiebush Calendar Importing Co (Calendars for the Printer and Jobber) 354 Bway.Franklin 2130

Calendars.
Wiebush Calendar Importing Co (Calendars for the Printer and Jobber) 354 Bway..Franklin 2130

Cam & Gear Cutting.
Cooney-Dunn Co, 72 Grand.....Canal 1700

Camera & Photographic Repairs and Supplies.
Archinal Adam, 61 Fulton.....Beekman 4083

Camp Chairs (To hire).
Hopper J M (Willis E Stafford & Son), 120-122 Livingston, Bklyn .....Main 180

Camp Furniture.
Telescope Cot Bed Co The, 535 E 79th....Lenox 7500

Cancelling Machines and Perforators.
Cummins B F Co The, 261 Broadway....Barclay 6472

Candle Holders for Birthday Parties.
Kashmer Co The, 8 Cooper Sq.....Spring 6716

Candles.
Columbia Wax Works, 749-751 East 137th.Melrose 2783
Gross A & Co, 90 West.....Rector 1521

Canisters and Bins—Tea, Coffee, Etc.
Empire Hardware Co, 85 Warren.....Barclay 5833

Cans.
American Can Co, (General Offices) 120 Broadway .....Rector 6900
American Can Co, (Atlantic District Sales Office) 447 W 14th.....Chelsea 4700
Gotham Can Co, 60 Eagle, Bklyn.....Greenpoint 2841
Pelletier Napoleon, 2d st near Broad Mapleth, Brooklyn .....Newton 1760

Canvas Covering New & Old.
Curtin John Inc, 2 South.....Bowling Green 8866

Canvas Covers.
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017

Canvas Covers, Army Tents, New & Second Hand.
Kane Edward J, 59 Ann.....Beekman 5436

Canvas Goods.
Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope, Canvas Slings), Marine Basin Ft. Hubbard, Brooklyn.....Bath Beach 2084

Canvas Water-proofing.
Longyear & Co, 253 Pearl.....Beekman 1531

Cap Screws.
Acorn Screw Products & Stamping Co, 217 Centre .....Canal 642

Capsules—(Gelatine).
Grape Capsule Co, 93 Nassau.....Cortland 530

Caramel Coloring.
Fries & Fries, 242 Pearl .....John 737
See our Catalog Space, page 931

Carbon Brushes.
Le Valley-Vitae Carbon Brush Co, 521 W 23d .....Chelsea 332

Carbon Brushes for all Purposes—Mnfrs.
Fleck Carbon Co, 71 W Bway.....Barclay 6796

Carbon Brushes for Motor & Generator.
Corliss Carbon Co, 114 Liberty.....Rector 6772

Carbon Paper & Typewriter Ribbon Colors.
Horgan William J, 6 Platt.....John 1625

Carbon Paper & Typewriter Ribbon Mfrs.
Fry Silas W Co (Eighty-Five Grades Paper. Wholesale, Retail, Export), 101 Beekman .....Beekman 3767

Carbon Tetrachloride.
Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

Carbonated Beverages.
Manitou Mineral Water Company The, 225, 5th av .....Madison Square 903
See our Adv. on Backbone and Catalog Space, page 980

Carbonated Water.
Manitou Mineral Water Company The, 225, 5th av .....Madison Square 903
See our Adv. on Backbone and Catalog Space, page 980

Carbonic Acid Gas.
General Carbonic Co, 444 Van Brunt, Bklyn Hamilton 2146
1654 Third av .....Lenox 9536
877 Flushing av, Bklyn Stagg 53

Carbons & Bortz.
Byron & Hall, 116 Broad.....Bowling Green 8925

Carbons & Bortz (Industrial Diamonds).
Diamond Drill Carbon Co The, 53-63 Park Row .....Beekman 2514

Carbosota.
Barrett Company The, 17 Battery pl.....Rector 600

Card Index Cabinets (Cloth Covered).
Sainburg L & Son, 65-67 W Houston.....Spring 9842

Card Index Systems.
Hull M Indexing Bureau, 220 Bway.....Cortland 4968
See our Catalog Space, page 928

Card Index Systems and Supplies.
Koller & Smith Company Inc, 159 Leonard .....Franklin 980

Card Mounting.
Mounting & Finishing Co Inc The, 68, 34th, Bklyn .....Sunset 5335

Cardboard Music.
Molinari G & Son, 112, 32d, Bklyn.....South 1779

Carousel Organs.
Molinari G & Son, 112, 32d, Bklyn.....South 1779

Carpet Colors.
Horgan William J, 6 Platt.....John 1625

Carpet & Rug Cleaners.
Jordan's New York Carpet Cleaning Works, 437 W 45th .....Bryant 4692
Long Island Carpet Cleaning Co, 7th & Webster avs .....Astoria 1990

Carpet & Upholstery Manufacturers' Journals.
American Carpet & Upholstery Journal, 41 Union Square .....Stuyvsnt 5220

Carpets.
Adler H Leonard & Co, 2 and 4 Stone.....Broad 1309
Manges Simon & Son, 83 Ave A.....Orchard 6686
See our Catalog Space, page 928

Carpets, Automobile.
Dusenbury Louis & Co Inc, 229, 4th av.Stuyvesant 7498

Carpets & Rugs.
Emery-Christopher Co, 149 Broadway...Cortland 1942

Cars, Industrial.
Easton Car & Construction Co, 30 Church .....Cortland 1198
Kilbourne & Jacobs Mfg Co The, 25 Broad..Broad 4699

Cars, Passenger & Freight—Second Hand—Rebuilt.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Cars: Railway (Freight passenger, etc.)
American Car & Foundry Co, 165 Bway..Cortland 8100

Cars—Second Hand and Rebuilt.
Hoisting Machinery Co, 50 Church.....Cortland 1992

Cars and Track—Industrial.
Gerdes & Company Inc (Switches, turntables, rails, portable tracks), 28 Church .....Cortland 7673

Carts.
Kilbourne & Jacobs Mfg Co The, 25 Broad..Broad 4699

Carved Art Furniture.
Russo I & Co, 519 West 45th.....Bryant 4551

Cash Registers.
Acme Cash Register Co, 346 W 42d.....Bryant 1355
See our Catalog Space, page 929
Store Specialties Co The (Dealers Supplied everywhere. National Cash Registers and all other makes Bought, Sold, Exchanged & Rebuilt. Catalogue on request), 1472-80 Bway.Bryant 3156

Cash Registers Wholesale—Parts & Supplies.
Store Specialties Co The (Dealers Supplied everywhere. National Cash Registers and all other makes Bought, Sold Exchanged & Rebuilt Catalogue on request) 1472-80 Bway.Bryant 3156

Casket Lowering Devices.
Frigid Fluid Co (E S Alwyn Agt), 439 Manhattan av .....Morningside 5127

Casket Textile.
Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

NEW YORK CITY—cont'd

Cast Iron Pipe.
Central Foundry Co The, 90 West st.....Rector 1860
See our Advertisement Outside Back Cover

Casters, Truck—Mill, Store & Factory.
Fowl Julius, 119 W 17th.....Chelsea 6186

Castings.
Kelly John H, 39 Cortlandt.....Cortland 2886
Lough Brothers (Gray Iron, Malleable and Die Castings) 90 West.....Rector 3655
Morris Elmer P, 136 Liberty .....Rector 826

Castings: Acid Resisting & Grey Iron.
United States Cast Iron Pipe & Foundry Co, 71 Bway .....Rector 655

Castings Brass, Bronze & Aluminum.
Beere Wire & Iron Works, 294-296 Taafe pl, Bklyn .....Prospect 7688

Castings—Bronze & Iron.
Pitz & Weber Foundry, Pulitzer bldg....Beekman 1041

Castings, Die.
Acme Die-Casting Corp (Accuracy Guaranteed. Aluminum and White Metals) Bush Terminal 5, 35th and 3d av, Bklyn.....Sunset 6443

Castings—Die Molded.
Doehler Die Casting Co, Court and 9th, Bklyn .....Hamilton 230
See our Catalog Space, page 940

Castings, Gray Iron.
Central Foundry Company The, 90 West...Rector 1860
See our Advertisement Outside Back Cover

Castings—Gray Iron & Brass.
Wood John Mfg Co, Bush Terminal, Bklyn.Sunset 6483

Castings: Iron (Grey Malleable).
American Car & Foundry Co, 165 Bway...Cortland 8100

Castings, Iron, Steel and Brass.
Gerdes & Company Inc (Also patterns & machine work), 28 Church.....Cortland 7673

Castings, Malleable, Cast Iron, Steel, Plain, Machined.
Pennell J F, 45 Broadway.....Rector 2729

Castings, Malleable Iron.
Chisholm-Moore Mfg Co The, 30 Church.Cortland 4545

Castings, Steel, Large and Small.
Detroit Steel Casting Co (P J Ryan, Rep) 30 Church .....Cortland 1809

Catalog Binders.
Gem Binder Co The, 65 West Broadway.Barclay 5927

Catalog Printers.
Eggers John H Co Inc (Unusual Inducements in Price, Quality and Speed of Production on Large Editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Catalog Printers Complete Service.
Arrow Press Inc, 324 W 39th.....Greeley 330

Catalog Service (Architectural).
Sweet's Catalogue Service Inc, 119 W 40th.Bryant 4800

Catalog Service (Engineering).
Sweet's Catalogue Service Inc, 119 W 40th.Bryant 4800

Caterers—Confectioners.
Mazzetti Louis F, 103-105-107 W 49th....Circle 2070

Caustic Soda.
Partola Mfg Co, 160, 2d av.....Orchard 8346
Thomson J M & Co Inc, 521 Broome.....Spring 3720
U S Chemical Exchange, 59 Pearl.....Broad 7250

Caustic Soda & Soda Ash.
Taylor B E Co, 56 Pine.....John 5894

Ceilings, Metal, Classic Designs.
Berger Mfg Co The, S E Cor 22d & 11th av .....Chelsea 1408

Celluloid.
A B C Art Works, 105 W 40th.....Bryant 1288
Napier-Browning Co (Everything in Celluloid), 105 W 40th.....Bryant 1288

Celluloid Bookbinders.
Steinberg S & Son, 149-53 Wooster.....Spring 5172

Celluloid Goods.
Atlantic Comb Works, 10-12 E 38th...Vandrbilt 4691

Celluloid—Holiday Goods, Manicure & Traveling Sets.
Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 W Houston.....Spring 2367

Cement (Mfrs.)
Alpha Portland Cement Co, Hudson Terminal bldg, 50 Church.....Cortland 8094
Coplay Cement Mfg Co, 200 5th av.....Gramercy 6050
Dexter Portland Cement Co, 103 Park av .....Murray Hill 4089
Giant Portland Cement Co, 30 Church...Cortland 8320
Lehigh Portland Cement Co, 30 E 42d.Murray Hill 8451

Cement—Belt & Household.
Du Pont Chemical Works, Equitable bldg, 120 B'way .....Rector 5727

Cement—High Temperature.
Botfield Specialties Mfg Co, 108-10 W 34th .....Greeley 4120

Cement Machinery, Crushers, Kilns, Tube Ball Mills.
Kennedy Van Saun Mfg & Eng Corp, 120 Broadway .....Rector 3855

Cement Sacks (Paper.)
Miller, Tompkins & Co, 487 Washington...Canal 9075

Centrifugal Machinery.
Tolhurst Machine Works (Mnfrs General Types. Especially Self Balancing Extractors) 111 Bway .....Rector 8971

Certified Public Accountants.
Nugent Thos J, 141 Broadway.....Cortland 4344

Chain, Elevating, Conveying & Transmission.
Chain Belt Co, 30 Church.....Cortland 3949

Chain Grates.
Green Engineering Co, 50 Church.....Cortland 6543

Chain Manufacturers.
American Ball Chain Works (Durbrow & Hearne Mfg Co) 12 Wooster.....Canal 8669
See our Catalog Space, page 1006
Jeffrey Mfg Co The, 50 Dey.....Cortland 5416
Morton Thomas (Transmission, Sash, Cable-Steel & Bronze), 245 Centre.....Spring 1407
Shays J R Jr, (American High Speed Chain Co) 30 Church.....Cortland 892

Chains—Hand Made.
Gerdes & Co Inc (Sling, Dredge, Crane, Hooks, Forgings), 28 Church.....Cortland 7673

Chains, Silent.
Morse Chain Co, 50 Church.....Cortland 6988

Chair Caning.
Cooper Jos, 406 E 20th.....Gramercy 1379

Chair Caning, Renovating and Polishing.
Groswald H, 104 E 3d.....Orchard 6435

Chair Manufacturers.
Atlas Seating Co (For theatres, churches, schools, factory & store stools, folding tables, camp chairs) 10 E 43d.....Murray Hill 1384
Columbus Mfg & Supply Co Inc, 830, 9th av .....Columbus 7171
Mahoney E H Chair Co (Mnfrs of folding and portable chairs), 141 W 42d.....Bryant 4010

Chairs—Auditorium Theatre.
Wisconsin Seating Factory, 105 W 40th...Bryant 264

Chairs & Beds for Invalids and Hospitals.
Knauth Bros, 220 Fourth av cor 18th....Styvesant 2523
See our Catalog Space, page 960

Chairs and Tables all Kinds.
Barry D J & Co, 83 Barclay.....Barclay 5978

Charcoal Iron Boiler Tubes.
Parkesburg Iron Co The, 30 Church....Cortland 4470

Check Writers and Protectors—New & Rebuilt.
Check Writer Mfrs (All Standard Makes Bought & Sold), 200 Broadway.....Cortland 578

Checking Systems for Hotels, Restaurants, Clubs.
Whitney Duplicating Check Co (Hotel, restaurant & club expert accountants) 250 W 54th.Circle 2267

Cheese Cloth—All New-Remnants for Polishing, etc.
Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

Cheese Cloth—Remnants for Cleaning and Polishing.
Economy Wiping Materials Co Inc, 453-455 W 16th.....Chelsea 8540

Chemical Apparatus.
Badger E B & Sons Co, 101 Park av....Vandrbilt 1719
Warner Chemical Co The (Chlorine & Caustic Soda, Electrolytic Cells) 52 Vanderbilt av .....Murry Hill 262

Chemical Apparatus, Driers, Digesters, Agitators, etc.
Wood John Mfg Co, Bush Terminal, Bklyn.Sunset 6483

Chemical Apparatus and Plant.
Thermal Syndicate Ltd, 50 E 41st.....Murry Hil 3619

Chemical Cans.
Pelletier Napoleon, 2d st near Broad st Maspeth, Bklyn .....Newton 1760

Chemical Experts.
Bull & Roberts, 100 Maiden Lane.....John 196

Chemical Fire Engines.
Ajax Fire Engine Works, 882, 3d av, Bklyn.Sunset 719

Chemical Lime.
Palmer Lime & Cement Co, 103 Park av .....Murray Hill 258
See our Catalog Space, page 970

Chemical Machinery and Equipment.
Jacoby Henry E (Evaporators, Dryers, Filter Presses and Special Apparatus) 95 Liberty.Cortland 370

Chemical and Medical Books—Periodicals.
Login B & Son, 152 E 23d.....Gramercy 61

Chemicals.

Alexander G S & Co Inc, 61 Broadway.....Rector 6170
American Aniline Products Inc, 80, 5th av.Chelsea 9500
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Barrett Company The, 15 Battery pl.....Rector 600
Caravel Co, 13-31 Park Row.....Barclay 8430
Coff-Garrod Co Inc, Woolworth bldg.....Barclay 4576
Cone Frederick H, 181 Front.....John 1998
Cooper & Cooper, 309 Broadway.....Worth 851
Du Pont Chemical Works, Equitable bldg, 120 Bway .....Rector 5727
Edgertyn Aniline Corp, 118 William....Beekman 964
Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433
Griffiths K F & Co (Industrial Chemicals for Manufacturing Purposes) 81 Fulton .....Beekman 2238
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 80 Maiden Lane .....John 6444
Hellenic Chemical & Color Co Inc, 427 W 13th .....Chelsea 7862
Hirsch H A, 68 William.....John 2277
Horgan William J, 6 Platt.....John 1625
Jordan William E Inc, 11 Cliff.....Beekman 1758
Kaolin Products Corporation, 120 Broadway.Rector 4540
Katzenbach & Bullock Co, 100 William.....John 5797
Laidlaw, Kelley & Co Inc, 14 Platt.....John 1566
National Brokerage Co (Brokers, All Drugs & Heavy Chemicals), 116 Nassau...Beekman 486
National Color & Chemical Works, 59th & 11th av .....Columbus 9700
Parex Manufacturing Co (Analytical, photographic, technical chemicals—all purposes), 247 Pearl near Fulton.....Beekman 1865
Partola Mfg Co, 160, 2d av.....Orchard 8346
Pope Trading Corp Inc, 90 West.....Rector 2436
Robertson Chemical Works, Inc, 106-108 Beekman .....Beekman 2860
Taylor B E Co, 56 Pine.....John 5894
Thomson J M & Co, Inc, 521 Broome....Spring 3720
Tower Chemical Co Inc, 258 Broadway...Barclay 4777
U S Chemical Exchange, 59 Pearl.....Broad 7250
Van Brunt J A & Co Inc, 114 John.....John 1982
Wellman B & Co, 132 Pearl.....Hanvr 7034
Wiarda John O & Co, 259 Greene, Bklyn.Greenpnt 3090

Chemicals (Brokers).

Lyon Julian W, 99-101 Beekman.....Beekman 3040

Chemicals (Manufacturers).

British-American Chemical Co Inc, (Benzoic Sodium Benzoate, Salicylic Acids etc), 52 Vanderbilt av.Murray Hill 8996
Warner Chemical Co The, (Phosphate of Soda and Chlorine Compounds) 52 Vanderbilt av .....Murry Hill 262

Chemicals, (Mnfrs. Pharmaceutical Specialties).

Keene Co Ltd The, 335 Broadway.....Franklin 604

Chemicals, (Mnfrs. Sodium Permanganate, etc).

Kalbfleisch Corpn The, 31 Union Sq West .....Stuyvesant 3051

Chemicals—All Kinds.

Bayard Products Co Inc, 29 Bway.....Whitehall 620

Chemicals, Caustic Soda, Soda Ash, etc.

Bergere Et Compagnie, 309 Broadway.....Worth 3503

Chemicals—Dextrine, Starches, Colors, etc.

Morningstar B F, 256 B'way.....Barclay 5437

Chemicals—Electro-Platers and Mill Chemicals.

General Platers' Supply Co Inc, 56 Wall..Hanover 4260

Chemicals for All Mfg. Lines.

Asphaltum & Chemical Products Co The, Woolworth bldg .....Barclay 7924
See our Catalog Space, page 930

Chemicals, Nitrate of Soda, Napthalene, Formaldehyde

Bergere Et Compagnie, 309 Broadway.....Worth 3503

Chemicals, Potashes, Sodas, Phosphorus, etc.

Campbell C W, 15 Cliff.....Beekman 1720

Chemicals, Raw Materials and Mill Supplies.

Ratner A E Co Inc, 59 Pearl.....Broad 5234

Chemicals, Synthetic.

Fries & Fries, 242 Pearl .....John 737
See our Catalog Space, page 931

Chemicals, Textile & Leather.

Herrick & Voigt, 1 Liberty.....John 3397

Chemists, Analytical.

Bendiner & Schlesinger, 3d av & 10th....Orchard 1590
Bull & Roberts, 100 Maiden Lane.....John 196
Industrial Testing Laboratories (Chemical Biological Analysis, Foods & Beverages) 402 W 23d .....Chelsea 1844
Maywald, Frederick J (Experimental work, all kinds laboratory space to rent with equipment. Complete equipment for experimental rubber Compounding, Electrochemical Work) 89 Pine .....John 823
Palmenberg Oscar W (Fuel & Boiler Tests, Chemical Analyses, Test of Construction Materials, Crushing & Cementing. Chemical Engineering. Experts Legal Cases) 50 Church...Cortland 2290
Reed Laboratories The, 227-229 Fulton...Cortland 4918
See our Catalog Space, page 931
Research Laboratories Inc, 19 Park pl....Barclay 6987
See our Catalog Space, page 931
Schwarz Laboratories, 200 Worth.....Worth 1875
Stillwell Laboratories (Investigate and develop new processes and correct factory troubles. Specialize in Fertilizers, Water, Foods, Oils, Metals, Ores, Etc.) 76½ Pine.....John 1538

Chemists, Analytical and Consulting.

Harris Laboratory Inc (Specialists, Coal, Water, Ores, Metals, Rubber), 26 Cortlandt .....Cortland 4963
Hochstadter Laboratories, 227 Front...Beekman 5260

Chemists, Consulting.

Maywald Frederick J (Remedying defects in processes, investigations of complaints. Expert in litigation, manufacturing formulas, experimental tests of new processes, analyses) 89 Pine .....John 823

Chemists, Manufacturing.

Florasynth Laboratories Inc, 231 Pearl.....John 5303

Chevrons.

Kraft H, 38 E Houston.....Spring 4041

Children's Wear-Manufacturers.

Rabinovitz & Kinsberg (Children's Junior and Intermediates' White Dresses), 122-130 W 27th.....Farragut 2120

Chimney Architects.

Heincke H R Inc (Chimney Designers, Builders and Repairers. If You Need a New Chimney or Desire One Repaired, Consult Us) 147, 4th av .....Stuyvesant 2686

Chimney Builders.

Heincke H R Inc (Chimney Designers, Builders and Repairers. If You Need a New Chimney or Desire One Repaired, Consult Us) 147, 4th av .....Stuyvesant 2686
Heine Chimney Co The, 30 Church.....Cortland 2336

Chimney Builders (Radial Brick).

Bergen & Lindeman Inc, 120 Liberty.....Rector 6316

Chimney Builders Radial Brick and Concrete.

Rust Engineering Co The, 25 Church...Cortland 6816

Chimney Experts.

Whitely Frederic N, 215 Fulton, Bklyn.....Main 1613

China Antiques, Bric-a-Brac, Glass and Fans Repaired.

Noble F Co, 130 Lexington av, near 29th..Mad Sq 2304

China, Earthenware, Tea Pots, Bric-a-Brac.

Slimmon Robert & Co 96 Church.....Barclay 6040

China, Glass Decorators—Wholesale.

Flogel Decorating Works, 129-131, 5th av.Gramercy 5121

Chinese Goods.

Fo Sing Yuen & Co, 104 E 15th .....Stuyvesant 468

Chiropodists.

Achfeldt M (An Appliance for every foot trouble) Marbridge bldg, 13[illegible] B[illegible] [illegible] Greeley 623[illegible]
See our Catalog Space, page 932

Chiropractic and Obesity Specialists.

Nielsen Julie K, 120 E 34th.....Murray Hill 7886

Chiropractic Schools.

New York School of Chiropractic, 1416 B[illegible] Bryant 6956
See our Catalog Space, page 1005

Chisels—Cold and Cape.

Star Expansion Bolt Co, 149 Cedar.....Rector 4655

Chlorate of Potash.

Partola Mfg Co, 160, 2d av.....Orchard 8346

Chloride Lime.

Thomson J M & Co Inc, 521 Broome.....Spring 3720

Chloride of Lime—Caustic Soda.

Hirsh Leon & Son, 368 Greenwich.....Franklin 211

Chlorine Products.

Innis Speiden & Co, 46 Cliff.....Beekman 4031

Chocolate and Cocoa Mnfrs.

Rockwood & Co, 88 Washington av, Bklyn .....Wmsburg 4501

Christmas Birthday & Easter Cards—Calendars.

Hills & Hafely Co, 27 East 22d.....Gramercy 4870

Chronometers Bought, Sold, & Repaired.

Cerf Lester, 47-49 Maiden La.....John 3709

Chucks—Quick Change Drill Tap, etc.

Modern Tool Co (P B Oatman, Mngr), 2 Rector .....Rector 6639
Modern Tool Co (F Wesley Parker, Mgr, Export Dept), 2 Rector.....Rector 6161

Church Bulletins, Metal Changeable Letter.

Clark W L Co The, 115 Nassau.....Cortland 3577

Church Furniture.

Atlas Seating Co (Altars, Pews, Pulpits, Confessionals, Prie Dieus) 10 E 43dMurry Hill 1384

Church Vestments.

Cox Sons & Vining, 72 Madison av.....Mad Sq 8545

Chutes for Foundation Wall.

Jackson Edwin A & Bro Inc, 50 Beekman.Beekman 1841

Chutes, Spiral.

Minnesota Mnfrs Association (Heath & Ketter, Rep) Conveying Automatic Elevators, Gravity Conveyors) 30 Church .....Cortland 4541

Chutes—Steel.

Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Cider and Vinegar Mnfrs.

Duffy-Mott Co Inc, 502 W 25th.....Chelsea 2812

Cigar Box Labels and Bands.

Moehle Lithographic Co The, Clarendon rd & E 37th, Bklyn.....Flatbush 5700

Cigar Lighter Mnfrs.

Bernhardt M E, 157 Chambers.....Worth 1681

Cigar Lighters & Gas Lighters—Mnfrs.

Mars Manufacturing Co, 102-104 Fifth av .....Far[illegible] 1746

NEW YORK CITY—cont'd

Cigar Tissue Wrappers, Top Sheets and Labels.
Kehlmann L Co, 229-239 W 28th.....Chelsea 7533

Cigarette Books, Tubes, Sheets, Rolls.
Spiegel Max, 54 Lispenard.....Franklin 888

Cigarette Paper and Tips and Label Printing.
Boucher Cork & Machine Co, 216 W 18th.Chelsea 4671
Kehlmann L Co, 229-239 W 28th.....Chelsea 7533

Cigarette and Solid Boxes, All Kinds.
Cohen M & Bro, 59-63 Liberty av, Bklyn.East N Y 4300

Cigarette Tubes & Booklets also Cubeb Tubes.
Strauch Co The, 41-43 Greene.....Canal 1768

Cigarettes, Manufacturers.
Chalkiadi T & Co Inc (Monogram, initial and private label cigarettes) 128 Water .....Hanvr 6143

Cigarettes, Mfrs. Banquets, Yachtsmen & Conventions.
Cado Co Inc, 145 Lafayette.....Canal 562
See our Catalog Space, page 932

Cigars, Importers & Mnfrs.
Preferred Havana Tobacco Co, 257 Fourth av .....Gramercy 6357

Cigars, Mnfrs.
De Nobili Cigar Co, 512 Hamilton, L I C...Astoria 412
Rodriguez Salvador ("Charles the Great" Factory Tampa Florida) 1600 Broadway.Bryant 8278
Tansy Tobacco Corporation, 19 S William..Broad 1915

Circulation and Subscription Promotion—Coin Cards.
Eggers John H Co Inc (Coin Cards, for every denomination and almost any combination of coins), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Clam Shell Buckets & Hoisting Machinery.
Haiss George Mfg Co, 141st & Rider av..Melrose 241

Clamps.
Brownie Mfg Co (Joseph F McCoy Co Agts), 157 Chambers.....Worth 1624

Cleaners & Dyers Materials.
Morgan Will J, 6 Platt.....John 1625

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The, 290 Broadway.....Worth 2598

Clipping Machines for Domestic Animals.
Gillette Clipping Machine Co, 129-131 W 31st .....Farragut 188

Cloak Hangers and Racks.
Novelty Wire Works, 840 Broadway...Stuyvsnt 1190

Cloak and Suit Mnfrs.
Schafran Bernhard (Manufacturer of The "English Picadilly" Brand), 16 E 33d .....Murray Hill 6727

Clocks.
Howard E Clock Co The, Maiden Lane & William .....John 3148

Clocks, Mfrs.—Ivory & Small Mahogany a Specialty.
Mfg Kat's Colney, 20 East 17th.....Styvsnt 4541

Cloth Cutting Machines.
Edwards John B Cutting Machines, 62 E 8th.Spring 7917
Maimin H Co Inc, 251 W 19th.....Chelsea 9370

Cloth Cutting Machines Electric.
United States Cloth Cutting Machine Co Inc The, 414 West Bway .....Spring 9296

Cloth Lined Papers, Perfect & Seconds.
Elish M M & Co Inc, 29 Beekman.....Beekman 29

Clothes Pin Manufacturers.
Enlow Co Inc, 362 Bway.....Franklin 1414

Clothes Pins, Wooden (In Fibre & Wooden Cases).
Estes E B & Sons, 362, 5th av.....Greeley 4820

Clothing, Boys.
Goodman Son & Rosenberg, 230-36 Throop av Bklyn.....Wmsburg 4566

Clothing Hangers, Display Forms, Racks, Fixtures.
National Hanger & Fixture Mfg Co Inc, "Faultless," 496-498 E 134th.....Melrose 4555

Clutches.
Smith Raymond W Inc, "Mule-Pull," 120 Liberty .....Rector 2408

CO_2 Recorders.
Uehling Instrument Co, Empire bldg.....Rector 9638

Coal Bunkers—Steel.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Coal Handling Machinery.
Brown Hoisting Machinery Co The (Richard Devens), 50 Church.....Cortland 3798

Coal Handling Machinery, Clam Shell Buckets, Etc.
Haiss George Mfg Co, 141st & Rider av..Melrose 241

Coal Hole Covers (Safety).
American Abrasive Metals Co, 50 Church.Cortland 7444

Coal Mining Machinery.
Jeffrey Mfg Co The, 50 Dey.....Cortland 5416

Coal Tar.
Barrett Company The, 17 Battery pl.....Rector 600

Coal Tar Products.
Barrett Company The, 17 Battery pl.....Rector 600
Jordan William E Inc (Chemicals, Coal-tar products, disinfectants, etc), 11 Cliff.Beekman 1758

Coal, Wholesale.
Borden & Lovell, 17 Battery pl.....Rector 3027

Coat Mnfrs.
Columbia Supply Co (Makers White Duck Clothing, All Purposes) 802 W 36th cor 8th av.....Greeley 2020

Coat & Suit Mnfrs.
Union Coat & Suit Co, 225, 4th av.....Gramercy 6847

Cocoa Butter.
Rockwood & Co, 88 Washington av, Bklyn .....Wmsburg 4501

Cocoa Powder.
Rockwood & Co, 88 Washington av, Bklyn .....Wmsburg 4501

Cocoanut Oil.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Cocoanuts.
Coamo Export & Trading Corp, 154 Nassau st.....Beekman 4505

Cod Liver Oil.
Job W & S & Co Inc, 29 Bway.....Whitehall 430
See our Catalog Space, page 933

Codes.
Business Code Co The, 10 E 58th.....Plaza 6439
Simplex Code Co (A B C Code 5th Edition Improved; Liebers and Western Union Codes), 116 Nassau .....Beekman 3644
Standard Code Co Inc (Bentley's Complete Phrase code; The Best five letter code admitted by the American & British Censors), 116 Nassau .....Beekman 3645

Coffee.
Cauchois Coffee Co, 36th and 7th av.....Greeley 145

Coffee also Tea and Spices—Wholesalers & Importers.
Scharf Supply Co The, 128 Water.....Hanover 6858

Coffee Mills Hand and Electric.
Empire Hardware Co, 85 Warren.....Barclay 5833

Coin Cards, Circulation and Merchandising Plans.
Eggers John H Co Inc (Coin cards, for every Denomination and almost any Combination of Coins), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Cold Drawn Steel.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795

Cold Storage Insulation.
Richmond & Daniels Inc, 90 West.....Rector 4681
Stone Junius H, 461, 8th av, cor 34th.....Greeley 4008

Cold Water Paints.
Carbola Chemical Co, 7 E 42d.....Murry Hil 6930

Collars, Cleanable.
Arlington Company, 725 Broadway.....Spring 9900

Collecting Agencies.
Consolidated Credit Exchange The (Collections Throughout The World-Bonded Representatives Send Statements, No Charge unless Successful), 50 Broad.....Broad 258
Creditors-Audit Collection Bureau (Franklin H Brown Manager) (A Standard Powerful Agency to collect your delinquent accounts), 41 Union sq .....Stuyvesant 2482
See our Catalog Space, page 933
Dodd Wm H (Quick Collections, Established Twenty Five Years), 87 Nassau.....Cortland 6231
Kopp Mercantile Agency The (Prompt Service, no Collection, no Charge), 483 Knickerbocker av, Bklyn.....Evergreen 86
National Collection Agency, 51 Chambers..Worth 2329
See our Catalog Space, page 934
Trochman Clearing Credit Co (Quick Results. Claims Received and Presented Same Day and reported to you immediately. No Collection No Charge), 220, 5th av.....Mad Sq 9367
U S Adjustment Co (Prompt, Efficient Service; Immediate Reports. Wire us Your Business at our Expense), 261 Bway.....Barclay 4674

College Caps and Gowns.
Cox Sons & Vining, 72 Madison av.....Mad Sq 8545

Color Manufacturers.
Childs Charles M & Co Inc, 41 Summit Bklyn .....Hamilton 1413
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 80 Madison Lane .....John 6444
Hellenic Chemical & Color Co Inc, 427 W 18th .....Chelsea 7862
Metropolitan Chemical Specialty Co, 87 Maiden la .....John 2145

Color Mnfrs. and Importers.
Crescent Color & Chemical Works, 59th & 11th av.....Columbus 9700
Fezandie Felix, 205 Fulton.....Cortland 1460
Heller & Merz Co The, 505 Hudson.....Spring 9105
Katzenbach & Bullock Company, 100 William .....John 5797
Meyer G A & E, 135 William.....John 1005

Colors, Aniline.
Horgan William J, 6 Platt.....John 1625

Columns, Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 71 Bway .....Rector 655

Comb Manufacturers.
Atlantic Comb Works, 10-12 E 28th....Vandrbit 4691
Vulcanized Rubber Co The, 251, 4th av..Gramercy 3716

Combustion Recorders.
Uehling Instrument Co, Empire bldg.....Rector 9638

Commercial Chemicals.
Horgan William J, 6 Platt.....John 1625

Commission Merchants.
Cone Frederick H, 181 Front.....John 1998
Cooper & Cooper, 309 Broadway.....Worth 851

Commission Merchants, Importers & Exporters.
Stahel Edward P & Co, 354, 4th av.....Mad Sq 680

Compo-Board.
Wright Lumber Co Inc 140-154 W 38th.Greeley 292

Composition Flooring.
Asbestolith Manufacturing Co (Resilient, fireproof, sanitary flooring, wainscoting, stairs), 1 Madison av .....Gramercy 3794
Linotol Flooring Co, 26 Reid, Bklyn....Hamilton 2309

Composition Flooring—Sanitary Plastic.
General Kompolite Co, 325 Borden av, L I C .....Hunters Pt 5361

Compressors, Air.
Curtis Pneumatic Machinery Co, S Hudson Terminal bldg.....Cortland 2818

Compressors, Garage.
Curtis Pneumatic Machinery Co, S Hudson Terminal bldg.....Cortland 2818

Concrete Anchors, Inserts, Expansion Bolts.
Richmond Screw Anchor Co, World bldg.Beekman 4000

Concrete Carts.
American Cement Machine Co The Inc, (Edw Ehrbar, Mgr), 270 West.....Canal 8473

Concrete Construction.
Raymond Concrete Pile Co, 90 West.....Rector 1921

Concrete Form Ties for Concrete.
Richmond Screw Anchor Co (Tyscru) World bldg .....Beekman 4000

Concrete Heaters.
Gerdes & Co Inc (Oil Burning for Concrete Mixers), 28 Church.....Cortland 7673

Concrete Mixers.
American Cement Machine Co The Inc, (Edw Ehrbar, Mgr), 270 West.....Canal 8473
Austin F C Company Inc, 30 Church....Cortland 666
Chain Belt Company, 30 Church.....Cortland 3949
Koehring Machine Company, (R E Brooks Dist Mngr), 50 Church.....Cortland 8983
Lansing-Company, 288-289 West st.....Canal 9073
Marsh-Capron Mfg Co (A S Haynes Dist Mgr), 120 Liberty.....Rector 4434

Concrete Piles.
MacArthur Concrete Pile & Foundation Company, 120 Bway.....Rector 1270
Raymond Concrete Pile Co, 90 West.....Rector 1921

Concrete Reinforcement.
Penn Metal Co, 559 W 36th.....Greeley 391

Concrete Re-Inforcing Bars & Mesh.
Corrugated Bar Co, 17 Battery pl.....Rector 4685

Concrete Reinforcing Plates & Floor Cores.
Berger Mfg Co The, se cor 22d & 11th av.Chelsea 1408

Conduit, Fibre.
American Conduit Co, 140 Nassau.....Beekman 4790

Conduits, Interior.
Triangle Conduit Co, 50-54 Columbia Heights, Bklyn .....Main 548

Confectioners (Mnfg.)
Elmer Candy Co Inc (Kelley Clarke Co, Eastern Reps), (Mnfrs High Grade Chocolate Package Goods), 100 Hudson .....Franklin 2853
Rueckheim Bros & Eckstein Inc (Cracker Jack, Angelus Marshmallow, Pop Corn) 41st and 2d av, Bklyn .....Sunset 4035

Confectioners and Chocolate Machinery New & Rebuilt.
Baum J Edward Inc, 606-612 W 55th...Colmbus 1932

Confectioners Machinery New, Second Hand, etc.
Old Colony Machinery Co Inc, 108 W 14th.Chelsea 1194

Confectioners, Novelties, Paper Hats, etc, Mnfrs.
Davidsohn Mrs I, 201 W 145th.....Audubon 7388

Containers.
American Container Co (Tin, Glass Paper Fiberoid), 1790 Broadway.....Columbus 5930

Containers, Corrugated & Fibre.
Chicago Mill & Lumber Co (H R Owen Mgr), 19 W 44th.....Vandrbit 4320

Contractors (Building).
Casper Ranger Construction Co, 101 Park av .....Murray Hill 2906

Contractors (Drilling).
Pennsylvania Drilling Co, 17 Battery pl..Rector 5993

Contractors (General).
Bishop J W Co, 101 Park av.....Murray Hill 3190
Leonard Construction Co, 17 Battery pl...Rector 9986
Smith, Hauser & MacIsaac Inc, 18 E 41st .....Murray Hill 447

Contractors' Equipment & Machinery.
Hubbard Floyd Co Inc The, 90 West st.....Rector 9860
See our Catalog Space, page 975

Contractors Equipment Second Hand.
Leaf E B Co, 50 Church.....Cortland 2656

Contractors Machinery & Clam Shell Buckets.
Haiss George Mfg Co, 141st & Rider av..Melrose 241

Contractors Machinery & Equipment.
American Cement Machine Co The Inc, (Edw Ehrbar, Mngr), 270 West.....Canal 8473

Contractors' Plant.
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Contractors and R. R. Supplies, Heavy Hardware.
Green G S Co Inc, 74 Warren.....Barclay 8688

Conveying Automatic Elevators, Gravity Conveyors.
Minnesota Manufacturers Association (Heath & Ketter, Rep,) (Chutes-Spiral) 30 Church .....Cortland 4541

Conveying, Elevating & Power Transmission Machy.
Jeffrey Mfg Co The, 50 Dey.....Cortland 5416

Coolers (Water) Inverted.
Cordley & Hayes (xxth Century) 7-9 Leonard .....Franklin 6015

Cooling Towers.
Hart B Franklin Jr & Co, 50 Church....Cortland 548

Cooperage.
Melcher J R, 25 Beaver.....Broad 3153

Cooperage Stock for Export—Barrels & Shooks.
Melcher J R, 25 Beaver.....Broad 3153

Coopers—Dealers in Second Hand Tight Barrels.
American Cooperage Co Inc, 223-235 Russell, Bklyn .....Greenpoint 2515

Copper.
Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metal), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, first page opposite Section 1

Copper Alloys: Boronic Metals.
LeBas Edward & Co (American Born Products Company Inc), 64-8 Broad.....Broad 5389
See our Catalog Space, page 912-913

Copper, Electrolytic.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Copper Expansion Joints.
Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

Copper Hot Water Boilers.
Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

Copper Leaf Brushes for Collector Rings, etc. (Mfrs).
Perfection Supply Co, 98 Park pl.....Barclay 9748

Copper, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Copper Steam-Jacketed Kettles.
Badger E B & Sons Co, 101 Park av...Vanderbilt 1719

Coppersmiths.
Badger E B & Sons Co, 101 Park av...Vanderbilt 1719
Berry A Copper Works, 249 W Bway...Franklin 3885
Gerdes & Co Inc (Chemical and Sugar Apparatus), 28 Church.....Cortland 7673
McNamara Thomas Co Inc (Marine Work a Specialty, All Kinds), 106-110, 25th (Ft 25th st) Bklyn .....South 4732
Trageser John Steam Copper Wks, 447-457 W 26th.....Chelsea 8140

Copperweld—Copperclad Wire.
Page Steel & Wire Co, 30 Church.....Cortland 3541

Copra—Importers.
Cook N B Oil Co, 148 Front.....John 434
See our Adv. page 1, Opposite Inside Front Cover

Cordage.
Whitlock Cordage Co, 46 South.....Hanover 1030

Cordage Machinery and Rope Experts.
Dailey C E, 96 Wall.....John 1565

Cordage and Rope.
New Bedford Cordage Co, 120 Bway.....Rector 9217
New York Cordage Co The, 123 Front.....John 2215

NEW YORK CITY—cont'd

Cordage—Rope (Sisal and Manila.)
Disbrow Cordage Co, 149 Church.....Barclay 5868

Cordage Rope & Oakum.
Central Rope Mfg Co Inc, 181-85 Scholes Bklyn .....Stagg 243

Cordage, Rope and Twine.
Grady M N Co Inc, 110-112 Read.....Worth 4690
See our Catalog Space, page 1019
Kelley Henry C Company, 35 Worth....Franklin 2700

Cords.
Manheim A & Co, 19 W 18th.....Chelsea 3971

Cords (Silk) Bath-Robe, Girdles, Tassels.
Eastern Trimming & Cord Co, 137-39 Wooster .....Spring 7078

Cords, Fringes, Tassels, Gimps.
Maag Edward, 32-46 W 23d.....Gramercy 5234

Cords, Fringes, Trimmings, Pompons & Tassels.
Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283

Cords, Tassels, Trimmings, Ornaments and Pompons.
Hofmann & Ellrodt Inc, 16-18 W 22d...Gramercy 4323

Corduroys.
Nathan Weiner & Co Inc, 257 4th av....Gramercy 3867

Core Compound.
Barrett Company The, 17 Battery pl.....Rector 600

Cork, (Composition) Boards, Sheets, Flooring, Etc.
Silver Crown Disk Co, 1463 Broadway....Bryant 3299

Cork Cigarette Tips & Tipping Machines.
Boucher Cork & Machine Co, 216 W 18th..Chelsea 4671

Cork Discs for Bottle and Jar Caps.
Silver Crown Disk Co, 1463 Broadway....Bryant 3299

Cork Gaskets & Carburetor Floats.
Paddock Cork Co (We make all specialties made of cork), 1215 DeKalb av, Bklyn...Bushwick 143

Cork Insulation.
Silver Crown Disk Co, 1463 Broadway....Bryant 3299

Cork Insulation for Cold Storage.
Richmond & Daniels Inc, 90 West.....Rector 4681

Cork Manufacturers.
Century Cork Co, 220-230 W 19th.....Chelsea 8550
Heyman Oscar & Co, 220-230 W 19th...Chelsea 8550

Corks.
Independent Cork Co Inc, 81-83 Sedgwick, Bklyn .....Hamilton 1076
International Cork Co, 99 Sutton, Bklyn ..... Greenpoint 5511
Truslow & Fulle Inc, 42 Wilson, Bklyn ..... Williamsburg 1083

Corks and Cork Specialties—Sheet Cork.
Silver Crown Disk Co, 1463 Broadway....Bryant 3299

Corner Bead Metal.
Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

Cornices & Skylights Wire.
American Globe Wire Works, 429 E 15th .....Stuyvesant 2568

Cornstarch Packers—Pure Food.
Daussa P & Co ("Marca Maizal" From very best maize) 200-210 Van Brunt Bklyn...Hamilton 1252

Corporate Financing.
Brooks P W & Co Inc, 115 Broadway.....Rector 1432

Correspondence Schools.
Prunera Studios of the Spanish Language, (Conversation, Commercial Spanish taught by correspondence) 80 Wall...Hanover 6273

Corrugated Fasteners, Steel.
Acme Steel Goods Co, 305 Lafayette.....Spring 989

Corrugated Paper.
Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

Corrugated Paper Boxes.
Grand Corrugated Paper Co Inc, 30-36 Crosby .....Spring 1057
Herman Wm & Co Inc, 103 Wooster.....Spring 2978
Interstate Corrugated Box Co, 2026-2032 Pacific, Bklyn .....E N Y 5308

Corrugated Paper Machinery.
Potdevin Machine Co, 253, 36th, Bklyn...Sunset 5181

Corrugated Paper Products.
Agar Mfg Co Inc, 167, 41st, Bklyn.....Sunset 3607

Corrugated Shipping Cases.
Mid-West Box Co, Woolworth bldg.....Barclay 5591
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Schinzel Geo P & Son Inc, 523-529, 8th av .....Greeley 6926

Corset & Brassiere Fabrics.
Steinam A Company, 114-116 Bleecker....Spring 9111

Corset Lacings—Silk.
Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283

Corset Manufacturers and Dealers.
Treo Company Inc (Manufacturers Treo Elastic Girdles and Corsets), 160, 5th av...Gramercy 158

Corset Materials.
Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Corset Lacings, Braids, Bindings, Ribbons, Edgings) 114, 5th av .....Chelsea 8283
Gates Thos B M (Specializing Corset laces, goring elastic. Silk and cotton bindings, tapes, narrow ribbons) 315, 4th av, cor 24th .....Gramercy 4629
Sanford Narrow Fabric Co (Cotton Mercerized and Silk Woven Trimmings, in Original and Select Designs), 351, 4th av.....Mad Sq 523

Corset Materials for Export.
Levy A A Co Inc (Everything Necessary for Manufacturing Corsets, Garters), 48 E 19th .....Gramercy 2344

Costumers.
Eaves Costume Co, 110 W 46th.....Bryant 7212
Reichardt Costume Co, 74 St Marks pl...Orchard 3135
Simowitch Max, 761, 6th av.....Bryant 6165
Tams Costume Co (Costumers to the Discriminating. Theatrical & Masquerade Costumes for every Occasion to hire or made to order), 1600 Broadway.....Bryant 7590

Costumers, Theatrical.
Wustl Carl A (Features, Cleanliness, Characteristics, fine costumes, promptness) 40 Union sq.....Stuyvesant 1623

Cot Bed, Camp & Lawn Furniture Mnfrs.
Telescope Cot Bed Co The, 535 E 79th.....Lenox 7500

Cotton Brokers & Merchants.
Shearson Hammill & Co, 71 Bway..Bowling Green 9920

Cotton Duck.
Boyle John & Co Inc, 112 Duane.....Worth 4770

Cotton Duck & Canvas Specialties for Every Purpose.
Stanley W W, 50 Church.....Cortland 5119

Cotton Dyes.
Sparks John C, 30 Church.....Cortland 1489

Cotton Fabrics.
Arnstaedt & Company, 104 E 25th.....Mad Sq 4873
Steinam A Company, 114-116 Bleecker....Spring 9111

Cotton Felt & Jute Batts.
New York Fibre Co, 555 Park av Bklyn.Wmsburg 4019

Cotton Goods.
Emery-Christopher Co, 149 Broadway...Cortland 1942

Cotton Goods & Bedding Supplies.
Hausman H & Co, 343 Canal.....Canal 3793

Cotton Goods—Commission Merchants.
Cassard Miron S & Co (Ross C Bayne), 72 Leonard .....Franklin 3712

Cotton Goods for Export.
Pottberg, Ebeling & Co Inc, 242-250, 4th av .....Gramercy 3983

Cotton Goods Jobber.
Simon Bros, 349 Canal.....Canal 3818

Cotton Goods Mnfrs—Dealers & Brokers.
Mill Remnants Co, 19 Bond.....Spring 5830
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Cotton Goods and Ticking Etc.
Mitchell R R Co The, 5th av & 15th...Stuyvsnt 348

Cotton Seed Meal.
Union Seed & Fertilizer Co, 65 Broadway.Rector 1910

Cotton Seed Oil.
American Cotton Oil Co, The, 65 Broadway.Rector 1910

Cotton Waste.
Economy Wiping Materials Co Inc, 453-455 W 16th.....Chelsea 8540
Egan Waste Co, 19 Burling Slip.....John 3465
Ellice John Co The, 189 Washington...Cortland 3463

Cotton Waste—Cheese Cloth—New Mill Wipers.
Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

Cotton and Woolen Waste.
Kaiser Chas A Inc (Wholesale Dealers in Sweater Mill Clips), 463-465 Keap, Bklyn ..... Stagg 3857

Cotton Wrapping Twine
Kelley Henry C Company, "Economy Quality" 35 Worth .....Franklin 2700

Counting Machines.
Durbrow & Hearne Mfg Co, 12 Wooster.....Canal 8669
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Counting Scales.
National Scale Co, 30 Church.....Cortland 1501

Coupon Books.
Rand McNally & Co, 42 E 22d.....Gramercy 3130
See our Catalog Space, page 998

Cranes.
Brown Hoisting Machinery Co The (Richard Devens), 50 Church.....Cortland 3798
Hoisting Machinery Co, 50 Church.....Cortland 1999
Northern Engineering Wks (R A Byrne) 120 Liberty .....Rector 88

Cranes (Electric).
Shepard Electric Crane & Hoist Co, 30 Church ..... Cortland 2565
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Cranes, Overhead. Hand Power, All Types.
Chisholm-Moore Mfg Co The, 30 Church. Cortland 4545

Cranes, Traveling & Jib.
Curtis Pneumatic Machinery Co, S Hudson Terminal bldg..... Cortland 2818

Crayons, Metal Workers.
Chrystal Chas B, 15 Cliff..... Beekman 1060

Crayons (Wax, School & Commercial) & Paint Sets.
Star Crayon Mfg Co Inc, 224 Centre..... Canal 8332

Crayons—School Chalk, Mill, Marking & Checking.
Binney & Smith Co, 81 Fulton..... Beekman 4020

Cremation.
Hopper J M (Willis E Stafford & Son) 120-122 Livingston, Bklyn..... Main 180

Creosote Oils.
Barrett Company The, 17 Battery pl..... Rector 600

Crepe Paper Napkins.
Elish M M & Co Inc, 29 Beekman..... Beekman 29

Crockery, Tea Pots, Art Goods, Motto Ware.
Slimmon Robert & Co, 96 Church..... Barclay 6040

Crown Corks.
Brooklyn Bottle Stopper Co, 99 Sutton, Bklyn ..... Greenpoint 5511
Frankel Max Co, 290 Pearl..... Beekman 4199

Crucibles—Imported Graphite.
General Platers' Supply Co Inc, 56 Wall. Hanover 4260

Crude Rubber.
Obalski & Sweeney Inc, 24 Stone..... Broad 1898

Crushing Machinery, Elevators, Screens.
Kennedy Van Saun Mfg & Eng Corp, 120 Broadway ..... Rector 3855

Crushing & Pulverizing Machinery.
Jeffrey Mfg Co The, 50 Dey..... Cortland 5416

Crutches.
Ditman A J, 2 Barclay..... Barclay 7045

Crystal Ceilings.
Keppler Glass Constructions Inc, 101 Park av ..... Murray Hill 7156

Crystallizers.
Aetna Steel Products Co Inc, 30 Church. Cortland 6424

Crystalllizers, Sugar (Open Closed or Semi-closed.
Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

Culverts—Cast Iron.
Donaldson Iron Co (John Fox & Co), 253 Bway ..... Barclay 6215
United States Cast Iron Pipe & Foundry Co, 71 Bway..... Rector 655

Custom House Brokers.
Sheldon G W & Co, 8 and 10 Bridge..... Broad 2420

Cutlery.
Westpfal Frederick & Bro, 186 E Houston. Orchard 1717

Cutlery—Safety Razor Mnfrs. for Large Users.
Burham Safety Razor Co The, 64 Murray. Barclay 5638

Cutters, Milling.
Detroit Twist Drill Co, 80 Warren..... Barclay 4702

Cutting and Bending Heavy Sheet Steel.
Standard Steel Sections Inc, 608 E 133d. Melrose 1966
See our Catalog Space, page 1009

Cutting Blocks.
New York Wood Working Corporation, 506 E 19th..... Gramercy 3239
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Cyanides—Potash, Soda and Mixture.
Van Brunt J A & Co Inc, 114 John..... John 1982

Cycle Accessories (Export.)
Kern Commercial Company, 114 Liberty... Rector 4713

Cylinders.
Welding Supply Co, 132 Nassau..... Beekman 4460
See our Catalog Space, page 1014

Dairy Machinery and Supplies.
Wisner Mfg Co, 230 Greenwich..... Barclay 9690

Damasks.
Schubert & Bender Inc, 200, 5th av..... Gramercy 1981
Tausend Felix, 576-578 Broadway..... Spring 2345

Davits.
Stewart Davit & Equipment Corporation, 17 Battery pl..... Rector 6679
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Daylo.
American Eveready Works, Thomson & Orton L I C..... Hunters Point 5100

Deaf, Instruments for.
Micropho-Detector Co Inc, 26 Cortland... Cortland 7290

Decalcomania.
Brown-Sinramm Co, 1 West 34th..... Greeley 1666
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray ..... Barclay 5969

Decomposed Silica.
Innis Speiden & Co, 46 Cliff..... Beekman 4031

Decorations—Artificial Flowers and Plants.
Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition 1915), 949 Bway and 175, 5th av..... Gramercy 2713

Decorations. For Celebrations, Special Occasions.
Hamilton W F Co, 49 W 58th..... Plaza 9751

Decorative Plants and Artificial Flowers.
Netschert Frank, 61 Barclay..... Barclay 6410

Decorators—Interior.
Tiffany Studios, 361 Madison av..... Murray Hill 5592

Decorators—Interior Decorators—Woodworkers.
Schleich & Smeraldi, 213 E 38th..... Vanderbilt 923

Defecators (With Copper or Steel Coils).
Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

Denatured Alcohol.
American Alcohol Co Inc, 60 Wall..... Hanover 6279

Dental Instruments.
Gratrath Chas, 360 W 50th..... Columbus 556

Dental Laboratories.
Griswold H E (Practical Prosthetics for the Particular Profession), 131 East 29th. Mad Sq 8133
Sweet Chester T (Jackson Regulating Appliances a Specialty), 17 W 42d. Vanderbilt 2278

Dental Manufacturers & Supplies.
Union Broach Co (Instruments, Burs, Broaches, Mirrors, Syringes, Teeth), 256 W 55th. Circle 4243

Dental Supplies.
Dentists' Supply Company The, 220 W 42d. Bryant 296
Economy Dental Supply Co (Mfrs Importers, Whol. Dealers Dental Specialties), 203 E 23d ..... Gramercy 1049
Specialty Mfg Co, (Manufacturers Dental Surgical Mirrors and Specialties) 15 Spruce ..... Beekman 2386

Dental Supplies, Manufacturers.
Fisher John C Mfg Co, 389-391 Hamilton L I C ..... Astoria 1787
Guarantee Dental Supply Co (Wholesale Manufacturers, Dealers, Exporters and Importers) 220 West 42d..... Bryant 6459

Derricks, Hoists & Winches Blocks & Rope.
Green G S Co Inc, 74 Warren..... Barclay 8688

Desk Blotting Pads, Etc.
Boorum & Pease Co, 84 Hudson av, Bklyn. Main 7986
See our Catalog Space, page 923

Desk Blotting Pads, Leather and Brass Corners.
Sainburg L & Son, 65-67 W Houston..... Spring 9842

Desks and Business Furniture.
Brounstein J (I do everything for the Office Partitions, Cabinet Work, Desks & Office Furniture Bought & Sold), 166 William. Beekman 3139

Detectagraphs.
Micropho-Detector Co Inc, 26 Cortland. Cortland 7290

Detective Agencies.
Burns Wm J, International Detective Agency, The Inc, Woolworth bldg..... Barclay 7600
See our Catalog Space, page 938
Eagle Detective Agency, 1265 Broadway. Mad Sq 8747
See our Catalog Space, page 939
McIlwraith Detective Agency (Personal Supervision given to all cases), 2 Rector... Rector 4472
McLellan's Detective Agency, 265 West 23d ..... Chelsea 3658
Mooney & Boland Detective Agency The, 152 Broadway ..... Cortland 7860
O'Brien's Captain D F International Detective Agcy, 112 E 23d..... Gramercy 82
Riley Domnick G Detective Bureau Inc, 225 Fifth av..... Mad Sq 7971
See our Catalog Space, page 940
Sheldon Detective Bureau, 33 West 42d. Vanderbilt 461
Sherman Detective Agency Inc, 20 Broad... Rector 9524
Taylor A M & Co Inc, 115 Broadway..... Rector 9268
Titus & Keleher (Guides furnished city visitors; reasonable rates), 115 Broadway. Rector 2671
Washington Detective Bureau Inc, 1441-1449 Bway ..... Bryant 1142
See our Catalog Space, page 939
Wisch P Edward Service Inc The, 13-21 Park Row ..... Barclay 8250
Young's Detective Agency (Geo H Young, Principal, Industrial Commercial and Personal Investigation, Prompt Efficient Service), 489, 5th av..... Murray Hill 1510

Dials.
Premier Metal Etching Co, 14th st & Van Alst av, L I C..... Hunters Pt 2064
See our Catalog Space, page 983

Dials for Clocks, Meters Indicators, Etc.
Manhattan Dial Mfg Co, 40 Lexington av, Bklyn ..... Prospect 1830

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Dials, Signs & Novelties Enameled.
Miller & Miller, 17 W 42d.....Vanderbilt 1235

Diamond Tools for all Mechanical Purposes.
Dessau's S Son, 180 Bway.....Cortland 5050

Diamonds For Mechanical Purposes.
Dessau Maurice S 6 Maiden Lane.....Cortland 6598
Ehrmann & Bahlsen, 2 Maiden Lane.....Cortland 7365

Dictaphone Dealers.
Dictating Machine Co Inc (McLaughlin Bros) (Slightly used Machines with Year's Guarantee), 175 Broadway.....Cortland 175

Dictaphones.
Columbia Graphophone Co, 55 Warren...Barclay 3043

Die Castings.
Acme Die Casting Corp, (Accuracy Guaranteed, Aluminum and White Metals) Bush Terminal No 5, 35th & 3d av, Bklyn.....Sunset 6443
American Casting & Mfg Corp, 28 Main, Bklyn.....Main 609
Doehler Die Casting Co, Court and 9th, Bklyn.....Hamilton 230
See our Catalog Space, page 940

Die Cutting Presses.
Standard Machinery Co, 41 Park Row (Branch).....Cortland 1177

Die Heads (Self Opening and Adjustable).
Geometric Tool Co The (Vandyck Churchill Co Rep), Singer bldg.....Cortland 714

Die Makers & Metal Stampers.
Mose Theo & Co (Blanking, Forming, Drawing and Combination Dies), 82 Broad and 1143 DeKalb av, Bklyn.....Broad 912

Die Sinking Machinery.
Keller Mechanical Engraving Co, 70 Washington, Bklyn.....Main 6770

Die Steel—Non-Shrinking.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795

Dies.
Keller Mechanical Engraving Co, 70 Washington, Bklyn.....Main 6770
Manufacturers Tool & Die Works, 540 W 22d.....Chelsea 5256
Nelson Tool Co Inc, 781-3 East 142d.....Melrose 9832

Dies, Cutting for Paper Envelopes Shirts, Leather, Etc.
Dewes John Gumbs Die Co, 403-405 Broome.Spring 5641

Dies—Letters & Figures (Steel) Mnfrs.
Keene Fred H, 149 Church.....Barclay 7195

Dies—Self-Opening and Adjustable.
Modern Tool Co (P B Oatmen, Mgr) 2 Rector.....Rector 6639
Modern Tool Co (F Wesley Parker, Mgr Export Dept) 2 Rector.....Rector 6161

Dies—Solid Adjustable.
Modern Tool Co (P B Oatmen, Mgr), 2 Rector.....Rector 6639
Modern Tool Co (F Wesley Parker, Mgr. Export Dept), 2 Rector.....Rector 6161

Dies—Steel Rule Cutting.
Smith P F, 240-242 W 41st.....Bryant 2408

Directories.
Wendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau.....Cortland 7630

Directories (Office Building.)
Tablet & Ticket Co, The, 381 Bway.....Franklin 2411

Directory of Advertisers with Service.
McKittrick Geo Co, 108 Fulton.....John 2536

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories) 227 Fulton.....Cortland 12084

Disinfectants.
Barrett Co The, 17 Battery pl.....Rector 600
Brown's Insecticide Co, 204 East 44th..Murry Hil 2271
Carbola Chemical Co, 7 East 42d.....Murry Hil 6930
Clifton Chemical Co, 317-319 Greenwich.Worth 1680
Dusenberry's "Creoleum" & "Mothaline", 95 Gold.....Beekman 2324
Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433
Frank P M Disinfecting Co, 91 Bleecker...Spring 8250
Ideal Disinfectant Co, 10 E 38th.....Vandrbit 4691
Ortmer Charles, 310 W 125th.....Morningside 6904

Display Easels & Racks.
Heitler Kurt, 221, 4th av.....Stuyvesant 7594

Display Fixtures.
Goldsmith M Co, 140-42-44 Stockton, Bklyn.....Williamsburg 2251
Novelty Wire Works, 840 Broadway....Stuyvant 1190

Display Fixtures & Forms.
O K Display Fixture Co, (High Grade enameled & Jersey forms), 37-47 Broome.....Orchard 8034

Display Fixtures & Forms Enamel & Papier Mache.
Starkman K, 798 Myrtle av, Bklyn.....Wmsburg 1340

Display Fixtures, Display Forms, Racks, Etc.
National Hanger & Fixture Mfg Co Inc, "Faultless" (For Men's Women's and Children's Wear), 496-498, 134th...Melrose 4555

Display Forms.
Kindlimann Jacob Form Co The, 419-421 Broome.....Spring 8287

Distilling Apparatus.
Badger E B & Sons Co, 101 Park av...Vandrbit 1719

Distilling Plants.
Row & Davis, Engineers Inc, 140 Cedar....Rector 9135

Distributors.
Rowan Richard J, (Advertising Matter of all kinds) 4215, 3d av cor Tremont av.....Tremont 2051

Divers.
Interocean Submarine Engineering Co Inc, 120 Bway.....Rector 3467
Merritt & Chapman Derrick & Wrecking Co, 17 Battery pl.....Rector 820

Dock Builders—Pile Drivers.
Tilley Harry H, 258 E 138th.....Melrose 667

Docks—Builders.
Raymond Concrete Pile Co, 140 Cedar.....Rector 9160
Spooner Allen N & Son Inc, Pier 11 N R..Rector 1331

Doll Mnfrs.—Unbreakable Dolls.
Federal Doll Mfg Co Inc, 663 Broadway...Spring 865

Dolls Unbreakable.
Elektra Toy & Novelty Co, 400 Lafayette...Spring 9961
Ideal Novelty & Toy Co, 273-87 Van Sinderen av, Bklyn.....East New York 2600
Modern Toy Co Inc, 181 Belmont av, Bklyn.....East N.Y. 1646

Dolls, Unbreakable, Mnfrs. Doll Heads & Hands.
Interborough Doll Co, 176-178 Wooster...Spring 7624

Door Saddles, Elevator & Other Doors (Safety).
American Abrasive Metals Co, 50 Church.Cortland 7444

Dowels, Wood (White Birch, Maple, Ash, Oak, Hickory).
Estes E B & Sons, 362, 5th.....Greeley 4820

Drafting Room Furniture & Supplies.
Pease C F Company The (T K Murney, East Sales Mgr) 30 Church.....Cortland 684

Draftsmen.
Engineers & Contractors Drafting Co, 10 E 43d.....Murray Hill 1197
Senior Geo A, 2 Rector.....Rector 3162

Drapery Hardware.
Judd H L Co, 87 Chambers.....Worth 3086

Drawing Materials.
New York Blue Print Paper Co, 102 Reade..Worth 600

Drawing Pencils.
New York Blue Print Paper Co, 102 Reade..Worth 600

Dredge Pipe—Steel.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Dress Fasteners.
Bird Fastener Co Inc The, 1133 Broadway.....Farragut 3778

Dress Fasteners—For Skirts & Dresses.
King James E & Co, 1133 Bway.....Farragut 3778

Dress Forms, Adjustable and Other Styles.
Kayes Mfg Co Inc, 496-498 E 134th....Melrose 4555

Dress Goods, Foreign and Domestic.
Merz Franz, 257, 4th av.....Gramercy 5301

Dress Mnfrs.
International Apparel Co, 37-39 W 28th.Farragut 3905
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Dress Shields—All Kinds.
Omo Mfg Co (De Graff & Palmer) 881 Bway.....Gramercy 267

Dress Trimmings (Rosebud & Ribbon Flower).
Star Flower Trimming Co, 44 E 23d....Gramercy 1096

Dress Trimmings & Bias Bindings.
Freydberg Bros Inc, 44-46-48 W 18th...Chelsea 4341

Dress Trimmings, Cords, Tassels, Fringes.
Eastern Trimming & Cord Co, 137-39 Wooster.....Spring 7078

Dress Trmgs&Flower Trmgs, Tassels, Ornaments, Etc.
Rosenblum & Co, 42 W 18th & 45 W 17th.Farragut 5884

Drill Rods—High Speed and Carbon.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795

Drillers, Core.
Pennsylvania Drilling Co The, Whitehall bldg.....Rector 5993

Drilling Machines.
American Machinery Exchange Inc, 217 CentreCanal 642
Terminal Machine Co, 406-408 Broome...Cortland 3169

Drills, Brick and Stone.
Star Expansion Bolt Co, 149 Cedar .....Rector 4655

Drills (Electric) for Metal and Wood Work.
Electric Machine Tool Co, 50 Church....Cortland 251

Drills (Electric) for Stone, Metal and Wood.
Electro-Magnetic Tool Co, 426 Broome....Spring 7086

Drills—Twist, Carbon and High Speed.
Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade.....Worth 3270

Drinking Straws & Tooth Picks Individually Wrapped
American Toothpick Co, 138 Sumpter Bklyn .....East N Y 5879

Drop Forgings, Rough and Machined.
Gerdes & Company Inc, 28 Church.....Cortland 7673

Drosses.
Central Smelting & Refining Co, 137th & Rider av .....Melrose 4185

Drug Brokers.
Huisking Chas L Inc, 5 Platt.....John 6186
Lincoln John W & Co, 106 Wall.....John 298
Lyon Julian W, 99-101 Beekman.....Beekman 3040
Taylor B E Co, 56 Pine.....John 5894

Drug Importers.
McLaughlin Gormley King Co, 207 Pearl....John 536
Stallman Arthur & Co, (Crude Drugs, herbs, roots, seeds, spices), 282 Pearl.....Beekman 4714

Drug Importers—Crude, Ground and Powdered.
Anderson P E & Co Inc, 99 John.....Beekman 1820

Drug Importers and Exporters.
Edgertyn Aniline Corp, 118 William.....Beekman 964
Lathrop H R & Co Inc, 110-116 Beekman ..... Beekman 2836

Drugs & Chemicals.
Schnauth Bros, 220 Fourth av cor 18th...Styvsnt 2523
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Druggists' Glassware, Boxes, Corks, Sundries.
Shannon & Fernheimer, 38 Murray.....Barclay 5987

Druggists' Rubber Sponges, Balloons, Novelties.
Caldwell William & Co, 96 Warren.....Barclay 6265

Druggist's Specialty Mnfrs.
Beek Drug Specialty Co (Toothache Gum, Menthol Pencils and Inhalers. Styptics, Caustics, Prescription Powder Papers, etc.), 143 Chambers.....Worth 4507

Druggists Sundries.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Lehr Eugene B, 26 E 22d.....Gramercy 3271
Stein Co The, 30 E 23d st.....Gramercy 3615

Druggists' Sundries & Glassware.
Schnauth Bros, 220 Fourth av cor 18th....Styvsnt 2523
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Druggists Sundries, Wholesale.
Lewis Chemical Co, 207 Church.....Franklin 5451

Druggists, Wholesale.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Caravel Co, 13-21 Park Row.....Barclay 8430

Drums—Steel.
Pressed Steel Products Co The, 50 Church .....Cortland 3492

Dry Color Mnfrs.
Herrmann Morris & Co, 200 Fifth av....Gramercy 3395

Dry Colors.
Horgan William J, 6 Platt.....John 1625

Dry Goods.
Mills & Gibb Corp, 4th av & 22d.....Gramercy 5560

Dryers.
Aetna Steel Products Co Inc, 30 Church.Cortland 6424

Dryers for all Purposes (Coal, Ore, etc.)
Ruggles-Coles Engineering Co, 50 Church.Cortland 4056

Dumb Waiters.
Fidelity Dumb-Waiter Guarantee Co, 142 E 14th.....Stuyvesant 1727
Sedgwick Machine Wks Inc.....Rector 2463
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Dump Cars (Automatic Air).
Kilbourne & Jacobs Mfg Co The, 25 Broad...Broad 4699

Duplicating Apparatus.
Beck Duplicator Co The, 476 Bway.....Spring 1790

Duplicating Machines and Supplies.
Dick A B Company, 395 Broadway.....Franklin 2563

Dust Collection.
Wagner J H, (Air Screening & Purification, odor removing), 191 Spencer Brklyn .....Williamsburg 1804

Dye Manufacturers.
Heller & Merz Co The, 505 Hudson.....Spring 9105

Dye Specialties.
Manufacturers Service Co (Ink Powders, Tinting & Perfuming Powders), 27 E 22d.Gramercy 2973

Dye Stuffs.
American Aniline Products Inc, 80 5th av.Chelsea 9500
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727
Fezandie Felix, 205 Fulton .....Cortland 1460
Hales W W, 100 William.....John 3151
Horgan William J, 6 Platt.....John 1625
Innis Speiden & Co, 46 Cliff.....Beekman 4031
Taylor B E Co, 56 Pine.....John 5894
Weil Color & Chemical Co, 27-29-31 Bleecker .....Spring 6422

Dye Stuffs and Chemicals.
Aniline Color Co The, 157 E 115th.....Harlem 4872
Bachmeier & Co Inc, 438-448 W 37th....Greeley 2864
Horgan William J, 6 Platt.....John 1625

Dye Stuffs, Colors & Chemicals.
Becker Pennrich & Co Inc, 82-92 Beaver.Hanover 2459
Standard Color Wks Inc, 55 Liberty....Cortland 6006

Dye Stuffs—Logwood, Hematine, Etc.
Asphaltum Chemical Products Co The, Woolworth bldg .....Barclay 7924
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Dye Stuffs & Wood Extracts Wholesale Distributors.
Jaffray Mfg Co Inc, 261 Broadway.....Barclay 5640

Dye Stuffs & Woods.
Caravel Company, 13-21 Park Row .....Barclay 8430
Hellenic Chemical & Color Co Inc, 427 W 13th .....Chelsea 7862
Linberg J F Co, (All Aniline Colors, All Dye Stuffs, Chemicals), 101 Beekman.Beekman 4910
National Color & Chemical Works, 59th & 11th av .....Columbus 9700

Dyes and Dye Stuffs.
Edgertyn Aniline Corp, 118 William.....Beekman 964
Horgan William J, 6 Platt.....John 1625
Leather Finishing & Dye Stuffs Co Inc, 267 W Broadway .....Franklin 4468

Dyes for Cotton.
Sparks John C, 30 Church.....Cortland 1489

Dyes for Silk.
Sparks John C, 30 Church.....Cortland 1489

Dyes for Wool.
Sparks John C, 30 Church.....Cortland 1489

Dynamite and Blasting Supplies.
Du Pont de Nemours E I & Company, Equitable bldg, 120 Broadway .....Rector 5720

Earth Colors.
Heller & Merz Co The, 505 Hudson.....Spring 9105

Earthenware, Fancy Goods, Tea Pots, Bric-a-Brac.
Slimmon Robert & Co, 96 Church.....Barclay 6040

Eave Trough and Conductor Pipes.
Berger Mfg Co The, S E Cor 22d & 11th av .....Chelsea 1408

Education.
Alexander Hamilton Institute, 13 Astor pl.Spring 10100
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Hamilton Institute Alexander, 13 Astor pl.Spring 10100
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Egg Cases.
New York Egg Case Co, 519 West 42d.....Bryant 7281

Elastic Braids; Flats, Cords & Ovals.
Bliss Wm B Jr & Co, 114, 5th av.....Chelsea 8283
Sanford Narrow Fabric Co, 351, 4th av..Mad Sq 523

Elastic Hosiery.
Eisen Wm M Co, 412, 8th av nr Penn Depot .....Chelsea 3372

Elastic Stockings.
Ditman A J, 2 Barclay.....Barclay 7045

Elastic Webbing.
Gates Thos B M (Elastic cords, braids, Garter, corset webbing), 315 4th av, cor 24th.....Gramercy 4629

Electric Clocks, Self-Winding and Program.
Howard E Clock Co The, Maiden lane and William .....John 3148

Electric Clocks, Watchman's and Time System.
American Watchman's Clock Co, 150 Nassau .....Beekman 4659

Electric Cloth Cutting Machines.
Maimin H Co Inc, 251 W 19th.....Chelsea 9370

Electric Drills and Grinders.
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580

Electric Drills for Stone, Metal and Wood.
Electro-Magnetic Tool Co, 426 Broome....Spring 7086

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Electric Dynamos & Motors, Plating and Power.
General Platers' Supply Co Inc, 56 Wall..Hanover 4260

Electric Exhaust Fan Mnfrs.
Batterman Truitt Co (C O Hall), 147-149 W 35th .....Greeley 4040

Electric Grinding Machines.
Electro-Magnetic Tool Co, 426 Broome....Spring 7086

Electric Incandescent—Mazda Lamps.
Muench Bros, 90 West.....Rector 5476

Electric Irons, Triple Heat.
Waage Electric Co, 150 Nassau.....Beekman 2921

Electric Lamps.
Metropolitan Electric Lamp Co (Distributors Edison Mazda Lamps) 1765 Broadway..Circle 1125

Electric Light Fixtures—Exterior.
Morris Elmer P, 136 Liberty.....Rector 826

Electric Lighting Fixtures.
Artistic Lighting Fixture Corp, 21-25 E Houston .....Spring 3733
Findlay Robt Mfg Co 28 Warren.....Barclay 7347
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Electric Lighting Fixtures, (Exporters).
Brascolite (Theodore Stave Company, Distributors) 30 Church.....Cortland 656
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Electric Lighting Fixtures for all Purposes.
Brascolite (Dale Lighting Fixture Co, Distributors), 107-9 W 13th.....Chelsea 3434
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Brascolite (Northwestern Electric Equipment Co, Distributors), 35 Vestry.....Canal 9080
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Electric Medical Apparatus.
Knauth Bros, 220 Fourth av cor 18th...Stuyvesnt 2523
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Electric Motor Repairing.
Leve Robert E, 19 E 32d.....Murray Hill 2649

Electric Motors.
Ameco Motor & Electric Co Inc, 217 Center.Canal 642
Goldberg Bernard, 220 Center.....Canal 8957
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Holcomb D S & Co Inc, (Motors Bought, Sold, Exchanged, Rented, Repaired) 241-243 Canal .....Franklin 2876
Klein Nathan & Co Inc, 208 Centre.....Canal 8750
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Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065
Schwartz & Land, 207 Centre.....Canal 9310

Electric Motors (Variable Speed.)
Northwestern Electric Co, 1457 Broadway..Bryant 590

Electric Motors, Bought, Sold and Repaired.
Fuchs Otto A, 201 E 47th.....Murray Hill 4522

Electric Rotary Converters.
Northwestern Electric Co, 1457 Broadway..Bryant 590

Electric Sad Irons.
Reimers Manufacturing Co, 517-523 West 45th .....Bryant 6526

Electric Signs.
City Electric Sign Co, (Builders of Illuminating Signs. Every description) 444 E 13th .....Forsyth 9256

Electric Starters for Fords.
American Eveready Works, Thomson & Orton L I C.....Hunters Point 5100

Electric-Temperature Control.
Equitherm Control Corp, 30 Church...Cortland 1380

Electric Welding Machines for Spot and Butt Work.
Electric Machine Tool Co, 50 Church...Cortland 251

Electrical Cabinets and Cut-Out Boxes.
Columbia Metal Box Co, 224 E 144th....Melrose 6241

Electrical Contracting Engineers.
Nichols & Judson, 882, 8th av.....Circle 393

Electrical Contractors.
Harlem Electric & Sewing Machine Co The, 202 E 106th.....Harlem 8384
Hatzel & Buehler Inc, 373 Fourth av.....Mad Sq 8620
Stark I & Co, 187 Tompkins av, Bklyn..Wmsburg 1163
Stott Edward B & Co Inc, 461 8th av.....Greeley 3715

Electrical Distributors.
Fullerton Fred W L Inc, 17 E 22d.....Gramercy 1873

Electrical Engineers.
Byllesby H M & Co, 111 Broadway.....Rector 3461

Electrical Forge Blowers & Air Pumps.
Fuchs Otto A, 201 E 47th.....Murray Hill 4522

Electrical Goods.
Morris Elmer P, 136 Liberty.....Rector 826

Electrical Hard Rubber Specialties.
Vulcanized Rubber Co The, 251, 4th av.Gramercy 3716

Electrical—High Tension Equipment.
Delta-Star Electric Co, 100 Broadway.....Rector 2715

Electrical Insulating Materials of all kinds.
Mitchell-Rand Mfg Co, 99 John.....Beekman 1356

Electrical Insulating Matls Red Rope Paper.
Hewitt C B & Bros "Old Hick" 48 Beekman .....Beekman 3720

Electrical Machinery—Second Hand.
MacGoyern & Company Inc, 114 Liberty...Rector 3375
See our Catalog Space, page 975

Electrical Machinery and Supplies.
Morris Elmer P, 136 Liberty.....Rector 826

Electrical Patents Secured.
Munn & Co, 233 Bway.....Barclay 8064

Electrical Repairs—Motors, Drills, Grinders, etc.
Electric Machine Tool Co, 50 Church...Cortland 251

Electrical Testing.
Electrical Testing Laboratories, 80th & East End av.....Lenox 5513

Electro-Medical Apparatus.
Kny-Scheerer Corp The, 404-410 W 27th.Chelsea 5449

Electrotypers.
Commercial Cut Co The, (50,000 Trade and Adv Cuts always in Stock, Illustrated Catalog, 288 Pages. Electrotypes, Photo Engravings, Halftones. Lowest Prices) 46 Beekman.Beekman 1574
Rapid Electrotype Co The, 200, 5th av..Gramrcy 745

Electrotypers' & Stereotypers' Machinery & Supplies
Wesel F Mfg Co, 72-80 Cranberry Bklyn....Main 4540

Elevating Trucks.
Lewis-Shepard Co (L M Cain Co, Agts), 261 Broadway .....Barclay 8020

Elevator Door Hangers.
Le Brocq Company The, 46 Lexington av Bklyn .....Prospect 3713

Elevator Door Lock Safety Devices.
Boedtcher Franz A, 359 W 42d.....Bryant 4262

Elevator Gates, Folding.
Hopkins & Co, 199 Franklin.....Franklin 3782

Elevator Repairs and Supplies.
Gillespie James F Co The, 3d and 6th av..Spring 9529

Elevator Safety Appliances.
Le Brocq Company The, 46 Lexington av Brooklyn .....Prospect 3713

Elevator Safety Devices.
Slade Elevator Co, 1565 Park av.....Harlem 386

Embalmers.
Hopper J M(Willis E Stafford & Son), 120-122 Livingston, Bklyn .....Main 180

Embossers Hand & Desk for Embossing Documents.
Roovers Bros, 100 Schermerhorn, Bklyn.....Main 3780

Embossers & Stampers.
Benze Bros Co Est 1890, 110-112 Fifth av.Chelsea 8310

Embossing Composition.
Aljo Manufacturing Co, 150 Nassau....Beekman 4282

Embossing—Embossers of Silk, Cotton and Leather.
Consolidated Embossing Co, 407 Broome...Spring 8718

Embossing Presses.
Standard Machinery Co (Branch), 41 Park Row .....Cortland 1177

Embossing Seals and Paper Work.
Krause Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965

Embroiderers and Embroideries (Mnfrs).
Boulevard Lace & Embroidery Co Inc, 489 Fifth av .....Vanderbilt 4540

Embroideries—Madeira, Cut Work & Mosaic.
Bardwil Bros, 80 Washington.....Bowling Green 9430
Hamrah Bros, 78 Washington.....Bowling Green 9138

Embroidering Machines.
Ahlstrom O J, 711 Broadway.....Spring 1283
Durbrow & Hearne Mfg Co, 12 Wooster.....Canal 8669
See our Catalog Space, page 1006

Embroidery, Gold, Silver & Silk.
Kraus I, 134 Clinton.....Orchard 1728

Emery.
Niagara Emery Mills Inc, 50 Broad.....Broad 5560

Emery Cloth, Sand Paper and Garnet.
United States Sand Paper Co (Crowell & Lehnhardt, Repr), 86 Warren.....Barclay 568

Employment Agencies—Summer Hotel & Farm Help.

Noel's Employment Agency (Reliable Help, Male, Female, White, (Colored), 809 6th av, between 47th & 48th.....Bryant 9264

Enamel.

Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 80 Maiden Lane .....John 6444

Enamel Furnaces.

Hermansen A, Woolworth bldg.....,Barclay 7666

Enamel Paints.

Montauk Paint Mfg Co, 170-172, 2d av, Bklyn .....South 5076

Enameled Iron Signs Mfrs.—Porcelain.

Ingram Richardson Mfg Co, 100 William.....John 2394

Enameled Novelties.

Beegee Company, (Erasers, Clutch Pencils and Specialties) 1133 Broadway....Farragut 8985
See our Catalog Space, page 910

Enameled Signs and Novelties.

Manhattan Dial Mfg Co, 40 Lexington av, Bklyn .....Prospect 1830

Enameled Signs—Stencils, Badges, Etc.

Reese S W Co, 44 Vesey.....Cortland 3097

Enameled Specialties—Porcelain Iron and Steel.

Ingram-Richardson Mfg Co, 100 William....John 2394

Enameled Steel and Iron Signs.

Abbot Ready Made Signs, 25 E 26th.....Mad Sq 2685
Enameled Iron Sign Co, 20 E 27th.....Mad Sq 4919

Enameled Steel and Iron Signs and Name Plates.

Miller & Miller, 17 W 42d.....Vanderbilt 1235

Enameled Ware.

Mauth Bros, 220, 4th av cor 18th...Stuyvesant 2523
See our Catalog Space, page 960

Enamelers on Wood (Ruberoid, Jet & Fancy Colors).

Ates E B & Sons, 362, 5th av.....Greeley 4820

Enameling on Copper, Steel or Cast Iron.

Manhattan Dial Mfg Co, 40 Lexington av, Bklyn .....Prospect 1830

Engineering.

Mott Robert W & Co, 90 West.....Rector 3709

Engineers.

Allesby H M & Co, 111 Broadway.....Rector 3461
Hermansen A, Woolworth bldg.....Barclay 7666
Smith Frank Hill Inc, 120 Broadway.....Rector 7279

Engineers, Consulting.

Engel Godfrey Sr, Construction Co, 30 Church .....Cortland 8421
See our Catalog Space, page 1012
Phillips & Worthington, 90 West.....Rector 3017

Engineers, Contracting.

Finance Engineering Corporation, 120 Broadway .....Rector 4794
See our Catalog Space, page 984

Engineers, Industrial.

Park Earl S Co, Woolworth bldg.....Barclay 4414
Menard Construction Co, 17 Battery pl...Rector 9986

Engineers, Mechanical Contracting.

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

Engineers' Supplies.

Scott, J W Hardware Co, 30 Warren....Barclay 6113

Engines, Boilers & Machinery—Second Hand.

Brearley H P, 140 Cedar.....Rector 9448
See our Catalog Space, page 973

Engines—Gas, Gasoline, Fuel Oil.

Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580

Engines—Gas and Oil.

Gerdes R N (Semi-Deisel Type, Stationary & Marine), 123 Liberty.....Cortland 4719

Engines, Gasoline.

Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

Engines, Oil, Marine and Stationary.

Mietz August Corporation, 128 Mott.....Canal 8177

Engines, Steam.

Beggs James & Co, 86 Warren.....Barclay 5040
Godfrey Keeler Co, 70 Warren.....Barclay 6775

Engines—Steam, New and Rebuilt.

Olney Geo H & Co, 50 Church.....Cortland 3756

English Earthenware, Bric-a-Brac, Fancy Goods.

Slimmon Robert & Co, 96 Church.....Barclay 6040

Engravers.

Bartlett Orr Press, 461-479 8th av.....Greeley 4725
Engler Arthur (Engraved Announcements, Books, Plates, etc) 150 Nassau.....Beekman 4447
Freud Engraving & Electrotype Co, 61 Beekman .....Beekman 3287
See our Catalog Space, page 948
O'Brien J J & Son, 122 E 23d.....Gramercy 5920
Scientific Engraving Co, 406 W 31st.....Chelsea 2117
See our Catalog Space, page 947
Wagenfohr Carl A (Highest Grade Embossing Dies & Stamps of All Kinds. Estimates Promptly Furnished. Designers, Die Sinkers) 119-121 Lafayette....Franklin 3177

Engravers—Copper & Steel.

Ball Engraving Co, Printing Crafts bldg, 33rd to 34th and 8th av.....Greeley 3172

Engravers—Copper & Steel Plate.

Ramsey Geo W (Engraved and Printed Letter Heads, Business Cards, Wedding Invitations, Monograms and Crests), 77 Nassau .....Cortland 6539
Ridley John H Co, (Commercial, Copperplate Steel Die Engraving, Power Embossing Wedding Announcements, Trade Work Prompt), 252-8 W 29th.....Chelsea 6817

Engravers, Illustrators & Publicity Agents.

Mugford & Co, 309 Broadway.....Worth 2750

Engravers' Supplies.

National Steel & Copper Plate Co, Flatiron bldg .....Gramrcy 4756
National Steel & Copper Plate Co, 220 Taaffe pl, Bklyn.....Prospect 3290

Engravers' Tools and Supplies.

Muller Edward C, 61 Frankfort.....Beekman 3374

Engrossers.

Ames & Rollinson, (Resolutions, Memorials, Testimonials, Diplomas, Book-Plates, Designing), Broadway at Fulton.....Cortland 7406

Envelope Machinery.

Potdevin Machine Co, 253 36th, Bklyn....Sunset 5181
Schmidt F L Co, 21st and 11th av....Chelsea 5956

Envelope Sealers and Stamp Affixers.

Lyon Orrin S Co, (Hand and Power Machines Sold, Exchanged) Metropolitan bldg 1 Madison av.....Gramrcy 1130
Mailo Meter Sales Company, Pulitzer bldg .....Beekman 3816
Pleckner Marcus M (Hand and Power Machines, Sold, Exchanged).42 Broadway..Broad 5088

Envelopes.

Berlin & Jones Envelope Co, 547 W 27th.Chelsea 1347
See our Catalog Space, page 949
Bosworth Envelope Co, (If it's an envelope, we have it) 299 Broadway .....Worth 4476
Cohoes Envelope Company Inc (Clasp Envelopes, Tag Envelopes, Carrybags, Specialties), 150 Nassau.....Beekman 2317
Consumers Supply Co, 81 Nassau.....Cortland 5055
Diemer John F Co, 67 Cortlandt.....Cortland 5608
See our Catalog Space, page 948
Meyers H N (Also "Bright" Envelopes for Circulars), 102 Chambers.....Barclay 6144
Neostyle Envelope Co (Penyhook), 109 Leonard .....Franklin 267
See our Catalog Space, page 949
Tension Envelope Co The, 33, 34th Bush Terminal Bklyn .....Sunset 6000
See our Catalog Space, page 949

Envelopes—Catalogue & Calendar.

Tension Envelope Co The, 33, 34th Bush Terminal Bklyn .....Sunset 6000
See our Catalog Space, page 949

Envelopes for Merchandise—Metal Clasp.

Tension Envelope Co The, 33, 34th Bush Terminal Bklyn .....Sunset 6000
See our Catalog Space, page 949

Envelopes, Glassine and to Order.

Miller Brothers Co The, 216-228 High, Newark, N J .....Branch Brook 1575

Envelopes of Every Description.

Tension Envelope Co The, 33, 34th Bush Terminal Bklyn .....Sunset 6000
See our Catalog Space, page 949

Envelopes, Postage Savers.

Neostyle Envelope Co (Penyhook), 109 Leonard .....Franklin 267
See our Catalog Space, page 949

Erasers of All Kinds.

Beegee Company, 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

Escutcheon Pins—All Metals.

Hassall John Inc, Clay and Oakland, BklynGreenpt 2391

Essential Oils.

Elson & Brewer Inc, Gold and Platt.....John 4060
Giese August & Son, 4 and 6 Cedar.....John 1592

Etched Name Plates.

Premier Metal Etching Co, 14th & Van Alst av, L I C.....Hunters Pt 2064
See our Catalog Space, page 983

Evaporators.

Badger E B & Sons Co, 101 Park av..Vanderbilt 1719
Row & Davis, Engineers, Inc, 140 Cedar...Rector 9135

Evaporators—Single and Multiple.

Gerdes & Company Inc (Copper & Iron), 28 Church .....Cortland 7673

Excelsior.

Atlantic Excelsior Mfg Co, 507 W 30th...Chelsea 7830
Boston Excelsior Co, 30th and North RiverChelsea 7700

Executive Training.

Alexander Hamilton Institute, 13 Astor pl.Spring 10100
See our Catalog Space, Page 927
Hamilton Institute Alexander, 13 Astor pl.Spring 10100
See our Catalog Space, Page 927

Exhaust Fan and Blower Mnfrs.

Batterman Truitt Co (C O Hall), 147-149 W 35th .....Greeley 4040

NEW YORK CITY—cont'd

Exhaust Fans, Electric and Power Driven.
Wing L J Mfg Co, 352-362 W 13th.....Chelsea 7465

Exhaust Heads.
Williams Franklin Inc, 39 Cortlandt.....Cortland 136

Expanded Metal.
Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

Expanding Envelopes, Filing Pockets, Vertical Folders
Tension Envelope Co The, 33, 34th Bush Terminal Bklyn .....Sunset 6000
See our Catalog Space, page 949

Expansion Bolts.
Star Expansion Bolt Co, 149 Cedar.....Rector 4655
U S Expansion Bolt Co, 25 Elm.....Worth 3785

Expansion Bolts, Concrete Anchors and Inserts.
Richmond Screw Anchor Co, World bldg..Beekman 4000

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Equitable bldg, 120 Broadway .....Rector 5720
New York Blasting Supply Co, 11 Broadway..... Bowling Green 8259

Export.
Elberon Co The (Manufacturers Export Representative), 1790 Broadway....Columbus 5929

Export Agents and Merchants.
American Import & Export Corp (Dye-stuffs, Intermediates, Dyeing & Tanning, Extracts, Chemicals, Fibres, Iron & Steel Products, Leather, Metals, Naval Stores, Produce Provisions), 640 Broadway...Spring 7237

Export, Automobile and Accessories.
Saitta Chas A, 8 Bridge.....Broad 2014

Export, Colors for
Horgan William J, 6 Platt.....John 1625

Export Commission Brokers.
Knauth Bros, 220, 4th av cor 18th..Stuyvesant 2523
See our Catalog Space, page 960

Export—Fancy Goods and General Dry Goods.
Mayer L S Son Inc, 200, 5th av.....Gramercy 787

Export Freight Brokers.
White R D & Co, 17 Battery pl.....Rector 9451

Export—Import.
Chacon Trading Co The, 82-92 Beaver..Hanover 6278
General Traders, 11 Broadway.....Bowling Green 8344
Stork Chas T & Co Inc, 154 Nassau.....Beekman 7330

Export, Industrial & Municipal Installations.
Export Development Association of America 72 Trinity pl.....Rector 9117

Export and Import Merchants.
Northern Export & Import Co Ltd The, 13-21 Park Row.....Barclay 8898
See our Catalog Space, page 950

Export Journals.
El Comercio (Monthly-Latin America, Spanish, Portuguese countries), 114 Liberty.....Rector 1495

Export Machinery—Purchasing Agents.
Olney Geo H & Co, 50 Church.....Cortland 3756

Export Merchants.
A B C Export Corporation, (Manufacturers' Export Sales Managers) 146 Liberty...Rector 4495
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Caravel Co, 13-21 Park Row.....Barclay 8430
Carr & Irons Inc, 25 Beaver.....Broad 5578
Cooper & Cooper, 309 Broadway.....Worth 851
Craigie & Co Ltd, 1 Wall.....Rector 8986
Dodge & Seymour Ltd, (We specialize in the territory of Asia and Australasia. Cable address "Eximco") 193 West.....Worth 2240
Edgertyn Aniline Corp, 118 William...Beekman 964
Essgee Co of China Inc The, 621 Bway....Spring 9133
Factory Products Export Corporation, 61 Broadway .....Rector 9169
Federal Export Corporation, 115 Broadway.Rector 5101
Hernandez C F Sons & Co, 17 Battery pl..Rector 5678
Jardine Matheson & Co Ltd, (General Exporters to China and Japan) 25 Madison av .....Mad Sq 3861
Johns & Co Inc, 50 Church.....Cortland 3869
Kern Commercial Company, 114 Liberty...Rector 4713
Kleppe Ostervold & Co Inc, 11 Broadway .....Bowling Green 9178
Laidlaw, Kelley & Co Inc, 14 Platt.....John 1566
Levy A A Co Inc, 43 E 19th.....Gramercy 2344
Lopez A F & Co, 74 Hudson.....Franklin 3990
Morris Elmer P, 136 Liberty.....Rector 826
Muller Export Co, 80 South.....John 3188
Taisho Trading Company The (Chemicals, Metals, Machinery, Papers) 115 Bway..Rector 8079
Wendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg 93 Nassau .....Cortland 7630

Exporters, Fancy Goods. Novelties & Notions.
Levy J W Corp, 892 Broadway.....Gramercy 942

Exporters—General.
Guaranty Trading Co, 253 Broadway.....Barclay 3436

Exporters—Groceries.
Pastene P & Co Inc, 152-54 Franklin...Franklin 1261

Exporters & Importers.
Levy J W Corp, 892 Broadway.....Gramercy 942

Exporters, Men's and Women's Wearing Apparel.
Levy J W Corp, 892 Broadway.....Gramercy 942

Exporters—Steel Products and Railway Supplies.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Exporters—Tobacco.
Tansy Tobacco Corp, (Virginia, Kentucky, Tennessee—Leaf in Hogsheads) 19 South William .....Broad 1915

Exports, Iron and Steel (All Classes).
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Exterminators.
Brown's Insecticide Co, 204 E 44th....Murry Hill 2271
Guarantee Exterminating Company, 500, 5th av at 42d.....Vandrbilt 2716
See our Catalog Space, page 950
Ortner Chas, 310 W 125th.....Morningside 6904
Virus Limited Inc, 72 Front.....Hanover 960

Eye Glass Holders, Automatic—Mfrs.
Ketcham & McDougall, 15-19 Maiden la.Cortland 748

Eyelets & Eyelet Attaching Machines.
Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

Eyes, Artificial.
Fried Charles, 36 E 23d.....Gramrcy 2280

Eyes, Artificial for all Purposes.
Schoepfer G, 1423-1425 E 95th, Bklyn...Canarsie 6824

Fabrikoid Leather Substitutes.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway .....Rector 3720

Fac-Simile Typewritten Letters.
A A Multigraphing Co, 80, 5th av.....Chelsea 3227
Brown B Co The, 229 W 28th.....Farragut 6340
See our Catalog Space, page 983
Rowan Richard J, 4215, 3d av cor Tremont av .....Tremont 2051

Face Veils.
Hartmann Bros Inc, 334, 4th av.....Madison Sq 8685

Factories and Factory Sites.
Corbin Floyd S, 10 Wall.....Rector 9121

Factory Brokers.
Factory Exchange, 43 Cedar.....John 3719
Ludden Herbert R, 373 Fulton, Bklyn.....Main 6835

Factory Supplies and Signalling Apparatus.
National Scale Co, 30 Church.....Cortland 1501

Fancy Goods and Notions.
New York Merchandise Co, 119, 5th av..Gramrcy 4724

Fancy Goods Novelties & Notions.
Levy J W Corp, 892 Broadway.....Gramercy 942

Fancy Goods, Table Decorations, Favors, etc.
Benze Bros Co, Est 1890, 110-112, 5th av .....Chelsea 8310

Fans, Blowers and Exhausters—Mnfrs.
Batterman Truitt Co (C O Hall), 147-149 W 35th .....Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row.Cortland 8739

Fans, Electric Exhaust & Blowers.
Diehl Mfg Co, Singer Building, 149 Bway.Cortland 1802

Fans, Electric and Power Driven Exhaust & Ventg.
Wing L J Mfg Co, 352-362 W 13th.....Chelsea 7465

Fasteners.
Bird Fastener Co Inc The, 1133 Broadway .....Farragut 3778

Fasteners for Caps & Leather Goods.
King James E & Co, 1133 Broadway....Farragut 3778

Fatty Acids.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 249

Favors.
Beegee Company, (Erasers, Clutch Pencils & Specialties), 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

Favors, Paper Hats and Snappers—Manufacturers.
Davidsohn Mrs I, 201 W 145th.....Audubon 7388

Feather Duster Mnfrs. Ostrich and Turkey.
Hayes Duster Co, 5-7 W 4th.....Spring 383

Feather Dyes.
Horgan William J, 6 Platt.....John 1625

Feather Pillow Mnfrs.
Buchman L & Co, 107 N 1st, Bklyn....Greenpoint 481

Feathers, Fancy.
Pletscher Fred R, 187 Mercer.....Spring 138

Feathers, Fancy and Military.
Cape Trading Co Inc, 64-66 East 11th..Stuyvsnt 113

Feathers and Feather Products.
Buchman L & Co, 107 N 1st, Bklyn....Greenpoint 4819

Feed Water Heaters.
Whinery S B, 95 Liberty.....Cortland 5326

Felt.
American Felt Company, 114 E 18th..Stuyvesant 1970
Brawley T R, Adams & York, Brooklyn N Y .....Main 488
See our Catalog Space, page 952
Brown W E, 369 Broadway.....Franklin 2842
Felt Specialty Mfg Co, Adams & York, Bklyn.Main 488
See our Catalog Space, page 952
Stroock S & Co (Manufacturers of felts of all kinds), 11 E 26th.....Mad Sq 8256

Felt Shoes and Slippers.
Standard Felt Co, 115-117 E 23d.....Gramercy 4432

Felt Specialties.
Braunsdorf Geo W Inc, 480 E 58d.....Plaza 1386
Brawley T R, Adams & York, Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams & York, Bklyn.Main 488
See our Catalog Space, page 952

Felts.
Standard Felt Co, 115-117 E 23d.....Gramercy 4432

Fence Posts, Steel.
Downs J H, 39 Cortlandt.....Cortland 6328

Fences—Builders, Wire, Non-Climbable.
Downs J H, 39 Cortlandt.....Cortland 6328

Fences—Iron and Wire.
American Fence Construction Co, Church cor Barclay .....Barclay 6753
Brook A T Fence Co (Fence for all Purposes Erected Anywhere), 37 Barclay.....Barclay 6278

Fences—Iron and Wire Also Chain Link Netting.
American Fence Construction Co (Manufacturers and Erectors—Work Erected in all parts United States and Canada), Church cor Barclay .....Barclay 6753
Anchor Post Iron Works, 165 Bway....Cortland 4886

Fences and Railings—Ornamental.
Cerdes & Company Inc (Also Stairs, Grilles, Marquees, Lamp Brackets), 28 Church .....Cortland 7673

Fences—Wire and Iron.
Cyclone Fence Co, Woolworth bldg.....Barclay 3595
See our Catalog Space, page 953
Page Steel & Wire Co, 30 Church.....Cortland 3541

Ferro Chrome.
Fenger Paul & Co, 100 Broadway.....Rector 5083

Ferro Silicon.
Fenger Paul & Co, 100 Broadway.....Rector 5083

Fertilizer.
Alphano Humus Co, 17 Battery pl.....Rector 8636
Long Island Manure Export Co, 753 Flushing av, Bklyn.....Stagg 115
O'Rourke James F Manure Co Inc, 755 Flushing av, Bklyn.....Stagg 114

Fertilizer Brokers.
Goldsmith Simon M, 62 William.....John 1971

Fertilizer Materials.
Alexander G S & Co Inc, 61 Broadway.....Rector 6170

Fibre.
American Vulcanized Fibre Co, Woolworth bldg .....Barclay 6209
Bone Frederick H, 181 Front.....John 1998
National Fibre & Insulation Co, 50 Church .....Cortland 3862

Fibre, Baskets, Boxes, Cans, Trucks & Waste Baskets.
Weil Julius, 119 W 17th.....Chelsea 6186

Fibre Board—Specialties, etc.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramercy 5400

Fibre—Coco Hair & Cocoanut Fiber.
Coamo Export & Trading Corp, 154 Nassau .....Beekman 4505

Fibre Containers.
American Can Co, (General Offices) 120 Broadway .....Rector 6900
American Can Co, (Atlantic District Sales Office), 447 W 14th.....Chelsea 4700

Fibre Extracting Machinery.
Prieto Machine Co Inc, 289 Pearl.....Beekman 3581

Fibre, Hard, Soft & Stiff.
Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

Fibre—Insulating.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramercy 5400

Fibre Sample Cases & Novelties.
Fibre Case & Novelty Co The, 274 Church.Franklin 335

Fibre—Sample Trunks and Cases.
Fibre Sample Case & Trunk Co, 535 Broadway .....Spring 8072

Fibre Shipping Containers.
Fibre Case & Novelty Co The, 274 Church.Franklin 335
Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

Fibre—Suit Case.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av.....Gramercy 5400

Fibre, Sulphite.
Brown Company, Woolworth bldg.....Barclay 6185

Fibreware, Indurated Pails, Tubs, Etc.
Cordley & Hayes, 7-9 Leonard.....Franklin 6015

Files for Newspapers and Magazines.
Universal Binder The, 7 E 14th.....Stuyvesant 2639

Filing Appliances.
Diemer John F Co, 67 Cortlandt.....Cortland 5608
See our Catalog Space, page 948

Filing Cabinet Supplies, Guides, Folders, Etc.
Koller & Smith Company Inc, 159 Leonard.Franklin 980

Filing Cabinets.
Amberg File & Index Co, 79-81 Duane.....Worth 5164

Filing Cases, Steel Double & Single Wall.
Berger Mfg Co The, S E cor 22d & 11th av.Chelsea 1408

Film Colors.
Horgan William J, 6 Platt.....John 1625

Film Distributors to Foreign Markets.
Allen L H (Producers' Representative. Buyers' Confidential Agent. Translations), 110 W 40th .....Bryant 4279

Film Storage.
Lloyds Film Storage Corpn, 345 W 40th..Bryant 5600

Film Titles.
Stern Ernest Inc (Illustrated and Plain Titles. Program Announcements), 729, 7th av .....Bryant 8973

Films, Advertising and Commercial.
Leggett-Gruen Corporation, 220 W 42d...Bryant 9167

Films, Advertising Educational and Industrial.
Novelty Films, 115 E 23d.....Gramercy 3671

Films, Advertising in Motion Picture Theatres.
Novelty Films, 115 E 23d.....Gramercy 3671

Films, Educational and Industrial.
Leggett-Gruen Corporation, (Exclusive Industrial Agents for Pathe) 220 W 42d..Bryant 9167

Filter Cloth.
Boyle John & Co Inc, 112 Duane.....Worth 4770

Filter Press Cloths All Kinds—Mnfrs.
Stanley W W, 50 Church.....Cortland 5119

Filter Presses.
Kelly Filter Press Co, (Emil E Lungwitz Eastern Rep), 90 West.....Rector 9848

Filtering Paper.
Fougera E & Co Inc (Prat-Dumas French Filtering Paper), 90 Beekman.....Beekman 1170

Filters.
Berkefeld Filter Co, (August Giese & Son, Props) 4 and 6 Cedar.....John 1592

Filters (Feed Water)
Row & Davis, Engineers, Inc, 140 Cedar...Rector 9135

Filters—Pressure & Vacuum.
United Filters Corporation, 36 Flatbush, Bklyn .....Main 8951

Filters—Water.
Loomis-Manning Filter Distributing Co, Transit bldg Annex, 10 E 43rd....Vanderbilt 2225

Fire Alarms.
Metropolitan Electric Protective Co, 130 W 26th .....Farragut 3144

Fire Appliances.
Fire Fighting Devices Co, 70, 5th av....Chelsea 7070
Pyrene Manufacturing Co, 52 Vanderbilt av .....Murray Hill 3585

Fire Brick.
Brooklyn Fire Brick Works, 88 Van Dyke, Bklyn .....Hamilton 14
Pulis Charles H, (Fire brick of every description. Export or domestic delivery. Packed or loose) 131-133 E 23d....Gramrcy 5360

Fire Brick Cement.
Hoffman Chas V Co Inc, 95 Liberty.....Cortland 1967

Fire Brick, Silica, Magnesite and Chrome.
Harbison-Walker Refractories Co, Nat Bank of Commerce .....Cortland 3777

Fire Clay.
Hoffman Chas V Co Inc, 95 Liberty.....Cortland 1967
Pulis Charles H, (Ground; packed in bags or barrels) 131-133 E 23d.....Gramrcy 5360

Fire, Deck and Water Hose, Etc.
Danubil Co The, 253 Broadway.....Barclay 6017
See our Catalog Space, page 915

Fire Department Supplies.
Woodhouse Mfg Co The, 64 W Broadway.Barclay 7092

Fire Extinguisher Appliances.
Safety Fire Extinguisher Co ("Safety Fire Bucket Tank", "Safety Fire Extinguisher" Chemical Engines, Underwriters Hose), 291-293, 7th av .....Farragut 3556

NEW YORK CITY—cont'd

Fire Extinguishers.
Columbia Fire Extinguisher Co, 174 Centre ..... Franklin 26
Fire Fighting Devices Co (Non-freezing portable extinguishers and automatic chemical sprinklers for every kind of fire) 70, 5th av. Chelsea 7070
Fyr-Fyter Sales Co, 26 Cortland ..... Cortland 6183
Knight & Thomas Inc, 33 Reade ..... Worth 3567
Lewis Samuel, 73 Barclay ..... Barclay 5406

Fire Extinguishers—Automatic.
Automatic Sprinkler Co of America, 123 William ..... John 4983

Fire Extinguishers, Automatic for Tanks.
Fire Fighting Devices Co, 70, 5th av.... Chelsea 7070

Fire Hose, Second Hand, All Sizes.
Kane Edward J, 59 Ann ..... Beekman 5436

Fire Place Fixtures.
Jackson's Mantel & Grate Works Inc, 2-16 W 33d ..... Mad Sq 4216

Fire Place Folding Screens and Spark Guards.
Jackson Wm H Company, 2 W 47th..... Bryant 8430

Fire Places.
Jackson Wm H Company, 2 W 47th..... Bryant 8430

Fire-Places & Mantelpieces.
Jackson Edwin A & Bro Inc, 50 Beekman. Beekman 1841

Fire Screens for Open Fire Places.
Nagy Frank, 351 E 133d..... Melrose 6381

Fireless Cookers.
Jackson Edwin A & Bro Inc, 50 Beekman. Beekman 1841

Fireproof Building Materials.
General Fireproofing Co The, 395 Bway.. Franklin 2783

Fireproof Doors.
World Fire Proof Door Corp, 145th & Southern bl ..... Melrose 8730

Fireproof Doors and Shutters.
Brodie William H Co, 38 Park pl..... Barclay 7616
Standard Fireproof Sash & Door Co, 16 Eckford ..... Greenpoint 1087

Fireproof Doors & Windows.
Clark William F Co, 305-313, 4th av, Bklyn ..... South 5097
Gabler F M Inc, 118 Leroy ..... Spring 9340
National Sash & Door Co Inc, 139-141 Bayard Bklyn ..... Greenpoint 1646
Reliance Fireproof Door Co, West & Milton & Greenpoint av, Bklyn..... Greenpoint 2211

Fireproof Windows.
World Fire Proof Door Corp, 145th & Southern bl ..... Melrose 8730

Fireproof Windows & Sash.
Badger E B & Sons Co, 101 Park av... Vanderbilt 1719

Fireproofers, Cotton and Linen Fabrics.
Antipyros Company The (Scenery, Canvas, Burlaps, Bunting, Denim, Duck, Velvet, Etc, Fireproofing Solutions and Compounds) 170 Greene ..... Spring 5410

Fireworks.
Wagner M, 34 Park pl..... Barclay 7815

First Aid Army and Navy Kits, Factory Kits, Etc.
National Safety First Aid Kit Co, 79 Fifth av ..... Stuyvesant 2009

First Aid Cabinets and Supplies.
First Aid Equipment Co, 16 E 23d..... Gramercy 6428

First Aid Equipments.
Knauth Bros, 220, 4th av cor 18th.... Stuyvesant 2523
See our Catalog Space, page 960

First Aid Supplies.
Kny-Scheerer Corporation The, 404-410 E 27th ..... Chelsea 5449
Watters Laboratories The, 53-55, 5th av. Stuyvesant 746

Fish Globes, Ornaments, Etc.
Wapler Nicholas, 28 Warren..... Barclay 5920

Fish, Smoked and Preserved, Wholesale.
Schmidt S & Co, 148-152 W 19th..... Chelsea 5250

Fish, Smoked, Salted Wholesale.
Schnibbe Richard Inc, 267 Metropolitan av, Bklyn ..... Greenpoint 3066

Fittings.
Kelly & Jones Co, Park Row bldg..... Barclay 8360

Fittings—Cast Iron, B & S & Flange.
Donaldson Iron Co, (John Fox & Co), 253 Broadway ..... Barclay 6215

Fittings—Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 71 Broadway ..... Rector 655

Fittings—Cast Iron, Flange.
American Car & Foundry Co, 165 Broadway ..... Cortland 8100

Fittings, Valves, Accumulators, Pumps, Presses, Hydrlc.
Hydraulic Press Mfg Co The, 39-41 Cortlandt ..... Cortland 5083

Flag Poles.
Chesebro Whitman Co Inc, 1167, 1st av.... Plaza 35

Flag Poles, Spars and Booms.
Corbett & Co, 109th and East River..... Harlem 1711

Flags.
Aetna Flag and Banner Co (Pennants, Badges, Novelties. Flags with Special Lettering and Designs Made to Order) 125 E 23d. Gramercy 5931
Columbus Mfg & Supply Co Inc, 830, 9th av ..... Columbus 7171
Federal Flag Co (Signal Flags, Foreign Ensigns, Service Flags, Jacks, Burgees, Pennants and Special Designs), 37 Union sq.... Stuyvesant 4504

Flags (Silk).
New York Flag & Banner Co, 257, 4th av ..... Gramercy 3163

Flags and Banners.
Eagle Regalia Co, 115 Nassau..... Cortland 5096

Flags and Banners (Manufacturers).
American Flag Co, 73-77 Mercer..... Spring 4276

Flags, Banners & Pennants.
McHugh Mfg Co The, 242 W 41st..... Bryant 2693

Flags, General and Special Decorations.
Hamilton W F Co, 49 W 58th..... Plaza 9751

Flags—Metal Staffs—Pennants for Radiators.
Block Metal Stamping Co Inc, 88 Walker. Franklin 630

Flashers for Electric Signs.
Reynolds Electric Flasher Mfg Co, 1123 Broadway ..... Farragut 8866

Flashlights.
Franco Flashlights, 104 S 4th, Bklyn.. Greenpoint 4700
Interstate Electric Novelty Co, 104 S 4th, Bklyn ..... Greenpoint 4700

Flashlights and Batteries.
American Eveready Works, Thomson & Orton L I C..... Hunters Point 5100
Novo Manufacturing Co, 424-438 W 33d.. Chelsea 9380

Flavoring Extracts.
Florasynth Laboratories, Inc, 231 Pearl.... John 5303

Flavors, Concentrated of Every Description.
Fries & Fries, 242 Pearl..... John 737
See our Catalog Space, page 931

Flax, Hemp and Jute.
Andrews Robert Company, 115-117 Franklin ..... Franklin 3880

Flax Packing.
Danubil Co The, 253 Broadway..... Barclay 6017
See our Catalog Space, page 915

Flexible Glues.
Bayard & Co Inc, 29 Broadway..... Whitehall 620

Flexible Metal Hose.
Titeflex Metal Hose Corp, 120 Broadway... Rector 8024

Flexible Metal Hose (Mnfrs.) Specialists.
Metal Hose & Tubing Co, 253 Tillary, Bklyn. Main 9975

Floats, Special Decorations, Designed and Built.
Hamilton W F Co, 49 W 58th..... Plaza 9751

Floor Coverings, Rugs.
Gary Theo H Co, 67-69 Irving pl..... Stuyvesant 7761

Floor Drains.
Central Foundry Company The ("Lynn") 90 West ..... Rector 1860
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Floor Oil.
Lewis Samuel, 73 Barclay..... Barclay 5406

Floor Plates (Safety).
American Abrasive Metals Co, 50 Church ..... Cortland 7444

Floor Surfacing and Planing Machine Mnfrs.
Wagner Frank, 447 W 38th..... Greeley 4280

Flooring.
Linotol Flooring Co, 26 Reid, Bklyn.... Hamilton 2305

Flooring Composition.
Asbestolith Manufacturing Company (Resilient, Fireproof, Sanitary; Flooring, Wainscoting, Stairs), 1 Madison av.. Gramercy 379
"Troegerlith" Cheney & Company, 519 W 21st ..... Farragut 452

Flooring Cork Tiles.
Beaver Tile & Specialty Co Inc, (Made from pure shavings; also colored cork-rubber composition tile, sanitary base), 44 Cliff..... Beekman 424

Flooring, Sanitary Asbestos Composition.
Asbestuslite Flooring Co, 450 Atlantic av, Bklyn ..... Main 43

Flooring (Composition) Sanitary Fireproof.
Marbleloid Co The, Marbridge bldg 47 W 34th ....Greeley 4787

Florists.
Myer, 611 Madison av....Plaza 5296
Stumpp G E M (New York's Favorite Flower Shop), 761, 5th av....Plaza 8190

Flour Mills—Complete Equipment.
Gerdes & Company Inc, 28 Church....Cortland 7673

Flour Sack Manufacturers.
Miller, Tompkins & Co, 487 Washington...Canal 9075

Flowers—Artificial for Decorative Purposes.
Natural Plant Preservers Co (Awarded Gold Medal Panama Exposition 1915), 949 Bway, 175, 5th av....Gramercy 2713

Folding Boxes, Paper.
Acme Folding Box Co, 137-39 Wooster...Spring 6426
Blum A Folding Paper Box Co, 64 Washington av, Bklyn....Wmsburg 1772
Crescent Folding Box Co (Paper Boxes, Set-up and Folding of every description. Clothiers' Cleaners', Milliners' & Specialties), 179-183 Wooster....Spring 3710
Grand Union Folding Box Inc (Manufacturers of Ice Cream, Candy and Charlotte Russe Boxes, Cups, Oyster Fry and Folding Boxes of every Description), 21-23 E 4th....Spring 904
International Folding Paper Box Co (Manufacturers of all kinds of folding paper boxes and paper butter dishes), 398-400 S 2d Bklyn....Stagg 1050
Laplante & Dunklin Printing Co, 24-26 S William....Broad 5444
Myers J & P B Inc, 407 Broome....Spring 3398
Universal Folding Box Co Inc (Mnfrs of Folding Boxes & Cut Outs of every Description and Design. Our Capacity 1,000,000 Boxes Weekly, prompt delivery) Bush Terminal bldg No 19, Bklyn....Sunset 6354

Folding Boxes, Paper & Cartons & Box Envelopes.
Tension Envelope Co The, 33, 34th Bush Terminal Bklyn....Sunset 6000
See our Catalog Space, page 949

Folding Gates (Pitt-Bostwick & Lazy Tong Pattern).
Pitt William R Composite Iron Works, 219 W 26th....Chelsea 3100

Foot Powders.
Fougera E & Co Inc (Fastep Foot Powder), 90 Beekman....Beekman 1170

Foot Wear—Women's.
Degen-Lipp Tull Inc, 133 Floyd, Bklyn..Wmsburg 2751

Forced Draft.
Ving L J Mfg Co, 352-362 W 13th....Chelsea 7465

Foreign Freight Forwarders.
Andrews D C & Co Inc, 27 Water....Broad 1080
Stone-Gross Co Inc, 11 Broadway..Bowling Green 8894

Forgings.
Oenberger John Forge Co (Everett Ward), 1777 Broadway....Columbus 1914
See our Catalog Space, page 956
Williams, White & Company, 30 Church.Cortland 1644

Forgings, All Descriptions.
Hammond Steel Co Inc (P J Ryan, Rep) 30 Church....Cortland 1809

Forgings, All Kinds, Plain or Machined.
Connell J F, 45 Broadway....Rector 2729

Forgings, Iron & Steel.
American Car & Foundry Co, 165 Broadway....Cortland 8100

Forgings, Plain or Machined.
Ecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

Forgings and Special Works.
Mulstein John Co, 211-17 3d av, Bklyn....South 5195

Forwarding Agents.
Baker-Miller Shipping Co, 24 State....Broad 5985
Barton Edward J Lighterage Co, 59 Pearl..Broad 4613
See our Catalog Space, page 967
Harrison M & Co Inc, 77 Broad....Broad 822
Holtzoff L S & Co, 55 Broadway....Rector 4664
Sheldon G W & Co, 8 and 10 Bridge....Broad 2420
Trans-Continental Freight Co, Woolworth bldg....Barclay 3940
White R D & Co, 17 Battery pl....Rector 9451

Forwarding to all parts of the World.
Barton Edward J Lighterage Co, 59 Pearl..Broad 4613
See our Catalog Space, page 967

Foundation Borings.
Phillips & Worthington, 90 West....Rector 3017

Foundries.
Central Foundry Co The, 90 West....Rector 1860
See our Advertisement Outside Back Cover

Foundry Facings & Supplies.
Barrett Company The, 17 Battery pl....Rector 600

Foundry Facings Supplies and Equipment.
Whitehead Brothers Company (Sales Offices in Buffalo & Providence), 537 W 27th.Chelsea 8130

Foundry Supplies.
Gerdes & Company Inc (Chaplets-Oil Burners, etc), 28 Church....Cortland 7673

Fountain Pen Holders.
Dods H B The Wizard, 187 Lafayette....Spring 3760

Fountain Pen Mnfrs.
Byers & Hayes Co, 68 Barclay....Cortland 7237

Fountains (Display and Drinking.)
Fiske J W Iron Works, 78-80 Park pl...Barclay 6730

Frames (Picture—Mouldings).
U S Frame & Picture Co, 24 Barclay....Cortland 1515

Freight Contractors.
Anglo-Oriental Shipping Co Inc, 115 Broadway....Rector 3769
Baker-Miller Shipping Co, 24 State....Broad 5985
White R D & Co, 17 Battery pl....Rector 9451

Freight Foreign Contractors & Forwdrs Custom Brokers.
Faunce John H, Bridge & Whitehall....Broad 994

Freight Forwarders.
Barton Edward J Lighterage Co, 59 Pearl..Broad 4613
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Freight Forwarders, Foreign and Domestic.
Trans-Continental Freight Co, Woolworth bldg....Barclay 3940

Fringes.
Manheim A & Co, 19 W 18th....Chelsea 3971

Fumigating.
Hopper J M (Willis E Stafford & Son), 120-122 Livingston, Bklyn....Main 180

Fumigating & Disinfecting.
Ortner Charles, 310 W 125th....Morningside 6904

Funeral Directors.
Hopper J M (Willis E Stafford & Son), 120-122 Livingston, Bklyn....Main 180

Fur Dealers.
Steiner Jos & Bros, 115 W 30th....Farragut 4565
Wulfsohn M & Co, 109 W 27th....Farragut 2651

Fur Dealers and Furriers.
Mischo H J & Co Inc (Manufacturers of exclusive Furs. Established 1867) 29-35 West 32d....Mad Sq 1893
Reich R & Son, 1237-1239 Broadway....Mad Sq 2155
Tepper J O, 12 W 36th....Greeley 5823

Fur Dressers and Dyers.
Goldstein Charles, 307-311 Cleveland, Bklyn....Cypress 1447
Great Northern Fur D & D Co (Artistic Fur Dyers, by the Ladeless Process. Colors, Hudson Seal, Near Seal, Sealin, on Muskrat, Rabbit, Nutria) 328-330 E 26th....Mad Sq 2245

Fur Supplies in Chains & Crochet Novelties.
Caporizzo A, 361 Flushing av, Bklyn..Wmsburg 3445

Furriers, Manufacturing.
Schwartz Brothers, 141-145 W 36th....Greeley 4092

Furriers Supplies and Muff Bed Manufacturers.
Goldwasser J (Muff Beddings of Every Description a Specialty), 153-159 W 27th....Farragut 9070

Furnaces.
Hermansen A, Woolworth bldg....Barclay 7666

Furnaces (Oil & Gas) Annealing, Forging, Heat-Treating.
American Shop Equipment Co, 30 Church.Cortland 640

Furnaces—Electric, Laboratory & Industrial.
Hoskins Mfg Co, Grand Central Terminal....Murray Hill 5340

Furnaces, Oil for Forging, Heat Treating, etc.
Railway Materials Co The, Singer bldg.Cortland 6547

Furnaces—Torches—Stoves, (Kerosene Oil Pressure).
General Maintenance Co, 70 Murray....Barclay 6490

Furniture.
Emery-Christopher Co, 149 Broadway...Cortland 1942
Grand Rapids Furniture Co Inc, 34 W 43d.Mad Sq 3491
See our Catalog Space, page 957
Irving & Casson-A H Davenport Co, 601, 5th av....Murry Hil 7230

Furniture (Steel Shelving and Cabinets).
Columbia Metal Box Co, 224 E 144th...Melrose 6241

Furniture Manufacturers.
New York Wood Working Corporation, 506 E 19th....Gramercy 3239
See our Catalog Space, page 1026

Furniture Manufacturers—Upholstered.
Greenstein Saml & Sons (Manufacturers of Library and Parlor Furniture) 470 Flushing av Bklyn....Wmsburg 3315

Furniture Movers.
Anglo American Lift Van Co (Our Specialty, Moving Household Furniture and Works of Art in Lift Vans), 24 State....Broad 7776
Dochterman Van & Express Co The, (Established Over 40 Years, Storage, Moving), 457-471 E 10th....Orchard 4630

Fuses, Renewable Cartridge Type.
Star Fuse Co Inc, 290 Church....Franklin 1403

Gages—Altitude.
Bergin Edward J, 5 W 16th....Chelsea 1049

Gages, Ammonia, Hydraulic, Steam (all Pressures).
Bogardus-Nelson Company (Geo W Neil, Mgr), 50 Church....Cortland 4748

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Gages—Steam and Hydraulic all Pressures.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Gages and Vacuum Recorders.
Uehling Instrument Co, Empire bldg.....Rector 9638

Galvanized Range Boilers.
Trageser John Steam Copper Wks, 447-57 W 26th .....Chelsea 8140

Galvanizers—Electro Galvanizing.
Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

Galvanizers—Hot Process—For The Trade.
Perkins Galvanizing Works, 1943 Pitkin av, Bklyn.....East New York 7538

Garage Gas-Heaters—Approved Safety.
Kidde & Co, 169 Chambers.....Worth 7298

Garages, Portable—Steel.
Pruden C D Co The (Leigh Pruden), 56 Pine .....John 2080
See our Catalog Space, page 926

Garages, Portable—Steel and Wood.
Hoboken Garage Mfg Co ("Durabilt" Portable Steel and Wood Buildings of all kinds. Garages, Storehouses, Etc), 1328 Broadway .....Greeley 1576

Garbage Destructors & Incinerators.
Borge Incinerator Corporation, Flatiron bldg .....Gramercy 623
Morse-Boulger Destructor Co, 39 Cortlandt .....Cortland 8185

Garden Furniture.
Jackson Wm H Company, 2 W 47th.....Bryant 8430

Garden Furniture and Decorations.
Kraus J C Cast Stone Works Inc, 363 Lexington av .....Murray Hill 4926

Garment Hangers.
Heitler Kurt, 221, 4th av.....Stuyvesant 7594
National Hanger & Fixture Mfg Co Inc "Faultless", 496-498 E 134th.....Melrose 4555

Garment Hangers, Wood and Wire.
Nagely Garment Hanger Co, 234, 5th av. Mad Sq 4710

Garnet Paper, Sand Paper and Emery Cloth.
United States Sand Paper Co (Crowell & Lehnhardt, Representative), 86 Warren. Barclay 5680

Gas Burner Manufacturers (Lava).
Kirchberger M & Co Inc, 116 E 27th.....Mad Sq 2132

Gas Burners.
Gas Tip & Self Lighter Co, (Aluminum Tips for Lighting and Heaters) 1 Broadway .....Bowling Green 8125

Gas and Electric Light Fixtures.
Bayley & Sons Inc, 105 Vanderveer, Bklyn .....East N Y 500

Gas Engines and Gasoline Engines Repaired.
Reliable Gas Engine Co, 238 E 111th.....Harlem 5499

Gas Fixtures.
Artistic Lighting Fixture Corp, 21-25 E Houston .....Spring 3733

Gas Heated Sad-Irons.
Sunshine-Jasper Co Inc 59 E 8th.....Stuyvesant 4560

Gas Mains.
Central Foundry Co The, 90 West.....Rector 1860
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Gas Mantle (Mnfrs).
European Light Company Inc (Manufacturers Soft Mantles, Arc Lamps, Accessories), 100 Chambers .....Barclay 5949

Gas Mantle Dips.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Gas Producers.
Akerlund & Semmes Inc, 17 Battery Place..Rector 2758

Gas Radiators & Stoves & Cooking Appliances.
Wolff A H Gas Radiator Co The, 399 W Broadway .....Canal 3755

Gas Tubing.
Titeflex Metal Hose Corp, 120 Broadway..Rector 8024

Gaskets, Asbestos, Rubber, Super-Heat.
Danubil Co The 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Gaskets—Felt, Paper or Card Board.
Brawley T R, Adams & York sts, Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams & York sts Bklyn .....Main 488
See our Catalog Space, page 952

Gasoline.
Union Petroleum Company, 17 Battery pl. Rector 7479

Gasoline Air Pressure Systems.
Sage Bros Inc, 780 Union, Bklyn.....South 5200

Gasoline Engines, also Pumping, Hoisting Outfits.
Martin W I, 111 Broad.....Broad 283

Gasoline Hose.
Titeflex Metal Hose Corp, 120 Broadway..Rector 8024

Gasoline Hose (Mnfrs.)
Metal Hose & Tubing Co 253 Tillary, Bklyn. Main 9975

Gasoline Tanks for Motor Trucks.
Trageser John Steam Copper Wks, 447-57 W 26th .....Chelsea 8140

Gate Valves—Brass.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Gates, Entrance, Iron and Wire.
Brook A T Fence Co, 37 Barclay.....Barclay 6278

Gates Folding (Pitt-Bostwick & Lazy Tong Pattern).
Pitt William R Composite Iron Works, 219 W 26th.....Chelsea 3100

Gates Folding—Wire.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Gear Cutting (Contract Work).
Mecca Machinery Co, 86-87 Adams, Bklyn...Main 7065

Gears.
Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065

Gears—Cut and Cast Teeth.
Gerdes & Company Inc (All Kinds, also Rawhide Pinions), 28 Church.....Cortland 7673

Gelatine and Glue.
National Glue & Gelatine Works, 59th & 11th av .....Columbus 9700

Genealogists.
Youngs Florence E, 38 West 59th.....Plaza 4259

Generators & Dynamos, Direct & Alternating Current.
Diehl Mfg Co, Singer bldg, 149 Bway...Cortland 1802

German Silver, Sheet, Rod, Wire & Tube.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Ginger Ale.
Manitou Mineral Water Company The, 225, 5th av.....Mad Sq 903
See our Adv on Backbone and page 980 Catalog Section

Ginger Champagne.
Manitou Mineral Water Company The, 225 5th av.....Mad Sq 903
See our Adv. on Backbone and page 980 Catalog Section

Glass.
Siller H F (Glass & Mirrors for Export only), 59-61 Pearl.....Broad 2308

Glass Aquaria. (Importers.)
Wapler Nicholas, 28 Warren.....Barclay 5920

Glass Benders.
Stenger John P & Son, (Glass labels, convex glasses, benders, small glass novelties, bent glass ovals, circles.) 521 Glenmore av, Bklyn.....East N.Y. 4126

Glass Blowing to Sketch.
Hiergesell Wm & Son, 111 Nassau....Cortland 4140

Glass Brushes.
Beegee Company (Erasers, Clutch Pencils & Specialties) 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

Glass Circles, Ovals & Squares for all Purposes.
Bienenfeld Glass Works, 850 Driggs av, Bklyn .....Wmsburg 3415
Sunshine's Glass Works, 35 Debevoise, Bklyn .....Stagg 220

Glass Covers for Clocks, Etc.
Wapler Nicholas, 28 Warren.....Barclay 5920

Glass Desk Pads (Glass Top—Felt Bottom).
Sainburg L & Son, 65-67 W Houston.....Spring 9843

Glass Furnaces.
Hermansen A, 1382 Woolworth bldg.....Barclay 7666

Glass Furniture Tops.
Feinberg & Feinberg, 433 W 42d.....Bryant 533
Greenbergs' H Sons, 174 E 104th.....Harlem 5477
Lafayette Mirror Co Inc, 173-175 Grand...Canal 8733

Glass, Plate & Window.
Crane Glass & Mfg Co Inc, (Crane Patent All-Glass Show Windows), 392 Hudson .....Spring 2955
Greenbergs' H Sons, 174 E 104th.....Harlem 5477

Glass Signs.
Herrlein & Henrich Co, 95-99 Hudson....Franklin 303

Glass, Stained and Leaded.
Haslach Walker Co Inc, 450 Gates av, Bklyn .....Decatur 128
Spiers Lederle Glass Co, 900, 6th av.....Circle 568

Glass Walls.
Keppler Glass Constructions Inc, 101 Park av ..... Murray Hill 7156

Glass—Wind Shields, Glass Furniture Tops, Mirrors.
Rawle M Co Inc, 796, 7th av..... Circle 2090

Glassine Paper Bags, Envelopes and Specialties.
Miller Brothers Co The, 216-228 High, Newark, N J ..... Branch Brook 1575

Gloves.
Littauer Bros, 257-268, 4th av..... Gramercy 2511
Luchs M G, 221, 4th av..... Stuyvesant 7584

Gloves—Chamoisette.
Sanford Narrow Fabric Co, 851, 4th av... Mad Sq 523

Gloves and Mittens.
Canvas Glove Manufacturing Works, 306 Graham av, Bklyn..... Stagg 4810

Glues (Mnfrs. & Importers).
Bayard & Co Inc, 29 Broadway..... Whitehall 620

Glues and Gelatine, Every Grade for Every Purpose.
Hewitt C B & Bros, 48 Beekman..... Beekman 3720
Kelsey, Risden & Cooper, 38 Park Row.. Cortland 4260

Glues and Gelatines.
Koff-Garrod Co Inc, Woolworth bldg..... Barclay 4576
Marquhar H D, 280-282-284 W 17th.... Chelsea 4074
National Gum & Mica Co, 59th & 11th av ..... Columbus 9700

Glues, Gelatines, Paper & Boards.
Hewitt C B & Bros, 48 Beekman st..... Beekman 3720

Glycerine Substitutes.
Kulomoline Company The, (Honey of Sugar), 111 Wall..... Hanover 7294
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Gold Leaf.
Ope W H Mfg Co, 116 W 32d..... Farragut 2632
Harris George E, 91 Centre..... Franklin 3958

Gold Leaf in Rolls.
Ope W H Mfg Co, 116 W 32d..... Farragut 2632
Schumacher Bros, 2583 Fulton, Bklyn. East N.Y. 6764

Gold Leaf Stamping.
Kause Richard M, 230 W 17th..... Chelsea 3945
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Manhattan Label Co (Gold Leaf Work on Paper, Cloth, Leather, Satin, etc., Labels, Box Tops), 68 E 12th..... Stuyvesant 4490

Gold—Refiners and Dealers in Bars—Sheet—Wire.
Hendy & Harman, 59 Cedar..... John 4338

Gold, Silver and Aluminum Leaf.
Keghlin Peter-Charles E Brown Co Inc, 26 Waverly pl..... Spring 8628
Kimmann Ludwig, 288 Bowery..... Spring 1625

Gold, Silver and Diamonds, Bought and Sold.
Kley John (Pays Cash for Platinum, Antiques, Jewelry), 654, 6th av..... Greeley 3945

Gold and Silver Leaf.
Kopp W H Company (Gold, Silver, Aluminum and Metal Leaf) 165-167 Spring. Spring 1133

Gold, Silver and Platinum Sweep Refiners.
Kable Smelting & Refining Co, 46 Gold ..... Beekman 701

Gold and Silver Trimmings, Tinsels, etc. Imptrs. & Mnfrs.
Rodgers Company The, 11 E 22d..... Gramercy 2308

Graphite Brushes for Generators—Mnfrs.
Fleck Carbon Co, 71 W Bway..... Barclay 6796

Graphite, Lubricating, Crucible.
Flake Graphite Co of N Y, 271 Broadway. Barclay 7135

Grate Bars.
Beggs James & Co, 36 Warren..... Barclay 5040
Godfrey Keeler Co, 70 Warren..... Barclay 6775
Salamander Grate Bar Co, 126 Liberty.... Rector 4335
See our Catalog Space, page 958

Grate Bars, Boilers—Pumps, New—Used.
Brooklyn Paper Mills 96-98 Jay, Bklyn..... Main 1395

Grate Bars & Stoker Fingers.
Gerdes & Company Inc, 28 Church..... Cortland 7673

Gratings, Steel for Power Houses, Areas, Boats.
Irving Iron Works Co, 3d & Creek sts, L I C..... Huntrs Pt 3342

Gravity Conveyors & Spiral Chutes for Boxed Mdse.
Minnesota Manufacturers Association, 30 Church ..... Cortland 4541

Grease Cups.
Kanter R J Co The, 647 Water..... Orchard 647

Greases.
Union Petroleum Company, 17 Battery pl. Rector 7479

Greases, Lubricating.
Fiske Bros Refining Co, 24 State..... Broad 3137
Kanter R J Co The, 647 Water..... Orchard 647

Greases, Lubricating Oils, Etc.
Oil & Grease Co of America, 261 Broadway. Barclay 8576

Greenhouse Builders and Material.
Jacobs S & Sons, 1365-79 Flushing av, Bklyn ..... Stagg 100
Metropolitan Material Co, 1335-39 Flushing av, Bklyn ..... Stagg 945

Greenhouse Painting and Glazing.
Finch William N, 99 N Henry, Bklyn. Greenpoint 2595

Grilles—Brass and Bronze.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn ..... Prospect 7688

Grinders.
Coates-Kendall Corp, 50 Church..... Cortland 6864
See our Adv opp. Title page Catalog Section

Grinders (Diamond for Industrial Purposes).
Diamond Drill Carbon Co The, 53-63 Park Row ..... Beekman 2514

Grinding Machines.
American Machinery Exchange Inc, 217 Centre ..... Canal 642
Best L Co, 76 Barclay..... Barclay 7419
Norton Company, 151 Chambers..... Worth 1066
Terminal Machine Co, 406-408 Broome... Cortland 3169

Grinding Machines (Chaser or Die).
Geometric Tool Co The (Vandyck Churchill Co Rep) Singer bldg..... Cortland 714

Grinding Machines, Electric.
Electro-Magnetic Tool Co, 426 Broome.... Spring 7086

Grinding Machines, (Electric) Bench, Hand, Aerial.
Electric Machine Tool Co, 50 Church.... Cortland 251

Grinding Machines—Plain, Universal and Internal.
Modern Tool Co (Walter H Foster Co), 50 Church ..... Cortland 2117
Modern Tool Co (F Wesley Parker, Mgr, Export Dept), 2 Rector..... Rector 6161

Grinding Materials, Wheels, Grain, Machines.
Universal Abrasive Products Co, 30 Church. Cortland 1711

Grinding Wheels.
Best L Co, 75 Barclay..... Barclay 7419
Norton Company, 151 Chambers..... Worth 1066

Grinding Wheels, Stock and Special.
Fallonite Co The, 120 Broadway..... Rector 4794

Grindstones.
Westpfal Frederick & Bro, 186 E Houston. Orchard 1717

Grocers' Store Furnishings.
Empire Hardware Co, 85 Warren..... Barclay 5833

Gummed Paper Mnfrs.
Standard Paper Co (J F Ryan, Rep), 52 Vanderbilt av..... Murray Hill 988

Gummed Papers.
Direct Sales Company, (Fred M Page Co) (Sealing Tape—Moistening Machines—Box Stay) 395 Broadway..... Franklin 720

Gummed Papers, Perfect & Seconds.
Elish M M & Co Inc, 29 Beekman..... Beekman 29

Gummed Tape and Moistening Machines.
National Binding Machine Co, 260 West.... Canal 8417

Gumming, Gluing & Pasting Machines.
Potdevin Machine Co, 253, 36th, Bklyn... Sunset 5181
Schwensen Louis C Co, 268, 41st, Bklyn.. Sunset 7164

Gumming in Sheets for Printers and Lithographers.
Wiener Bros (Varnishing, Gumming Die and Straight Cuttting), 692-694 Bway cor 4th ..... Spring 8625

Gums, Arabic.
Dilsizian Bros (Only direct importers in United States) 17 Battery pl..... Rector 6863

Gums—Arabic & Tragacanth.
Anderson P E & Co Inc, 99 John..... Beekman 1820

Gums, Liquid Glues and Adhesives.
National Gum & Mica Co, 59th & 11th av ..... Columbus 9700

Gums and Waxes.
Innis Speiden & Co, 46 Cliff..... Beekman 4031

Gutta Percha Tissue.
Soltau Robert & Co Inc, 148 W 23d..... Chelsea 7773

Gymnasium Apparatus.
Narragansett Machine Co, 52 Vanderbilt av ..... Murry Hill 732

Hair Dye Manufacturers.
Damschinsky Carl, 40-42 E 22d..... Gramercy 1452
Waldeyer & Betts (Safe Coloring for Hair or Beard) 315, 5th av..... Mad Sq 2083

Hair Goods and Hair Net Importers.
Mittelstaedt Bernhard Estate of, 86 University pl ..... Stuyvesant 3602

NEW YORK CITY—cont'd

Hair Goods Manufacturers.
National Hair Goods Co Inc, 368, 6th av.Gramercy 5387

Hair Goods (Human) Real Hair Nets, Imps. & Mnfrs.
Hoeg C C M, 17 E 14th.....Stuyvesnt 1217

Hair, Human, Horse, Etc.
Cone Frederick H 181 Front.....John 1998

Hair Net Mnfrs. and Importers.
Bender-Spitz Co (Distributors of famous Royalé Hair Nets), 24-26 E 21st...Gramercy 2581

Hair Nets.
Gary Theo H Co, 67-69 Irving pl.....Stuyvesant 7761
Hartmann Bros Inc, 334, 4th av.....Mad Sq 8685

Hair Pins (Celluloid).
Austin Walker Sales Co (Diadem Mfg Co, Fitchburg), 215, 4th av.....Stuyvesant 3211

Halvah Makers.
Gordon, Wolf, Cowen Co, 119-121 Ave D.Orchard 4140
Independent Halvah Co, 90-92 Meserole, Bklyn .....Stagg 3986
Turco Halvah Co Inc 183 Lewis.....Orchard 5248

Hand Bags and Valises.
Laitman S & Sons, 657 Broadway, Bklyn..Stagg 5166

Hand Cart Manufacturers.
Willets Manufacturing Co, 890 Bedford av, Bklyn .....Wmsburg 27

Handkerchief Manufacturers.
Acheson Harden Company The, 66 Leonard.Franklin 6084
Novelty Handkerchief Mfg Co, 41 Union sq .....Stuyvesant 3022

Handle Makers, Package or Parcel.
Acme Handle Co Inc, 267 Lafayette.....Spring 9485
Standard Handle Co, 183 W Houston.....Spring 2622

Handle Makers, Wooden.
Schutz Bros Inc, 71 West Broadway.....Barclay 9727

Handle Manufacturers.
Carpenter & Bayles Inc, 100 Walker.....Franklin 1679

Handles for Brooms & Brushes.
Josephie Geo Co Inc The, 227-229 Water.Beekman 3579

Handles—Wooden (Plain, Polished and Enameled.
Estes E B & Sons, 362, 5th av.....Greeley 4820

Handwriting Experts.
Carvalho David N (Questioned Hand-writing, Ink, Paper & Typewriting), 17 W 10th .....Chelsea 4168
Haring J V, 13 Park Row.....Barclay 8778
Horton Loren O 261 Broadway.....Barclay 6493
Lewis A R, 220 Broadway.....Cortland 5633

Hardware (Wholesale).
Blumberg W L & Co, 92 Chambers.....Barclay 5616

Hardware (Wholesale) Contractors & R R Supplies.
Green G S Co Inc, 74 Warren.....Barclay 8688

Hardware, Frameless Glass Slide Doors.
Vogt Albert Mfg Co 40-42 S 8th, Bklyn.Wmsburg 2227

Hardware Patents Secured.
Munn & Co, 233 Bway.....Barclay 8064

Hardware, Sawsets, Nail Pullers, Etc.
Morrill Chas, 100 Lafayette.....Franklin 3947

Hardware Specialties, Five and Ten Cent.
Fischer Bros & Corwin, 19 Warren.....Barclay 6162
Heitler Kurt, 221, 4th av.....Stuyvesant 7594

Hat Bands.
Muller Robert & Co, 22 Washington pl....Spring 4454

Hat Bands (Also All Hat Supplies).
Mast J B Co, 28-30 W 4th.....Spring 838

Hat Bands and Puggarees.
Washington Pleating & Binding Co The, 145 W 18th.....Chelsea 7754

Hat & Cap Materials.
Lincoln Hat Bank Co, (Ribbons and Silks for Crush Bands) 19 E 26th.....Mad Sq 9550

Hat Manufacturers.
R an W Hat Shop The, Fifth Ave bldg..Gramercy 4665

Hat Manufacturers, Soft.
Holoschutz Ike, 206 Centre.....Canal 8890

Hearing Devices.
Micropho-Detector Co Inc, 26 Cortland..Cortland 7290

Heaters (Feed Water).
Row & Davis, Engineers, Inc, 140 Cedar....Rector 9135

Heating Apparatus.
Lieblich H & Co, 653 W 181st.....St Nicholas 2870

Herbs.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

Hides & Skins.
Schmoll Armand, 41 Park Row.....Cortland 2096
Schmoll Fils & Co, 28 Spruce.....Beekman 2410
Star Jules & Co, 26-28 Ferry.....Beekman 3248

High Grade Machinists.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

High Speed Steel.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795
Darwin & Milner Inc, 156 Broadway.....Cortland 1956

Hinges (Invisible) for Auto Doors and Furniture.
Soss Mfg Co, 435-443 Atlantic av, Bklyn.....Main 1742

Hoisting Engines, Gasolene, Kerosene, Electric, Steam.
American Cement Machine Co The Inc, (Edw Ehrbar, Mgr), 270 West.....Canal 8473

Hoisting Engines, Special Gasoline or Kerosene.
Martin W I, 111 Broad.....Broad 283

Hoisting and Moving Safes and Machinery.
Krasilovsky S & Bro, 218 Centre.....Canal 187

Hoists.
Brown Hoisting Machinery Co The (Richard Devens), 50 Church.....Cortland 3798
Hoisting Machinery Co, 50 Church.....Cortland 1992

Hoists (Electric).
Shepard Electric Crane & Hoist Co, 30 Church .....Cortland 2565
See our Catalog Space, pages 937 and 959

Hoists, Chain, All Tupes Including Trolley Hoists.
Chisholm-Moore Mfg Co The, 30 Church.Cortland 4545

Hoists & Derricks.
Clyde Iron Works, 50 Church.....Cortland 5017

Hoists—Electric.
Northern Engineering Works (R A Byrns) 120 Liberty .....Rector 88

Hoists, Pneumatic.
Curtis Pneumatic Machinery Co, S Hudson Terminal bldg.....Cortland 2818

Holiday Goods—Traveling & Manicure Sets, Collar Bags.
Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 W Houston.....Spring 2367

Holy Water Fonts, Bisque Statues.
Wapler Nicholas, 28 Warren.....Barclay 5920

Hook and Eye Tape.
Austin Walker Sales Co (Kramer Mfg Co), 215, 4th av.....Stuyvesant 3211

Hoppers—Steel.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Horse Clothing.
Curtis & Von Bernuth Mfg Co, 88 West Broadway .....Barclay 7110
See our Catalog Space, page 916

Horse Hair.
Polack Co The Inc, 249 Pearl.....Beekman 1927

Hose.
Titeflex Metal Hose Corp, 120 Bway.....Rector 8024

Hose Clamp Manufacturers.
Ideal Clamp Manufacturing Co, 202 Bradford, Bklyn .....East N.Y. 5974

Hose, (Mnfrs.) for Gasoline.
Metal Hose & Tubing Co, 253 Tillary, Bklyn .....Main 9975

Hose Reels and Racks.
Cliff & Guibert Co, 460 W Broadway.....Spring 1808

Hosiery Manufacturers.
Burson Knitting Co, 346 Bway.....Franklin 2240

Hosiery, Underwear and Knit Goods.
Friedman Co The, 558 Broadway.....Spring 9294

Hospital Clothing.
Abbott Linen Supply The (Mnfrs Hospital Clothing, Internes' Uniforms, Operating Gowns, Suits, Caps, Patients' Gowns, Doctors' & Dentists' Coats made to measure) 1315 Stebbins av .....Intervale 3385

Hospital—Enamel Ware and Rubber Goods.
Thorner Bros, 140, 5th av.....Gramercy 4927

Hospital Equipments, Invalids Supplies.
Knauth Bros, 220 Fourth av cor 18th st.Stuyvesant 2522
See our Catalog Space, page 960

Hospital Furniture—Manufacturers of.
Hospital Supply Co The, 53-55, 5th av.Stuyvesant 74

Hospital and Institution Supplies.
Empire Hardware Co, 85 Warren.....Barclay 583
Lewis Samuel, 73 Barclay.....Barclay 540

Hospital Supplies.
Baker H W Linen Co, 41 Worth.....Franklin 926
Greenhaus D (Manufacturer Operating Gowns, Doctors' Coats, Trousers, Scull Caps, Rubber Aprons, Straight Jackets) 377 Atlantic av, Bklyn .....Main 71
Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 54
Watters Laboratories The, 53-55, 5th av.Stuyvesant 7

Hotel Brokers.
Fleming John J Co, 1133 Broadway....Farragut 711

Hotel and Restaurant Supplies—Dish Washing Machy.
Hamilton-Low Co The, 145 East 42d..Murray Hill 1431

Hotel and Restaurant Supplies, Patent Sugar Bowls.
Barry D J & Co, 88 Barclay.....Barclay 5978

Hotel Supplies.
Baker H W Linen Co, 41 Worth.....Franklin 5264
Federal Supply & Mfg Co Inc The, 2 Stone..Broad 2433

Hotels.
Hotel Margaret, 97 Columbia Heights, Bklyn.Main 4120
Hotel Montague, 103 Montague, Bklyn.....Main 3645
Hotel St George 51 Clark, Bklyn.....Main 10000

House Furnishing Goods and Stamped Ware.
Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

House Movers and Raisers.
Friestedt Underpinning Co, 3811 Woolworth bldg .....Barclay 5644

House Wreckers.
Empire Wrecking Co (Dealers in New & Second Hand Building Materials. Work done anywhere) Yards 400-14 Grant st, Maspeth L I, 74 Bway .....Rector 9780
Interstate Wrecking Co (New and Second Hand Materials), 420-430 Grand, Maspeth L I .....Newtown 2580
Sheinfrank House Wrecking Co Est 1877 (Buildings Wrecked Anywhere in United States), 620 E 14th.....Forsyth 9280

House Wreckers—Building Material.
Northeastern Supply Co, Harris and East av L I C.....Hunters Point 2966
Seagrist Company, 1094 Brook av.....Melrose 1143

Hub-Odometers.
American Taximeter Co, 1765 Broadway..Circle 533
Quinlan Jos T (Veeders, Hub-Odometers, Cyclometers and Counters), 1777 Broadway .....Columbus 8494

Human Hair Nets.
Hartmann Bros Inc, 334, 4th av.....Mad Sq 8685

Humidors for Cigars.
Lubeck & Guerin, 161-163 W 18th.....Chelsea 4119

Humidors, Humigars, Clay Cigar Case Moisteners.
Aldwell William & Co, 96 Warren.....Barclay 6265

Humus.
Phano Humus Co, 17 Battery pl.....Rector 8636

Hydraulic Engineers.
Ilton Water Wheel Co The, 90 West.....Rector 543

Hydraulic Presses—All Types and Sizes.
Watson-Stillman Co The, 50 Church....Cortlandt 8470

Hydraulic Presses, Pumps, Valves, Fittings and Accumulators.
Franklin Press Mfg Co The, 39-41 Cortlandt .....Bell Cortlandt 5083

Hydraulic Pumps—High Pressure.
Watson-Stillman Co The, 50 Church....Cortlandt 8470

Hydraulic Valves and Fittings—Presses, Etc.
Watson-Stillman Co The, 50 Church....Cortlandt 8470

Hydrometers.
Tagliabue G Estate of (Established in 1881), 302 Pearl .....Beekman 3590

Ice Cream Boxes.
Grand Union Folding Box Co Inc (Molds of Ice Cream, Candy & Charlotte Russe Boxes, Cups, Oyster Fry and Folding Boxes of every Description.), 21-23 E 4th.....Spring 904

Ice Cream Cones & Ice Cream Sandwich Wafers.
Consolidated Wafer Co, 515 to 521 Kent av, Bklyn.....Wmsburg 4888

Ice Cream Dishes and Spoons.
Tahl I Inc (Ice Cream Boxes, Paper Doilies, Etc), 319 Canal.....Canal 3916

Ice and Refrigerating Machine Mfrs.
Carbondale Machine Co The, 50 Church st.Cortland 8224

Ice and Refrigerating Machines and Plants.
De La Vergne Machine Co, Foot of East 138th .....Melrose 3200

Ice & Refrigeration Supplies.
Schwenker W M Inc, 340-342-344 E 92d...Lenox 435

Illuminating Fixtures.
Findlay Robt Mfg Co 28 Warren.....Barclay 7347
See our Catalog Space, page 970

Illustrators.
Hooper Will Philip, 200 Fifth av.... Gramercy 3112
See our Catalog Space, page 961

Illustrators (Fashion) Mail Order Catalogs, Etc.
Ollendorff Julian Studios, 22 E 17th st & 41 Union Square.....Stuyvesant 615

Import Agents and Merchants.
American Import & Export Corporation (Beans, Bristles, Fibres, Fertilizers, Furs, Glue stock, Gums, Hair, Hides, Meals, Oils (vegetable), Produce, Seeds, Skins, Spices, Tallow Wax), 640 Broadway.....Spring 7237

Importers.
A B C Export Corporation (Consignments and Foreign Manufacturers' American Representatives) 146 Liberty .....Rector 4495
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Cook N B Oil Company, 148 Front.....John 434
See our Adv. page 1 Opposite Inside Front Cover
"Essgee" Co of China Inc The, 621 Broadway .....Spring 9133
Fougera E & Co Inc (French and English Medicines and Pharmaceuticals), 90 Beekman .....Beekman 1170
Jardine Matheson & Co Ltd (Importers, Products from China and Japan) 25 Madison av.Mad Sq 3861
Kern Commercial Company, 114 Liberty....Rector 4713
Kleppe, Ostervold & Co Inc, 11 BwayBowling Green 9178
Northern Export & Import Co Ltd The, 13-21 Park Row.....Barclay 8898
See our Catalog Space, page 950
Seral Trading Corp, (Chinese Raw Product, Albumen and Yolk), 68 William.John 6323
Taisho Trading Company The, (Antimony, Copper, Cereals, Bean—Fish Oils) 115 Broadway .....Rector 8079

Importers, Coffee, Cocoa, Hides, Rubber, etc.
Hernandez C F Sons & Co, 17 Battery pl.Rector 5678

Importers—Copra Fish and Vegetable Oils.
Cook N B Oil Company, 148 Front.....John 434
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Importers—Crude Rubber.
Rose Frank B & Co, 11 Cliff.....Beekman 1688

Importers and Exporters.
Lathrop H R & Co Inc, 110-116 Beekman.Beekman 2836
Melichar Walter O, 1481 Broadway.....Bryant 9485

Importers—Real Laces & Art Embroideries.
Hamrah Bros, 78 Washington .. Bowling Green 9138

Incinerators for Garbage Waste, Etc.
Barge Incinerator Corporation, Flatiron bldg ..... Gramercy 623
Morse-Boulger Destructor Co, 39 Cortlandt ..... Cortland 8185

Index Card Systems and Supplies.
Koller & Smith Company Inc, 159 Leonard ..... Franklin 980

Indexers.
Denison D T S, 40 E 22d..... Gramrcy 150

Indicators—Steam.
Thompson Richard & Co, 126 Liberty Recto- 2063

Indigo Importers.
Warehouse Mercantile Co, 24 State. Broad 3254

Industrial Chemicals.
Innis Speiden & Co, 46 Cliff.....Beekman 4031

Industrial Engineers.
Engel Godfrey Sr Construction Co, 30 Church .....Cortland 8421
See our Catalog Space, page 1012

Infants' Bibs, Towels, Face Cloths, Pillow Slips.
Cordes Fred W, 41 Union Square.....Stuyvesant 4662

Infants' Bonnets.
Lancet M & Son, 74 Tompkins av, Bklyn.Wmsburg 3677

Infants' & Childrens Headwear.
Bauer Max Inc (From Popular Price to the Best) 29 E 22nd.....Gramercy 622

Infants, Childrens and Misses Hats (Mfrs.)
Steinthal L & Bro, 902-910 Broadway at 20th st .....Gramercy 792

Infants' French Painted Toilet Sets—Mnfrs.
"Ipex", 40-42 E 19th.....Gramercy 4663

Infants' Ribbon Novelties & Hand Pnt'd T'lt Sets—Mfrs.
"Ipex", 40-42 E 19th.....Gramercy 4663

Infusorial (Tripoli) Earth.
Oxford Tripoli Sales Co Inc, 11 Broadway .....Bowling Green 8850

Ingots, Aluminum Pure and Alloys.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, First Page opposite Section 1

Ingots—Heavy Open Hearth Forging.
Sweets Steel Co (J H Finch, District Sales Mngr), 2 Rector.. Rector 440

Ink Cans.
Pelletier Napoleon, 2d st near Broad, Maspeth, Bklyn .....Newton 1760

Ink Colors.
Horgan William J, 6 Platt.....John 1625

Ink Stand Manufacturers.
Weeks Frank A Mfg Co, 93 John.....Greeley 6181

Inks, Marking and Stencil.
Botts Marking Ink Co The, 330 Pearl...Beekman 4630
See our Catalog Space, page 961
Garvey's Inks & Brushes (W H Alexander), 68 Leonard ..... Franklin 1329

NEW YORK CITY—cont'd

Inks, Marking & Stenciling.
Binney-Smith Co, 81 Fulton.....Beekman 4020
Diagraph Stencil Machine Corp, 96 Warren.Barclay 5187
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander), 66-72 Leonard .....Franklin 1329
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Inks—Printing & Lithographing.
Kern Commerical Company, 114 Liberty...Rector 4713

Insect Exterminators.
Brown's Insecticide Co, 204 E 44th....Murry Hil 2271
Opitz John Inc, 183 E 3d.....Orchard 2061

Insect Vermin Exterminators.
Ortner Charles, 310 W 125th.....Morningside 6904

Insecticides.
Brown's Insecticide Co, 204 E 44th....Murry Hil 2271

Inserts—Concrete.
Star Expansion Bolt Co, 149 Cedar.....Rector 4655

Inserts, Concrete: Expansion Bolts and Anchors.
Richmond Screw Anchor Co, 416 World bldg .....Beekman 4000

Inspection Bureaus.
Hunt Robert W & Co, 90 West.....Rector 3709

Inspection & Tests.
Electrical Testing Laboratories, 80th & East End av ..... Lenox 5513

Instrument Metal and Temperature Testing.
Shore Instrument & Mfg Co Inc, 555-557 W 22d .....Chelsea 3252

Instruments, Metal Testing.
Holz Herman A, 1 Madison av.....Gramercy 181

Insulation, Porcelain Enameling on steel-acid Proofing.
Manhattan Dial Mfg Co, 40 Lexington av, Bklyn .....Prospect 1830

Insurance.
Rollins, Burdick & Hunter Co, 80 Maiden la.John 2760

Insurance Brokers.
Feingold Lewis M, 123-133 William.....John 2282
Fuerst William F Inc, 87 Nassau.....Cortland 1633
Whittaker Thos E, 87 Maiden la.....John 3035

Insurance Brokers and Agents.
Hollister L T Inc, 92 William.....John 3340
Squire Company Inc, 1 Liberty.....John-5243

Insurance of Every Description.
Paige John C & Co, 115 Broadway.....Rector 9877

Interior Decorators.
Nelson W P Co, 209 W 33d.....Greeley 6626

Intermediates.
American Aniline Products Inc, 80 5th av..Chelsea 9500

Invalid Supplies.
Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449
Watters Laboratories The, 53-55, 5th av.Stuyvesant 746

Invalids' Chairs, Beds & Appliances.
Knauth Bros, 200 Fourth av cor 18th....Stuyvesant 2523
See our Catalog Space, page 960

Investment Bankers.
Brooks P W & Co Inc, 115 Broadway....Rector 1432

Investment Securities.
Mandeville H L, 120 Bway.....Rector 7558

Investors' Lists.
Boyd's City Dispatch, 19 Beekman.....Beekman 4540

Iron.
Federal Tool & Alloyed Steel Corporation, 12 Platt .....John 6480
Standard Iron Works Inc, 508-510 East 74th .....Rhinelander 2756
See our Catalog Space, page 963

Iron Beams.
Rheinfrank Building Material Co, Est 1877, 620 E 14th.....Forsyth 9280

Iron and Brass Wire Work.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Iron Doors & Shutters Folding, Coiling or Geared.
Cornell Iron Works, 26th & 11th av.....Chelsea 1423

Iron Fences, Railings, Gates, Etc.
American Fence Construction Co, Church cor Barclay .....Barclay 6753
Anchor Post Iron Works, 165 B'way....Cortland 4886
Brook A T Fence Co, 37 Barclay.....Barclay 6278

Iron Fencing and Wire Fencing.
Fiske J W Iron Works, 78-80 Park pl...Barclay 6730

Iron for Export—All Classes.
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Iron Mnfrs, Wrought Iron Work for Plumbers, Roofers.
Stein's S Wrought Iron Works, 63 N Henry, Bkyn .....Greenpt 2997

Iron, Ornamental and Architectural.
Tyler W S Company The, 200 Fifth av.Gramercy 4595

Iron Risers and Treads for Stairs.
Riser & Moulding Co Inc, Thomas and Stewart av, Bklyn.....Greenpnt 2771
Standard Steel Sections Inc, 608 E 133d.Melrose 1966
See our Catalog Space, page 1009

Iron Scrap.
Brennan Bros, 459 W 18th.....Chelsea 3011
Leaf E B Co, 50 Church.....Cortland 2656
Salzberg H E & Co, 30 Church.....Cortland 684
Sterling Iron & Steel Co, 943 Courtlandt av .....Melrose 2403

Iron and Steel.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424
Brushaber C H & Co Inc, 30 Church...Cortland 1868
Commercial Iron & Steel Corp, 115 Bway.Rector 5101
Federal Tool & Alloyed Steel Corporation, 12 Platt .....John 6480

Iron & Steel (Bars).
American Car & Foundry Co, 165 Bway..Cortland 8100
Crouch W J Co Inc, 253 Broadway.....Barclay 4216

Iron and Steel—Export Shipments, Bars, Sheets, Etc.
Railway Specialties Corp, 30 Church....Cortland 3602

Iron and Steel for Export (All Classes).
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Iron Ventilators, Domes, Ceiling Lights for Churches.
Chernin & Molloy, 485 Gates av.....Decatur 5482

Iron and Wood Tanks—New—Used.
Brooklyn Paper Mills, 96-98 Jay, Bklyn....Main 1395

Iron Working Machinery.
American Machinery Exchange Inc, 217 Centre .....Canal 642

Iron Works Structural and Ornamental.
Engineering Iron Works, 211 3d av, Bklyn..South 5195
Mirkin A, 683 Rockaway av, Bklyn.....East N Y 2117

Ivory Jewelry.
Weidemann Carl H, 150 Nassau.....Beekman 4905

Ivory Substitutes.
Arlington Company (Ivory Py-ra-lin) 725 Broadway .....Spring 9900

Ivory Substitutes, Manicure & Traveling Sets, Premiums.
Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston.....Spring 2367

Jacks, Hydraulic—Punches, Etc.
Watson-Stillman Co The, 50 Church.....Cortland 8470

Jacks, Screw, Ratchet, Hydraulic, etc.
Duff Mfg Co The (Worlds Largest Jack Mnfrs) 50 Church.....Cortland 3033

Janitors' Supplies.
Lewis Samuel, 73 Barclay.....Barclay 5406

Japanese Goods.
Fo Sing Yuen & Co, 104 East 16th.....Stuyvsnt 468

Japanese Importations—General.
Salinger & Magnus, 912-920 Broadway.Gramercy 564

Japanning Metal Parts (Spraying Process).
Mecca Machinery Co, 85-87 Adams, Bklyn...Main 706

Japanning Metal Parts, Barrel Process Only.
Defiance Button Machine Co, 43-47 W 24th .....Farragut 373

Jewelers' Cases, Mnfrs.
Carow J & Co (Toilet, Manicure, Cutlery, Silverware, Chinaware Especially) 85 Warren .....Barclay 55

Jewelers' Cases, Paper Boxes and Trays.
Royal Jewelry Case Co Inc, 893 Broadway, Bklyn .....Stagg 40

Jewelers' Cases and Trays.
International Case Co, (Jewelry Cases, Paper Boxes, Trays, Novelties) 72 Grand.....Canal 80
Rueckert Mfg Co, 9-13 Maiden lane....Cortland 54

Jewelers Mnfrs. for Haberdashers.
Sampson John S & Son, 2 E 23d.....Gramercy 4

Jewelers, Manufacturing.
Goldsmith, Stern & Co, 33-43 Gold.....Beekman 1

Je. lers, Mnfg., Abalone Blister Pearl.
Barber Jewelry Mfg Co, 36 Gold.....Beekman 1

Jewelers, Manufacturing—College Fraternity Badge
Newman J F, 11 John.....Cortland 7
Stoll Robert, 12 John.....Cortland 1

Jeweler's Tools & Supplies.
Gesswein F W Co Inc, 16 John.....Cortland 1161

Jewelers Traveling & Manicure Sets—Premiums.
Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston.....Spring 2367

Junk.
Brennan Bros, 459 W 18th.....Chelsea 3011
Leaf E B Co, 50 Church.....Cortland 2656
Linzer Ignatz (Dealer in Scrap Iron, Metals, Rubber and Rope. I pay Highest Prices and Spot Cash), 148 E 4th.....Orchard 2410

Kerosene Engines also Pumping, Hoisting Outfits.
Martin W I, 111 Broad.....Broad 283

Kettles, Silver & Lead Lined.
Badger E B & Sons Co, 101 Park av....Vandrbit 1719

Kid & Fabric Gloves.
Topken Co, 257-265 Fourth av.....Gramercy 1902

Kindergarten Material Manufacturers.
Steiger E & Co, 49 Murray.....Barclay 6134

Kitchen Tables—Mfrs.—Porcelain.
Ingram-Richardson Mfg Co, 100 William...John 2394

Knit Goods.
Rose Knit Goods Co The, 1270 Broadway.Mad Sq 5731

Knit Goods—Silk.
Bernstein Knitting Mills, office & factory, Himrod st & Myrtle av, Bklyn.....Bushwick 4755
Salesroom, Fifth av Building, N Y C.Gramcy 313

Knit Goods—Underwear, Hosiery, Sweaters.
Hommel A & Son, 519 Broadway.....Spring 4818

Knitted & Cloth Underwear.
Superior Underwear Co The, 215 Fourth av at 18th .....Stuyvesant 2726

Knitting Machinery.
Auslie Knitting Machine Co, 281 Ainslie Bklyn .....Stagg 3497
Scott & Williams Inc Established 1865, 366 Broadway .....Franklin 2710

Knitting Pins (Celluloid and Steel).
Austin Walker Sales Co (Diadem Mfg Co) 215 Fourth av .....Stuyvesant 3211

Kodaks and Photographic Supplies.
Houghby Charles G Inc, 110-114 W 32d .....Farragut 3350

Label Cutters, Varnishers and Gummers.
Ober Bros (Labels, Die, Straight & Cigar Band Cutting) 692-694 Bway cor 4th..Spring 8625

Labeling Machinery for Bottles, Jars, etc.
Economic Machinery Co, 206 Bway.....Cortland 4239

Labeling Machines for Bottles, Jars, etc.
Economic Machinery Co, 206 Broadway..Cortland 4239

Labels.
Ready Roll Label Co Inc, 45-47 Crosby .....Spring 3945
See our Catalog Space, page 966
Rules Weaving Co, 200 Fifth av...Gramcy 1587
Schman Oscar & Co, 220-230 W 19th..Chelsea 8556
Sage Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965
Universal Binding Machine Co, 260 West..Canal 8417
Pasbach-Voice Lithographing Co Inc, 210, 11th av .....Chelsea 6420
Rothchild Press The, 45-47 Crosby.....Spring 3047
See our Catalog Space, page 966
United Label Embossing Co Inc, 60 East 10th .....Stuyvsnt 1275

Labels, Gummed, Embossed, Metal.
Stanley Mfg Co The (S Woodson Hundley, Agt), New Victoria Hotel.....Bryant 94

Labels, Hangers, Printed for Waists, etc.
Economy Press, 1506 Lexington av.....Lenox 4690

Labels Roll (Manufacturers).
Manhattan Roll Label Co, 31 Beekman.Beekman 4339

Labels and Stickers (Gold, Colors, Plain Embossed and Gummed).
Tablet & Ticket Co The, 381 Broadway.Franklin 2411

Labels & Tape Printed in Roll Form.
Gummed Products Printing Co Inc, Bush Terminal bldg, 148 39th, Bklyn.....Sunset 5391

Labels—Woven.
Alkahn Silk Label Co, 116-120 W 32d .....Farragut 6294

Labels, Woven—Silk & Cotton.
Universal Label Weaving Co, 200 5th av.Gramercy 5996

Laboratory Apparatus, Glassware & Supplies.
Meyer Camera & Instrument Co, 31 E 27th.Mad Sq 9873

Laboratory Furniture.
Kewaunee Mfg Co, 70 Fifth av.....Chelsea 3909

Laboratory Supplies.
Kny-Scheerer Corp The, 404-410 W 27th.Chelsea 5449

Laboratory Supplies & Equipment.
Knauth Bros, 220 Fourth av cor 18th..Stuyvesnt 2523
See our Catalog Space, page 960

Lace Curtains.
Patching John F & Co, 20 E 20th.....Gramercy 2785
Witcombe, McGeachin & Co, 20-24 W 37th.Greeley 236

Lace Decorations for Homes, Hotels, etc.
Patching John F & Co, 20 E 20th.....Gramercy 2785

Laces (Cluny and Torchon).
American La Dentelle Inc, 711 Broadway..Spring 1283

Laces & Embroideries.
Patching John F & Co, 20 E 20th.....Gramercy 2785

Laces—Real Italian and Chinese Filet Laces.
Bardwil Bros, 80 Washington.....Bowling Green 9430
Hamrah Bros, 78 Washington.....Bowling Green 9138

Lacquers.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Ladders.
Chesebro Whitman Co Inc, 1167 First av..Plaza 35

Ladders (Rolling-Step Ladders) all Kinds.
Putnam & Co Inc, 32 Howard.....Canal 9414

Ladies and Childrens Ready to Wear Garments.
Baumgart Herman, 518 Broadway.....Spring 5589

Ladies' Hat Manufacturers.
Folgeman Bros & Hirsh Inc, 43-51 West 36th .....Greeley 5789
Union Headgear Co The, 580-582 Bway...Spring 5115

Ladies' Underwear—Glove Silk.
Sanford Narrow Fabric Co, 351, 4th av...Mad Sq 523

Ladies' Waists.
Rosenthal Bros Co, 44 West 28th.....Farragut 4556

Laminated Brushes for Collector Rings, Etc. (Mnfrs.)
Perfection Supply Co, 98 Park pl.....Barclay 9748

Lamp Black & Blacks of all Varieties.
Martin L Co The, 81 Fulton.....Beekman 2775

Lamp Poles, Ornamental, Brackets & Fittings.
Morris Elmer P, 186 Liberty.....Rector 826

Lamp Posts and Brackets—Ornamental.
Gerdes & Company Inc (Also Marquees, Grilles, Railings, Stairs), 28 Church.Cortland 7673

Lamp Shade Frames, Wire.
American Globe Wire Works, 429 E 15th .....Stuyvesant 2568

Lamp Shade Trimmings.
Maag Edward (Fringes, cords, tassels, gimps and ornaments) 32-46 W 23d.....Gramercy 5234

Lamp Shades (Fabric).
Waldo Co Mfrs The, 45 E 20th.....Gramercy 5315

Lamps and Lamp Shades.
Maibrunn Co Inc The, 40-42 E 19th...Gramercy 6434

Lamps and Lanterns, Marine.
Perkins Marine Lamp Corp, 1943 Pitkin av, Bklyn .....East New York 7538

Language Text Books.
Steiger E & Co, 49 Murray.....Barclay 6134

Lantern Slide Advertising in Theatres & Out Doors.
Novelty Slide Co, 115 E 23d.....Gramercy 3672

Lantern Slides.
Greater New York Slide Co Inc, 154 W 45th .....Bryant 2825
Scott & Van Altena, 6 E 39th.....Vanderbilt 5062

Lantern Slides and Stereopticons.
Riley Optical Instrument Co Inc, 150 Fifth av .....Chelsea 725

Lantern Slides to Order for Lectures, etc.
Bates Eldred L (Artistic Slide Coloring Done Expert Colorist), 149 Ashland pl Bklyn .....Prospect 596

Lath—Expanded Metal.
Berger Mfg Co The, S E Cor 22d & 11th av .....Chelsea 1408

Lathes.
American Machinery Exchange Inc, 217 Centre .....Canal 642
Terminal Machine Co, 406-408 Broome..Cortland 3169

Lathes—Buffing & Grinding.
General Platers' Supply Co Inc, 56 Wall..Hanover 4250

Lathes 13" Engine, 5'6"7' Bed & Vertical Turret.
Standard Machinery Co, 41 Park Row (Branch) .....Cortland 1177

NEW YORK CITY—cont'd

Laundry Blues.
Horgan William J, 6 Platt.....John 1625

Laundry Machinery.
Grim John F, 454 Wythe av, Bklyn.....Wmsburg 2211
See our Catalog Space, page 967
Troy Laundry Machinery Co Ltd, 133 Centre av .....Franklin 4370
See our Catalog Space, page 966
United States Hoffman Machinery Co Inc, 63 Wall .....Hanover 7360

Laundry Supplies.
Lefranc Chlorozone Works Inc, 33 Division av, Bklyn.....Wmsburg 851
Thomson J M & Co Inc, 521 Broome....Spring 3720

Lawyers.
Dangler & Black, 110 W 34th.....Greeley 436
Sakowitz M J, 51 Chambers.....Worth 2325

Lawyers Leather Brief Cases (Manufacturers).
Urband Leather Goods Co, 153-159 W 15thChelsea 1305

Lawyers, Patent.
Griffin James H (Patents—Patent Causes, Consulting with General Lawyers A Specialty. Late Principal Examiner U S Patent Office), 277 Broadway .....Worth 1525

Lead.
Pope Trading Corp Inc, 90 West.....Rector 2436

Lead Burners, Chemical Works Erected.
Lower Louis K, 641 Carroll, Bklyn.....South 3552

Lead Burning.
Abernethy John F (Lead-lined tanks and Chemical Lead work of every description to order) 703 Myrtle av, Bklyn.Wmsburg 4342
Moore & Simonson, 30 Church.....Cortland 1053

Lead Furnaces.
Gerdes & Company Inc, 28 Church.....Cortland 7673

Lead—Ingots, Pig and Sheet.
United Smelting & Aluminum Co Inc, (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv., page 32. First page opposite Section 1

Lead Pencil Manufacturers.
Beck Pencil Manufacturing Co The (Makers of high grade lead pencils for commercial use. Plain pencils for imprinting purposes. Advertising pencils a specialty), 32 Union Sq .....Stuyvsnt 735

Lead Pencils, Wholesale.
Enlow Co Inc, 362 Broadway.....Franklin 1414

Lead, Pig.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Lead Pipe—Tin Pipe.
Union Smelting & Refining Co Inc, 604-608 E 19th..... Gramercy 6699
See our Catalog Space, page 1008

Lead Products.
Lissberger Marks & Son Inc, 281 Borden av, L I C.....Hunters Point 1497

Leaf Brushes for Collector Rings, Etc. (Mnfrs.)
Perfection Supply Co, 98 Park pl.....Barclay 9748

Leaf Tobacco.
Selgas & Co (Importers, Packers, Havana and Porto Rico) 128 Water.....Hanover 6831

Leather Advertising Goods and Souvenirs.
Simmons N, 37 E 12th.....Stuyvesant 2105

Leather Advertising Novelties.
Advertising Leather Specialty Co, 303 Mercer .....Spring 5126

Leather and Artificial Leather.
Korn Edward Co, 450-452 Broome.....Spring 893

Leather Bags, Brief Cases and Laundry Bags.
Urband Leather Goods Co, 153-159 W 15thChelsea 1305

Leather Bags & Cases.
Knauth Bros, 220 Fourth av cor 18th....Styvsnt 2523
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Leather Belting.
Alexander Bros, 149 Broadway.....Cortland 4750
Alexander Bros Leather Belting (Peter A Frasse & Co), 417 Canal.....Spring 9720
Alexander Bros Leather Belting (Patterson Bros), 27 Park Row.....Barclay 8320
Zimmer Conrad Belting Co (Manufacturers of "Storm King" (Water, Oil & Steam Proof) and "Back Bone" Leather Belting), Factory & Main Office, 70-76 Fulton .....Beekman 1224

Leather Brief Cases, Portfolios, Spelts & Novelties.
General Leather Goods Co, 1170 Broadway.Mad Sq 4230
Keystone Leather Goods Co Inc, 469-475 Broome .....Canal 3930

Leather Goods.
Moos Herbert, 36 East 21st st.....Gramercy 1174
Wolf Chas W, 22 Cortlandt st.....Cortland 2923
See our Catalog Space, page 967

Leather Goods (Fancy).
Rumpp C F & Sons Inc, 411 & 413 Fifth av .....Murray Hill 4541
Simmons N, 37 E 12th st.....Stuyvesant 2105

Leather Goods, Belts and Novelties.
Enterprise Mfg Co, 15 E 17th.....Stuyvesant 3797

Leather Goods, for Jobbing Trade.
Simmons N, 37 E 12th st.....Stuyvesant 2105

Leather Goods—Ladies' Hand Bags and Belts.
Shenfeld A & Sons, 101 Crosby.....Spring 6950

Leather Goods Mnfrs.
Cauter E A, 204 Church.....Worth 3373
Florin Philip, 465-467 Broome.....Canal 3744
Lamb Geo D, 337 Broadway.....Franklin 3359

Leather Goods Novelties—Wholesale.
Shulman & Sons (Billfolders, Card Cases, Hand Bags, Purses, Pocket Books, Wristbands, Good & Reasonable) 109-111 Ludlow .....Orchard 5827

Leather Goods—Traveling & Manicure Sets, Novelties.
Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston.....Spring 2367

Leather—Mnfrs. Upper Shoe Leathers.
Monarch Leather Co, 26 Ferry.....Beekman 2730

Leather Merchants—Fancy Leather.
Kasnowitz E (We manufacture Skivers and Sheep, also all kinds of Buffing, especially case Buffing in all colors, including black), 82 Gold .....Beekman 4614

Leather Novelties.
Levy & Merzbach, 1261 Broadway.Madison Square-2118

Leather Pocket Books and Novelties.
Stember John & Co, 821 Broadway.....Stuyvsnt 3037

Leather Puttees.
Colt-Cromwell Co Inc, 149 W 36th....Greeley 3367

Leather Remnants and Leather.
Steinberg & Tapman Co, cor Willoughby & Nostrand avs, Bklyn.....Wmsburg 1541

Leather Skiving Machines.
Fortuna Machine Co, 127 Duane.....Worth 5354

Leather Straps and Leather Specialties.
Leather Goods Mfg Co, 460 Broome.....Spring 8393
Lefkowitz Louis & Bro Inc, 1-17 Greene..Canal 3770

Leather Substitutes.
O'Bannon Corporation, 200 5th av.....Gramercy 5241

Leather—Substitutes—Imitation—Artificial.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway .....Rector 5720
Endura Mfg Co, 45 Lafayette.....Franklin 1885

Leather Suspender Trimmings.
Rosenberg Bros (Leather Trimmings Cut for All Trades), 574 Belmont av, Bklyn..East N Y 759

Lecture Slides.
Greater New York Slide Co Inc, 154 W 45th .....Bryant 2825

Leeches—for Medical Use.
Aquarium Stock Co, 150 Chambers.....Barclay 5392

Legging & Puttee Mnfrs—Novelties.
Hoffenberg A & Son, 820 Bway.....Stuyvesnt 1233

Leggings—Canvas, Leather, Puttee & Overgaiter Mfgrs.
Goodwear Leather Manufacturing Co Inc, 65-67 W Houston.....Spring 7451

Leggings—Leather & Canvas.
Klein Bros Leather Goods Corp (K B Brand) 439 LaFayette.....Spring 2167

Leggings, Overgaiters & Slippers.
Greilich William & Sons Inc, Marbridge bldg, 47 W 34th .....Greeley 5608

Leggings and Puttees.
B-E Manufacturing Co, 18-22 W 18th...Chelsea 5083

Leggings, Sandals, Shoes, Slippers and Overgaiters.
Kaufmann Emil Co, Park av and 129th...Harlem 59

Letter Brokers.
Guild Company, 65 Duane .....Worth 172

Letter Copying Books, Way bill and Invoice Books.
Boorum & Pease Co, 84 Hudson av, Bklyn...Main 79
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Letter Copying Machines.
Roneo Company, 117-119 Leonard.....Franklin 300

Letter File Supplies.
Koller & Smith Company Inc, 159 Leonard ..... Franklin 9

Letters & Figures (Steel)—Mnfrs.
Keene Fred H 149 Church.....Barclay 98

Library Newspaper Files & Magazine Binders.
Universal Binder The, 7 East 14th...Stuyvesant 2639

Licorice Products.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

Life Boat Gear, Davits, Releasing Hooks, Chocks, etc.
Stewart Davit & Equipment Corpn, 17 Battery pl .....Rector 6679
See our Catalog Space, page 1007

Life Boats, Rafts & Equipment.
Galbraith C C & Son, 90 West.....Rector 6246

Life Boats, Rafts, Equipment & Repairs.
Neptune Boat Works (Wooden & Metallic also Motor Boats) King & Dwight, Bklyn.Hamilton 1244

Life Saving Appliances.
Indestructible Ring Life Buoy Co, 97 Pacific, Bklyn .....Main 1921

Lighterage.
Barton Edward J Lighterage Co, 59 Pearl.Broad 4613
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Lees' Lighters, 44 Whitehall.....Bowling Green 9500
Merritt & Chapman Derrick & Wrecking Co, 17 Battery pl.....Rector 820

Lighting.
National X-Ray Reflector Co (R B Corby Mngr), 31 W 46th.....Bryant 6843
X-Ray Reflector Co of New York (R B Corby, Mngr), 31 W 46th.....Bryant 6843

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co (Brascolite), 80 Church .....Cortland 3339
See our Catalog Space, page 968

Lighting Fixtures.
Artistic Lighting Fixture Corp, 21-25 E Houston .....Spring 3733
Lindlay Robt Mfg Co, 28 Warren.....Barclay 7347
See our Catalog Space, page 970
Walter G E (Exclusive Designs—Antique or Modern Periods), 155-157 E 44th .....Murray Hill 4460

Lighting Fixtures, Electric (Exporters).
Brascolite (Theodore Stave Company, Distributors) 30 Church.....Cortland 656
See our Catalog Space, page 968

Lighting Fixtures, Electric for all Purposes.
Brascolite (Northwestern Electric Equipment Co, Distributors), 35 Vestry.....Canal 9080
See our Catalog Space, page 968

Lighting Fixtures—Gas & Electric.
Meinfrank Building Material Co, Est 1877, 620 East 14th.....Forsyth 9280

Lightning Rod Equipment and Erections.
Jones Thomas W, 153 Maiden Lane.....John 1668

Lightning Rods.
Ashburne E G & Co, 207 Fulton.....Cortland 3125

Lights, Portable Carbide.
Auburn, Alexander Co The, 51 E 42nd.Murray Hill 2287
See our Catalog Space, page 1024

Lime.
Palmer Lime & Cement Co, 103 Park av .....Murray Hill 2585
See our Catalog Space, page 970

Lime Kilns, Hydrating Plants & Special Machinery.
Macy-Schmidt Mfg Co, 50 Church....Cortland 4056

Lime Sack Manufacturers.
Miller, Tompkins & Co, 487 Washington...Canal 9075

Linen Crashes.
Andrews Robert Company, 115-117 Franklin .....Franklin 3880

Linens—Decorative.
Salinger & Magnus, 912-920 Broadway.Gramercy 564

Linens for Hotels.
Baker H W Linen Co, 41 Worth.....Franklin 5264

Linens For Hotels and Restaurants.
Barry D J & Co, 83 Barclay.....Barclay 5978

Linoleums.
Adler H Leonard & Co, 2 and 4 Stone....Broad 1309
Emery-Christopher Co, 149 Broadway...Cortland 1942
Manges, Simon & Son, 83 Ave A.....Orchard 6686
See our Catalog Space, page 928
Nestler Bros (Linoleums in all Qualities and Patterns. Plain and Parquet Effects. For residence, Private Institutions Home and Office) 126 First av.....Orchard 4150

Linseed Oil.
Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433

Liquid Soap.
Clifton Chemical Co, 317-319 Greenwich..Worth 1680
Frank P M Disinfecting Co (Awarded in Competitive Tests, U S Government Contract) 91 Bleecker.....Spring 8250

Liquid Soap Dispensers.
Morrill Chas, 100 Lafayette.....Franklin 3947

Lists, All Classifications.
Boyd's City Dispatch, 19 Beekman.....Beekman 4540

Lists, Export, Import, Ship Builders & Manufacturers.
Wendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export-Commission Houses, List of over 1,000 U S & Canada Shipbuilders), Bennett bldg, 93 Nassau.....Cortland 7630

Litho—Zinc Reproductions.
New York Blue Print Paper Co, 102 Reade..Worth 600

Lithograph Die, Cutting, Mounting, Etc.
Usoskin Ed Inc, 230 W 17th.....Chelsea 6438

Lithographers.
Edwards & Deutsch Lithographing Co (J E Hager Co, Rep), 156 Fifth av.....Chelsea 9967
Erie Lithographing & Printing Co, Marbridge bldg .....Gresley 3606
Gutmann Ferdinand & Co, 134 W 29th..Farragut 9780
Krause Richard M, 230 W 17th.....Chelsea 3945
See our Catalog Space, page 965
Lutz & Sheinkman (Stationery Cards, Labels, Stock Certificates, Color work), 2 Duane .....Beekman 4293
O'Brien J J & Son, 122 E 23d.....Gramercy 5920
Pasbach-Voice Lithographing Co Inc, 210 11th av .....Chelsea 6420
Ritterband Reed & Co Inc (We are letterhead specialists Letter heads lithographed on Marion Bond create the right impression. Ask for samples) 54-60 Lafayette.....Franklin 4270
Schmitt George & Co Inc (Established 1874, High Grade Color Work Specialties Cigar and Perfume Labels and Seals, Candy and Handkerchief box Tops), Grand and Florence, Bklyn .....Stagg 61
Usoskin Ed Inc (Complete Window Displays, Posters, Car Signs, Cut-Outs, Specializing in Short Runs), 230 W 17th.....Chelsea 6438

Lithographers—Labels—Advertising Matter.
Neuman Louis E & Co, 257 W 17th.....Chelsea 8336

Lithographers on Metal.
Phoenix Hermetic Co, 8720 14th av, Bklyn .....Sunset 5426

Lithographers' and Printers Finishers.
Wiener Bros (Varnishing, Gumming Die & Straight Cutting), 692-694 Bway cor 4th st....Spring 8625

Lithographic Stones and Supplies.
Senefelder Litho Stone Co Inc (The) 187 Washington .....Cortland 5718

Lithopone Mfrs.
Krebs Pigment & Chemical Co The, 217 Broadway .....Barclay 5647

Lockers (Steel).
Durand Steel Locker Co, 132 Nassau....Beekman 1182
Hart & Hutchinson Co The, 9 E 40th..Murray Hill 9708
Medart Fred Mfg Co (Geo Kabureck Rep) Townsend bldg, 1123 Bway.....Farragut 2947
Narragansett Machine Co, 52 Vanderbilt av .....Murry Hill 732

Lockers for Clothes—Steel.
Berger Mfg Co The, se cor 22d and 11th av Chelsea 1408

Locks, Frameless Slide Doors
Voigt Albert Mfg Co, 40-42 South 8th, Bklyn .....Wmsbg 2227

Locks, Time Recording.
Phelps Guardant Time Lock Co (Secure your territory for rental service) 114 Liberty .....Rector 2989

Locomotive Cranes Second Hand & Rebuilt.
Hoisting Machinery Co, 50 Church.....Cortland 1992

Locomotives—Gasoline—Industrial Uses.
Ridgway, James A, 233 Broadway.....Barclay 6398
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Locomotives—New and Rebuilt.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Locomotives—Second Hand & Rebuilt.
Hoisting Machinery Co, 50 Church.....Cortland 1992

Logwood.
National Gum & Mica Co, 59 and 11th av .....Columbus 9700

Loose Leaf.
Semple-Rieger Co The, 521 W 23d.....Chelsea 2290
See our Catalog Space, page 972
Wilson-Jones Loose Leaf Co, 129 Lafayette .....Franklin 2704

Loose Leaf Binders.
Boorum & Pease Loose Leaf Book Co, 84 Hudson av, Bklyn.....Main 7986
See our Catalog Space, page 923
Business Systems Co, 104 Beekman....Beekman 2671
Gem Binder Co The, 65 West Broadway..Barclay 5927

Loose Leaf Devices.
Benton Mfg Co Inc, 9 Bethune.....Chelsea 1064
Boorum & Pease Loose Leaf Book Co, 84 Hudson av, Bklyn.....Main 7986
See our Catalog Space, page 923
National Blank Book Co, 52-58 Duane.....Worth 4120
Sheppard C E Co The, 311 Hudson.....Spring 7400
Wolf E A Paul Co, 343 Greenwich.....Worth 1097

Loose Leaf Holders, Adjustable.
Rockhill & Vietor (For Binding Loose Leaf Records), 22 Cliff.....Beekman 1972

Loose Leaf Ledgers.
Boorum & Pease Loose Leaf Book Co, 84 Hudson av, Bklyn.....Main 7986
See our Catalog Space, page 923

Loose Leaf Mfrs. Bookbinders, Paper Rulers.
Austin & Magill Inc, 20 Murray.....Barclay 7865
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Loose Leaf Ring Binders.
Boorum & Pease Loose Leaf Book Co, 84 Hudson av, Bklyn.....Main 7986
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NEW YORK CITY—cont'd

Loose Leaf Systems.
Boorum & Pease Loose Leaf Book Co, 84 Hudson av, Bklyn.....Main 7986
See our Catalog Space, page 923
Tatum Saml Co The (R C Mackey, Agt) 54-60 LaFayette .....Franklin 1150

Loose Leaf Systems & Devices.
Martell A E Co, 258 Broadway.....Barclay 5992

Lubricating Candles.
Faul William J Company, 133 Front.....John 3865

Lubricating Greases.
Kanter R J Co The, 647 Water.....Orchard 647

Lubricating Oils & Greases.
Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433

Lumber (Foreign Cabinet Woods.)
Hunter J A & Co, 32 Broadway.....Broad 5533

Lumber—Basswood and Hickory.
Merrall F R & Co (Largest dealers in Basswood in City) 505-507 East 18th .....Gramrcy 3167

Lumber—Pressed Steel Joists, Studs, Etc.
Berger Mfg Co The, se cor 22d and 11th av.Chelsea 1408

Lumber, Used.
Rheinfrank Building Material Co Est 1877 620 East 14th.....Forsyth 9280

Macaroni Drying Machines.
Sicignano M, 66 Harrison Bklyn.....Hamilton 2756

Macaroni Exporters.
Pastene P & Co Inc, 152-154 Franklin..Franklin 1261

Macaroni and Vermicelli Exporters and Domestic.
Daussa P & Co (Manufacturers High grade Macaroni and Vermicelli), 200-210 Van Brunt, Bklyn.....Hamilton 1252

Machine Guards.
Expanded Metal Engineering Co, 101 Park av .....Murray Hill 4097

Machine Knives for Woodworking Machinery.
Thomson's William S Son, 418 W 27th..Chelsea 1223

Machine Shop Tools.
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 968

Machine Tools.
American Machinery Exchange Inc (New and Second Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders, Entire Plants Bought and Sold), 217 Centre.....Canal 642
Bennett G L Machinery Co Inc, 30 Church .....Cortland 3285
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Dennett George (New and Second Hand Entire Plants Purchased) 237-239 Center...Spring 1187
Inter Continental Machinery Corp, 165 Bway .....Cortland 6700
International Machine Tool Co, 401 Broome.Spring 197
Lamberg A & Company, 241-243 & 251 Centre .....Spring 3065
See our Catalog Space, page 974
Lazarides Mfg Co, 136 Liberty and 141 Cedar .....Rector 2724
Leygrand & Company (Heavy Machinery, Presses and Machine Tools) 120 Broadway .....Rector 4794
See our Catalog Space, page 978
Manhattan Machinery Exch (New and Used; Entire Plants Purchased), 30 Church .....Cortlandt 954
Modern Machinery Exchange, 52 Walker.Franklin 3796
See our Catalog Space, page 975
Perle Machine Tool Co The, 253 Centre..Spring 5086
Terminal Machine Co, 406-408 Broome..Cortland 3169

Machine Tools—Engine, Lathes, Turret Lathes.
New York Machinery Exchange, 50 Church .....Cortland 6661

Machine Tools—New—Rebuilt.
New York Machinery Exchange, 50 Church .....Cortland 6661

Machine Tools—New and Second Hand.
New York Machinery Exchange, 50 Church .....Cortland 6661

Machine Tools, Planers, Shapers, Milling Machines.
New York Machinery Exchange, 50 Church .....Cortland 6661

Machine Tools—Presses—Punches, Drilling Machines.
New York Machinery Exchange, 50 Church .....Cortland 6661

Machinery.
American Machinery Exchange Inc (New and Second Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders Entire Plants Bought and Sold), 217 Centre.....Canal 642
Lamberg A & Company, 241-243 and 251 Centre .....Spring 3065
See our Catalog Space, page 974
MacNab John Machinery Co, 90 West....Rector 5183
Modern Machinery Exchange, 52 Walker.Franklin 3796
See our Catalog Space, page 975
N Y Crating & Forwarding Co (Machinery crated or boxed for Export), 521-523 W 37th.Greeley 4617
Ordnance Engineering Corp (Heavy Machinery, Presses & Machine Tools), 120 Broadway .....Rector 4794
See our Catalog Space, page 984
Perle Machine Tool Co The, 253 Centre....Spring 5086
Schwartz & Land (Entire Plants Purchased) 207 Centre .....Canal 9310
Terminal Machine Co, 406-08 Broome...Cortland 3169
Thiesmeyer John D Jr (New and Used Machinery Bought and Sold. Write or Wire Your Wants), 15 Park Row.....Barclay 9657

Machinery, all kinds.
International Bureau of Supplies, 135 Broadway .....Cortland 6997

Machinery, Boilers & Engines Second-Hand.
Brearley H P, 140 Cedar.....Rector 9448
See our Catalog Space, page 973

Machinery, Bulldozers.
Williams, White & Company, 30 Church.Cortland 1644

Machinery, Chemical.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

Machinery, Coal Handling, Wagon Loaders & Screens.
Haiss George Mfg Co, 141st and Rider av.Melrose 241

Machinery Contractors.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

Machinery, Crushing.
West Pulverizing Machine Co, 220 Broadway .....Cortland 272

Machinery Dismantlers & Wreckers.
Leaf E B Co, 50 Church.....Cortland 2656

Machinery for Broom & Brush Mnfrs.
Josephie Geo Co Inc The, 227-229 Water .....Beekman 3579

Machinery, for Forging, Rolling and Bending.
Williams, White & Company, 30 Church.Cortland 1644

Machinery (Electric Welding) for Spot & Butt Work.
Electric Machine Tool Co, 50 Church..Cortland 251

Machinery, Hammers Power and Drop.
Williams, White & Company, 30 Church.Cortland 1644

Machinery—Hydraulic Pumps, Presses, etc.
Watson-Stillman Co The, 50 Church....Cortland 8470

Machinery, Metal Working.
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

Machinery Movers.
Krasilovsky S & Bro, 218 Centre.....Canal 187

Machinery Patents Secured.
Munn & Co, 233 Broadway.....Barclay 8064

Machinery, Pulverizing.
West Pulverizing Machine Co, 220 Broadway .....Cortland 272

Machinery, Punching and Shearing.
Williams, White & Company, 30 Church.Cortland 1644

Machinery—Sand-Mixing & Sand Blasting.
Sand Mixing Machine Co, 52 Vanderbilt av .....Murray Hill 3663

Machinery, Second Hand.
Hooper James K, 50 Church.....Cortland 771
Leaf E B Co, 50 Church.....Cortland 2656
MacGovern & Company Inc, 114 Liberty...Rector 3375
See our Catalog Space, page 975
Rheinfrank Building Material Co, Est 1877 620 East 14th .....Forsyth 9280
Salzberg H E & Co, 30 Church.....Cortland 684
Terminal Machine Co, 406-08 Broome...Cortland 3169

Machinery, Shoe, Auto, Tire, Harness & Bag Stitchers.
Landis Machine Company, 84 Chambers..Barclay 669[illegible]

Machinery Sisal Extracting.
Prieto Machine Co Inc, 289 Pearl.....Beekman 358[illegible]

Machinery, Special.
Mecca Machy Co, 85-87 Adams, Bklyn.....Main 706[illegible]

Machinery Special & Automatic.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 706[illegible]

Machinery—Special Designers & Manufacturers.
Bangerter F Machine Works, 425-435 East 102d .....Lenox 64[illegible]
See our Catalog Space, page 975
Lazarides Mfg Co, 136 Liberty & 141 Cedar .....Rector 272[illegible]

Machinery, Special from Engineers' Designs.
International Machine and Tool Corporation, 72 Trinity pl.....Rector 911[illegible]
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 706[illegible]

Machinery—Special—To Order.
Olney Geo H & Co, 50 Church.....Cortland 37[illegible]

Machinery and Tools (Special).
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 70[illegible]

Machinery & Tools—Designed and Built.
Ellsworth S P Co, 430 Kent av, Bklyn.Wmsburg 42[illegible]

Machinery—Wood Working—New and Rebuilt.
Olney Geo H & Co, 50 Church.....Cortland 37[illegible]

Machines—(Adding & Calculating—Rebuilt) All Makes.
Adding Machine Inspection & Sales Co, 206 Bway ..... Cortland 6739

Machinists.
Benton Mfg Co Inc, 9 Bethune ..... Chelsea 1064
Gerdes & Company Inc (Special Machine Work to blue prints), 28 Church .... Cortland 7673
Jensen O C, 1922 Park av, 79 East 130th ..... Harlem 6396
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065
Merit Machine Manufacturing Corp (Machinery, Electrical and Mechanical Apparatus Made Under Contract. Any Quantities. Fully Equipped Factory with Experts at Your Service), 465 Greenwich ..... Canal 9128
Slocum, Avram & Slocum Laboratories Inc, 531 W 21st ..... Chelsea 9240

Machinists, Contractors.
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

Machinists Designers & Builders of Dies & Tools.
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

Machinists and Engineers Manufacturers.
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

Machinists & Manufacturers of Special Machinery.
Lazarides Mfg Co, 136 Liberty & 141 Cedar ..... Rector 2724
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

Machinists, Manufacturing.
Mecca Machinery Co, 85-87 Adams, Bklyn .. Main 7065

Machinists' Supplies.
Scott J W Hardware Co, 80 Warren .... Barclay 6113

Magazine Binders.
Gem Binder Co The, 65 West Broadway .. Barclay 5927
Universal Binder The, 7 East 14th ... Stuyvesant 2639

Magazines, Foreign.
Steiger E & Co, 49 Murray ..... Barclay 6134

Magnesium Metal & Powder.
Rumford Metal Co, 201, 5th av ..... Gramercy 1839

Magneto Parts.
Magneto Parts Co (All Makes of Magnetos & Parts—Cables) 1790 Broadway ... Columbus 5930

Mahogany Custom Mill Mnfrs. Lumber & Veneer.
Astoria Veneer Mills & Dock Co, Ft Blackwell, Long Island City ..... Astoria 715

Mahogany Stains.
Morgan William J, 6 Platt ..... John 1625

Mail Bags, Coin Bags and Boston Bags.
Urband Leather Goods Co, 153-159 W 15th. Chelsea 1305

Mail Bags & Pouches.
Doyle John & Co Inc, 112 Duane ..... Worth 4770

Mailing Envelopes of all Descriptions.
Miller Brothers Co The, 216-228 High, Newark, N J ..... Branch Brook 1575

Mailing Lists.
Mail Company, 65 Duane ..... Worth 1728
Motion Picture Directory Co, 80, 5th av .. Chelsea 3227
Mendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export—Commission Houses, List of Over 1,000 U S & Canada Shipbuilders) Bennett bldg 93 Nassau ..... Cortland 7630

Mailing Lists, Addressing, Circularizing.
Lloyd's City Dispatch, 19 Beekman ..... Beekman 4540

Mailing Lists, General and Special.
United States Addressing and Printing Company, 24-26 Murray ..... Barclay 5675

Mailing Machines.
Mail-O-Meter Sales Company, Pulitzer bldg ..... Beekman 3816

Mailing Tube Mnfrs.
Advance Paper Tube & Can Mfg Co, 132-134 Greene ..... Spring 1509
Flat Mailing Tube Mfg Co The (The Flat Mailing Tube "The Tube that comes in a Flat Sheet" and "Locks its contents when rolled") 43 Mercer ..... Canal 3743
Wareco, 48-50 Watts ..... Spring 8183

Mailing Tubes and Wrappers (Flat Sheets).
Mail Wrapper Tube Co The, 162-164 E 118th ..... Harlem 311

Malleable Iron Castings, All Kinds, Plain—Machined.
Pennell J F, 45 Broadway ..... Rector 2729

Manganese, Antimony, Chemicals, Etc.
Asphaltum & Chemical Products Co The, Woolworth bldg ..... Barclay 7924
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Manganese Steel Castings.
American Manganese Steel Company, 30 Church ..... Cortland 2976

Manhole Frames & Covers.
Central Foundry Company The, 90 West ... Rector 1860
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Manicure Sets.
Howard Specialties Co Inc, 15 Crosby ..... Canal 8633

Manicure & Traveling Sets, Mfrs. of Holiday Goods.
Stecher & Spelrein Co Inc (Catalogue Issued) 65-67 West Houston ..... Spring 2367

Manicuring Sets Mfrs.
"Ipex," 40-42 E 19th ..... Gramercy 4663

Manifold Books.
Acme Manifolding Co Inc, 520 W 86th ... Greeley 460
Martell A E Company, 258 Broadway .... Barclay 5992
Semple-Rieger Co The, 521 W 23rd ..... Chelsea 2290
See our Catalog Space, page 972

Manifold Order Books, etc.
Boorum & Pease Co, 84 Hudson av, Bklyn ... Main 7986
See our Catalog Space, page 923

Mantels.
Jackson Wm H Company, 2 W 47th ..... Bryant 8430

Mantels & Fireplace Fixtures.
Jackson Edwin A & Bro Inc, 50 Beekman. Beekman 1841

Manual Training Equipment—All Kinds.
Price W R Inc, 127 Fifth av ..... Gramercy 596

Manufacturers Agents.
Craigie & Co Ltd, 1 Wall ..... Rector 8986
Hernandez C F Sons & Co, 17 Battery pl .. Rector 5678

Manure.
Long Island Manure Export Co, 753 Flushing av, Bklyn ..... Stagg 114
O'Rourke James F Manure Co Inc, 755 Flushing av, Bklyn ..... Stagg 114

Map Draughting, Engraving, Publishing, Printing.
Liberty Map Corp, 25 John ..... Cortland 1459

Map Engravers, Lithographers & Printers.
Walrath Russell J, 123 Liberty ..... Cortland 4341

Map Makers.
Rand McNally & Co, 42 E 23d ..... Gramercy 3130

Maps.
General Drafting Co Inc, 9 Church ..... Cortland 2090
Interstate Map Co, 239 Broadway ..... Barclay 9737
National Map Company, 119 Nassau ... Cortland 5780

Maps and Street Guides of All Cities.
Interstate Map Co, 239 Broadway ..... Barclay 9737

Maps—Topographical and Landscapes.
Morgan Brothers (School, Colleges, Museums—Specialty Government Work), Grand Central Terminal ..... Murray Hill 8882

Marble—Crushed and Dust.
Kapailo Mfg Co Inc (For cast stone, floors, stucco, plaster) 103 Park av cor 41st ..... Murry Hil 2055

Marble Dealers & Workers.
Borgia Bros Co, 69 Mills, Astoria L I ..... Astoria 609
Cork & Zioha Marble Co, 813 Vernon av, L I City ..... Astoria 1930
Silvester V, 516 W 36th ..... Greeley 5988

Marine Castings.
Central Foundry Company The, 90 West .. Rector 1860
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Marine Engines, Oil.
De La Vergne Machine Co, foot of E 138th. Melrose 3200

Marine Equipment.
Atlantic Sales Co, 29 Broadway ..... Whitehall 979

Marine Hardware.
Laughlin Thos Co The, 154 Nassau ..... Beekman 3080

Marine & House Paints for Every purpose.
King Paint Mfg Co, So 9-10th, Bklyn .. Wmsburg 3934

Marine Insurance.
Anglo-Oriental Shipping Co Inc, 115 Bway. Rector 3769

Marine & Locomotive Clocks.
Howard E Clock Co The, Maiden lane & William ..... John 3148

Marine Supplies.
Galbraith C C & Son, 90 West ..... Rector 6246

Marking and Stencil Inks.
Botts Marking Ink Co The, 330 Pearl ... Beekman 4639
See our Catalog Space, page 961

Marqueterie.
Willnus Marqueterie Mfg Co, 11 Aberdeen, Bklyn ..... East N.Y. 1606

Masons.
Wilson James & Co (Masons, Plasterers & General Contractors, Terra Cotta and Fireproof Vaults. Estimates Given), 314 W 4th. Chelsea 4848
Branch, 843 Sixth av ..... Bryant 9829

Massage—Licensed Masseuse.
Moodish Abbie (Massage—Baths, Electric Light Cabinets—Reducing Machines Patients Treated by Doctors' Prescriptions) 1026 Sixth av. Plaza 4536

Match Colors.
Morgan William J, 6 Platt ..... John 1625

Match Manufacturers.
Standard Match Co Inc, 120 Liberty ..... Rector 732

NEW YORK CITY—cont'd

Match Manufacturers & Dealers.

Consaco Sales Co Inc, 150 Nassau..Beekman 2177
Enlow Co Inc, 362 Broadway.....Franklin 1414
Metropolitan Match Co Inc (Swedish, Japanese, all sizes. Export Specialists), 109 Broad.Broad 4262

Match and Tooth Pick Machinery.

Olney Geo H & Co, 50 Church.....Cortland 3756

Matches, Imported Safety & in Book Form.

Consaco Sales Co Inc, 150 Nassau.....Beekman 2177

Mats (Cocoa).

Gary Theo H Co, 67-69 Irving pl.....Stuyvesant 7761

Mats and Matting.

Darragh Smail & Co Ltd, 177 Water....John 333
Lewis Samuel, 73 Barclay.....Barclay 5406

Mattresses (Mnfrs.)

Radermacher John L, 301-307 E 22d...Gramercy 1811

Mattresses (Pneumatic) Pillows & Cushions.

Knauth Bros, 220 Fourth av cor 18th....Styvesnt 2523
See our Catalog Space, page 960

Mausoleum Builders and Designers.

Davis Granite Co The, 425 Fifth av...Murray Hill 6363
Stone E H Co, Bway & Maiden Lane...Cortland 2609
Wegenaar J L Co Inc (Contractors and Builders' Special Designs on Request), 299 Bway.Worth 4138

Mausoleums.

Tayntor Granite Co Inc, 29 W 34th.....Greeley 2272

Mausoleums, Monuments & Memorials.

Lazzari and Barton Co, 343 E 233d....Woodlawn 1128
See our Catalog Space, page 981

Medical & Chemical Books & Periodicals.

Logan B & Son, 152 E 23d.....Gramercy 6166

Memorandum Books of all Kinds.

Boorum & Pease Co, 84 Hudson av, Bklyn...Main 7986
See our Catalog Space, page 923

Men's Athletic Underwear.

Riteweb Mfg Co Inc, 413 E 107th.....Harlem 5106

Men's Collars.

Goodman Collar Co Inc, 52-80 Bway, Bklyn.....Wmsburg 3147

Men's Neckwear Tubular Wash Ties.

Gates Thos B M, 315 4th av, cor 24th..Gramercy 4629

Mercerized and Plain Cotton Thread.

Sea Island Thread Co Inc, 28-30 E 4th st.Spring 7825

Merchandising Auditors.

Rankin Wm H Company, 25 E 26th.....Mad Sq 7597

Merchandising Counselors.

Woodwards Incorporated, 501 Fifth av.Murray Hill 8417

Mesh Bags.

Grabhorn Charles, 20 Maiden lane.....Cortland 5685

Metal, Anti-Friction Bearing.

Fahrig Metal Company, 31 Commerce.....Spring 750

Metal Babbitt.

United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway.....Barclay 8215
See our Adv. page 32, First Page Opposite Section 1

Metal Brushes for Low Voltage—Mnfrs.

Fleck Carbon Co, 71 West Broadway.....Barclay 6796

Metal Caps for Brass, Glass & Tumblers.

Phoenix Hermetic Co, 3720, 14th av, Bklyn.....Sunset 5426

Metal Ceilings.

Atlas Steel Ceiling Co (Metal Ceilings, Side Walls and Wainscoting for Kitchens, Offices, Residences, Lofts etc), 320 E 53d st.....Plaza 5961
Bayonne Steel Ceiling Co, 308, 8th av....Chelsea 2459
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Dycker & Ritter, 450 W 28th.....Chelsea 4688
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Penn Metal Co, 559 W 36th.....Greeley 391

Metal Channel and Mouldings.

Voigt Albert Mfg Co, 40-42 S 8th, Bklyn.Wmsbg 2227

Metal Corner Bead.

Penn Metal Co, 559 W 36th.....Greeley 391

Metal Etching.

Premier Metal Etching Co, 14th & Van Alst av, L I C.....Hunters Pt 2064
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Metal Frames.

Schimper William & Co, 33 Union Sq W..Stuyvsnt 214

Metal Goods Mnfrs.

Block Metal Stamping Co Inc (Tinned Coils, Brass Trimmings, Dies, Stamping), 88 Walker.....Franklin 630
Reliance Metal Spinning & Stamping Co Inc, 160 John, Bklyn.....Main 5553

Metal Hose.

Titeflex Metal Hose Corp, 120 Bway.....Rector 8024

Metal Hose (Mnfrs) for Gasoline.

Metal Hose & Tubing Co, 253 Tillary, Bklyn.Main 9975

Metal Hose for Steam, Oil, Air, Gasoline, etc.

Atlantic Metal Hose Co Inc, 1777 Bway.Columbus 6500

Metal Lath.

Expanded Metal Engineering Co, 101 Park av.....Murray Hill 4097
Penn Metal Co, 559 W 36th.....Greeley 391
Perfect Steel Lath Co The (Corner Beads, Channels & Accessories), 1476 Broadway.....Bryant 6909

Metal Mouldings for Autos.—Lead Filled.

Shearing & Davis Mfg Co, 407 E 70th.Rhinelander 4288
See our Catalog Space, page 917

Metal Novelties.

Schimper William & Co, 33 Union Sq W..Stuyvsnt 214

Metal Photo Frames.

Krischer Nathan A, 15-19 University pl....Spring 1843
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Metal Polishes.

Grady Mfg Co The ("Army & Navy"—"Scouree") 250 256 Ely av L I City.....Astoria 477

Metal Preservatives.

Du Pont Chemical Works, Equitable bldg, 120 Broadway.....Rector 5727

Metal Shelving and Bins.

Penn Metal Co, 559 W 36th.....Greeley 391

Metal Specialties.

Shulman & Sons (Ash Trays, Smokers' Stands, Shaving Outfits), 109-111 Ludlow...Orchard 5827

Metal Spinners.

Bankoff Geo (Sheet, Copper, Brass and Ingot Metals), 40 Exchange pl.....Broad 468
Reliance Metal Spinning & Stamping Co Inc, 160 John, Bklyn.....Main 5553
Universal Metal Spinning & Stamping Co The, 69-71 Wooster.....Canal 3840

Metal Spinning, All Branches & Lamp Mounting.

Wolfson D, 174 Centre.....Franklin 2457

Metal Spinning & Metal Novlts.

Cuba William, 312 East 75th.....Rhnlndr 3069

Metal Stamping.

Columbia Metal Box Co, 224 E 144th....Melrose 6241
Helios Metal Works Inc (Metal Stamping, Drawing, Wire Forming, Etc), 437-453 Eleventh av.....Greeley 982

Metal Stamping Testing Machines.

Holz Herman A, 1 Madison av.....Gramercy 181

Metal Tape for Embossing Presses.

Roovers Bros, 100 Schermerhorn, Bklyn....Main 3780

Metal Testing Instruments.

Holz Herman A, 1 Madison av.....Gramercy 181

Metal Weather Strips.

Athey Company, Marbridge bldg, 34th and Broadway.....Greeley 2933

Metal Work, Architectural and Ornamental.

Gerdes & Company Inc (Marquees, Grilles, Railings, Fences, Stairs, Ornamental Lamp Posts, & Brackets, Elevator Cars, & Enclosures), 28 Church.....Cortland 7673

Metal Working Machinery.

American Machinery Exchange Inc, (New and Second-Hand Machinery, Lathes, Shapers, Millers, Drills, Planers, Presses, Grinders, Entire Plants Bought and Sold) 217 Centre.....Canal 642
Terminal Machine Co, 406-408 Broome..Cortland 3169

Metals.

Bradford Company The, 200 Fifth av...Gramercy 5828
Fleischer Smelting & Refining Works, 230 Eldridge.....Orchard 7206
Gowanus Smelting & Ref Works (Dealers in all grades of Red and White Metal, and Manufacturers of Spelter, Solder, Babbitt and Pig Lead), 149 Centre, Bklyn.....Hamilton 592
Henning V & Sons, 336 Belmont av, Bklyn.....East N Y 4400
Keystone Metal Co Inc, 589 Kent av, Bklyn.....Wmsburg 5261
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Laidlaw Kelley & Co Inc, 14 Platt.....John 1566
Leygrand & Co, 120 Broadway.....Rector 4794
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Superior Metal Co Inc, 32 Broadway.....Broad 2148
Union Smelting & Refining Co Inc, 604-608 E 19th.....Gramcy 6699
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Wenger Paul & Co, 100 Broadway.....Rector 5083

Metals (Copper, Tin, Spelter, Etc.)

Douglas Geo B, 29 Broadway.....Whitehall 396
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Metals, all kinds.

International Bureau of Supplies, 135 Broadway.....Cortland 6997

Metals, Brokers.

Wenger Paul & Co, 100 Broadway.....Rector 5083

Metals & Metal Products.

Bankoff Geo (Copper, Tin, Lead, Spelter, Antimony, Alloys), 40 Exchange pl....Broad 468

Metals, New and Old.

Central Smelting & Refining Co, 137th and Rider av.....Melrose 4182

Metals, New Virgin Pig.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals) Woolworth bldg, 233 Broadway .....Barclay 8215
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Metals, Scrap.
Brennan Bros, 459 W 18th.....Chelsea 3011
Century Metal Co (Buyers of New & Old Metal), 288 Front.....Beekman 2435
Greenberg Metal Co Inc (Wholesale Dealers, Metal and Scrap Rubber), 219 E 135th.Melrose 877
Henning V & Sons, 336 Belmont av, Bklyn .....East N Y 4400
Keane James, 339-341, 10th av.....Chelsea 9310
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Linzer Ignatz (Metals, Scrap Iron, Junk, Rope & Rubber. Prices quoted by the week. Smelters & Refiners—Solder, Pig Iron), 148 E 4th .....Orchard 2410
London N Inc, 263 Front.....Beekman 4270
McKeon Jas F & Son, 12 Front....Bowling Green 8761
Salzberg H E & Co, 30 Church.....Cortland 684
Schiavone L & Co, 304 W 54th.....Colmbus 2947
Wenger Paul & Co, 100 Broadway.....Rector 5083
Woodlawn Metal Co, 200, 5th av.....Gramercy 2357

Meters.
Union Water Meter Co (E W Jacobs) 574 B Macon, Bklyn.....Bedford 5876

Meters—Carbon Dioxide.
Uehling Instrument Co, Empire bldg.....Rector 9638

Meters—Flow.
Republic Flow Meters Co, Long Acre bldg.Bryant 6660

Mica.
Fillion S O Inc, 68 Murray.....Barclay 6191
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Keene Mica Products Co, 34 West 33d....Mad Sq 1108
Republic Mica Co The, 68 Murray.....Barclay 6191

Mica & Ground Mica.
National Gum & Mica Co, 59th & 11th av.Columbus 9700

Mica (Uncut & Cut) to Any Size or Pattern.
Schoonmaker A O Co, 88 Park pl.....Barclay 9798
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Mica Tubes and Cores.
Hill Insulating & Mfg Corp, 511-D West 42d.Bryant 5630

Military Comfort Kits with and without Fittings.
Perfect Notion Co Inc, 35-39 W 35th....Greeley 5220

Military & Navy Equipment.
National Novelty Co (Handkerchiefs, Needles, Combs, Notions, Rubberized Novelties), 36 East 23d .....Gramercy 1688

Military & Navy Goods.
Military Sales Corporation (Everything for the comfort of officers), 160, 5th av.Farragut 6358

Mill Ends, All New—for Cleaning, Scrubbing, etc.
Mill Remnants Co, 19 Bond.....Spring 5830
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Mill—Transmission.
Smith Raymond W Inc, 120 Liberty.....Rector 2408

Millinery Ornaments.
Rothschild & Co, 30 W Houston.....Spring 8736

Millinery Ornaments (Mnfrs.).
French Export Co, 489 Fifth av.....Vanderbilt 4540

Milling Machines.
American Machinery Exchange Inc, 217 Centre .....Canal 642

Milling Tools (Adjustable Hollow).
Ometric Tool Co (Vandyck Churchill Co Rep), Singer bldg.....Cortland 714

Millwright Contractors.
Robbins Albert H (Estimates on Complete Power Transmission Equipment), 394 Broome .....Spring 4180

Millwrights & Carpenters.
Griffin Henry C & Co Inc, 143-145 Varick...Spring 4257

Mimeograph Machines and Supplies.
Dick A B Company, 395 Broadway.....Franklin 2563

Mimeograph and Multigraph Letters.
Brown B Co The, 229 W 28th.....Farragut 6340
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Mineral Waters.
Manitou Mineral Water Company The, 225, 5th av .....Mad Sq 903
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Minerals.
General Mineral Co Inc, (Silica, Quartz, Flint, Garnet, Emery, Feldspar, Mica, Sand, Clays, Asbestos, Barytes, Talc, Silicate of Soda and All Chemicals), 90 West.....Rector 4195
Laidlaw Kelley & Co Inc, 14 Platt.....John 1566

Mining Machinery, Complete Plants.
Kennedy Van Saun Mfg & Eng Corp, 120 Broadway .....Rector 3855

Mirror Manufacturers.
Corsiglia Frank J Co, (Manufacturers of French Toilet Mirror Plates for Silversmiths, Celluloid and Ebony Toilet Ware Manufacturers, American Shock Mirrors), 237 Centre.Spring 9728
Greenbergs' H Sons, 174 E 104th.....Harlem 5477
Von Buhren G, 9-11 Baxter.....Worth 2740

Mirror Manufacturers—All Kinds.
Lockwood F D (Mirrors of Every Description, Framed and Unframed. Export trade our specialty.), 24 Stone.....Broad 5309
Meisee Leopold, 27 Bleecker.....Spring 1710

Mirror Mnfrs. & Importers.
Belgium Mirror Wks Inc, 17-21 McKibben, Bklyn .....Stagg 4356

Mirror Plate Mnfrs.
Lafayette Mirror Co Inc, 171-173 Grand...Canal 8733

Mirrors & Mirror Plateau & Metal Novelties.
Silversmiths Mirror Co (John E Rohrbeck, Prop) Manufacturers of Quality Mirrors in Plate and Shock for Toilet-Ware, Celluloid Mnfrs. Silversmiths & Wood Workers) 161 W 29th.Farragut 4513

Mirrors—Novelty.
Rose Mirror Works Inc, 423Kent avBklyn.Wmsburg 4635

Mixing Kettles.
Badger E B & Sons Co, 101 Park av.....Vandrbilt 1719

Modeling Clay.
Nyatco Corporation, 401 Vernon av, Long Island City .....Astoria 700

Models.
American Pattern, Foundry & Mach Co, 82-84 Church .....Cortland 5680
Morgan Bros (Model Makers—Miniature Construction—Landscape, Architectural, Mechanical-Topographical Maps & Paintings for Schools, Colleges, Museums—Specialty Government Work) Grand Central Terminal...Murray Hill 8882
Zuhr Hy, 200-204 William .....Beekman 3403

Models and Experimental Work.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065
Vogel William, (Inventions developed. Absolute secrecy guaranteed; Consultation), 68 Nassau .....John 2941

Molasses.
American Molasses Co The, 111 Wall....Hanover 4510

Monuments.
Harrison Granite Co, 200, 5th av.....Gramercy 4130
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Lazzari & Barton Co, 343 E 223rd.... Woodlawn 1128
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Tayntor Granite Co Inc, 29 W 34th.....Greeley 2272

Monuments & Mausoleums.
Davis Granite Co The, 425 Fifth av...Murray Hill 6363
Stone E H Co, Bway & Maiden Lane ....Cortland 2609
Wegenaar J L Co Inc, (Contractors, Builders. Special designs on request), 299 Bway.Worth 4138

Mop Manufacturers.
Brush Mop Co Inc, 36 E 23d.....Gramercy 5361

Mops, Clotheslines, Wicks, Waste, Warps.
Kelley Henry C Company, 35 Worth.....Franklin 2700

Motion Picture Machine Manufacturers.
Power Nicholas Co, (Leading Makers of Motion Picture Machines) 90 Gold..Beekman 2673

Motion Picture Machinery.
Schneider Eberhard Mfg Co (Camera, Laboratory Supplies, Filming, Machinery Work) 219, 2d av .....Stuyvesant 1695

Motion Picture Mailing Lists.
Motion Picture Directory Co, (Our theatre, etc, mailing list service will save you from 30 to 50 per cent in postage, etc), 80, 5th av .....Chelsea 3227

Motion Pictures.
Leggett-Gruen Corporation (Advertising, Industrial, Educational and Commercial Films), 220 W 42d.....Bryant 9167

Motion Pictures Advertising Slides & Films.
Novelty Slide Co, 115 E 23d.....Gramercy 3672

Motion Pictures Industrial.
Leggett-Gruen Corporation, (Exclusive Industrial Agents for Pathe) 220 W 42d.Bryant 9167

Motor & Generator Brushes.
Corliss Carbon Co, 114 Liberty.....Rector 6772

Motor Trucks.
Autocar Sales Company, 555 W 23d.....Chelsea 5700
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580

Motorcycles.
Harley Davidson Sales Co, (Distributing Agents for Harley Davidson Motorcycles and Bicycles. Manufacturers' Agents and Jobbers. Accessories and Supplies), 535 W 110th nr Broadway .....Cathedral 3718

Motors & Dynamos.
Klein Nathan & Co Inc, 208 Centre.....Canal 8750
See our Catalog Space, page 945

Motors, Electric, Direct and Alternating Current.
Diehl Mfg Co, Singer bldg, 149 Bway...Cortland 1802
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

Motors—Electrical Induction.
Coates-Kendall Corporation, 50 Church..Cortland 6864
See our Adv., opposite Title page, Catalog Section

Mouldings (Manufacturers).
New York Carved Moulding Co Inc, 139th and 3d av.....Melrose 2830
Youngs Mill Corp, (Picture Frames, Tent Poles, Table Tops), 735 E 9th.....Orchard 2230

Moving.
Riverdale Storage Warehouse, 152 W 127th .....Morningside 5484

NEW YORK CITY—cont'd

Moving, Packing, Shipping & Storage of Household Goods.

Harlem Storage Warehouse Co Inc, 211-13 E 100th ..... Lenox 850
See our Catalog Space, page 1011

Moving Picture Advertising Films and Slides.

Novelty Films, 115 E 23d ..... Gramercy 3671

Moving Picture Distributors to Foreign Markets.

Allen L H (Producers' Representative, Buyers' Confidential Agent, Translations) 110 W 40th ..... Bryant 4279

Moving Picture Equipment for Export.

Hernandez C F Sons & Co, 17 Battery pl.. Rector 5678

Moving Picture Fire and Smoke Specialties.

Newman I C Co Inc, (Effects for Night Photography—Battles, Fires), 320 Bway. Worth 2049

Moving Picture Projectors.

Precision Machine Co The, Inc (Manufacturers of the Simplex Projector), 317 E 34th ..... Murray Hill 3470

Moving Picture Theatre Advertising.

Greater New York Slide Co Inc, 154 W 45th. Bryant 2825

Moving Picture Titles.

Stern Ernest Inc (Illustrated & Plain Titles, Program Announcements) 729, 7th av ..... Bryant 8973

Moving Pictures.

Motion Picture Directory Co, (Our theatre, etc, mailing list service will save you from 30 to 50 per cent in postage, etc), 80, 5th av ..... Chelsea 3227
Schneider Eberhard Camera Co, 219 Second av ..... Stuyvesant 1695

Moving Vans.

Dochterman Van & Express Co The (Established over 40 years—Storage—Moving), 457-71 E 10th ..... Orchard 4630
Dyckman Van Co Inc (We Move a House At One Time, Pack, Ship, Deliver to All Parts of the World, Automobile, Rail), 4858 Bway St Nichls 2916
Froelich's Inc (Furniture boxed, packed and shipped to all parts of the world. Estimates cheerfully furnished), 224 Sherman. St Nichls 2634
Inwood Auto Vans (Auto Vans for long distance moving. Also city or country. Packing, Crating & Shipping) 72 Liwood ..... St Nicholas 9056
Reed George (Moving, packing & shipping of Furniture. Careful handling by expert packers. To all parts of the world), 563 W 171st ..... Audubon 6652

Mucilage (Dry).

Tablet & Ticket Co The, 381 Bway ..... Franklin 2411

Muff Bed Manufacturers & Furriers Supplies.

Goldwasser J (Muff Beddings of Every Description a Specialty) 153-159 W 27th ..... Farragut 9070

Muffles.

Brooklyn Fire Brick Wks, 88 Van Dyke, Bklyn ..... Hamilton 14

Multigraph Letters.

A A Multigraphing Co, 80, 5th av ..... Chelsea 3227
Brown B Co The, 229 West 28th ..... Farragut 6340
See our Catalog Space, page 983
Making Letters Pay System, (Edw H Schulze Inc), 220 W 42d ..... Bryant 2403
See our Catalog Space, page 909

Music Engraving, Lithographing & Printing.

Lawson F J Company, 850-852 W 38th... Greeley 4779

Music Libraries (Music to Rent).

Tams Arthur W Music Library Inc, 1600 Broadway ..... Bryant 7590

Music Printers.

Eureka Music Printing Press The, 350-52 W 38th ..... Greeley 4779

Music Publishers & Dealers.

Fischer J & Bro, Bible House ..... Stuyvsnt 2772

Musical Instruments.

Browne & Buckwell, (Harp Mnfrs. Exclusively, Repairing & Strings) 132 W 50. Cirole 1811
Gemunder August & Sons (Violins old, new for all players. We are expert makers, players, reconstructors. Bows, Strings, cases. Payments arranged, Catalogues) 141 W 42d .... Bryant 6668
Gretsch Fred Mfg Co, 60 Bway, Bklyn. Williamsburg 2127

Musical & Vocal Entertainers for all occasions.

Fifth Ave Entertainment Co, 1547 Broadway ..... Bryant 6654

Mustard Oil.

Boyer Oil Co Inc, 29 Broadway ..... Whitehall 240

Nail Pullers, Sawsets, Bench Stops.

Morrill Chas, 100 Lafayette ..... Franklin 3947

Nails Mnfrs.—Wire Nails—All Metals.

Hassall John Inc, Clay and Oakland, Bklyn Greenpnt 2391

Name Plate Makers—Aluminum & Brass Signs.

Rutledge Geo Co, 309 E 22d ..... Gramercy 2846

Name Plates.

Moss Henry & Co, 37A Beaver ..... Broad 5011
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description), 71-73 Murray ..... Barclay 5969
Premier Metal Etching Co, 14th & Van Alst av, L I C ..... Hunters Pt 2064
See our Catalog Space, page 983

Name Plates, Aluminum and Brass Etched.

Miller & Miller, 17 West 42d ..... Vanderbilt 1235

Name Plates—Embossed, Plated & Enamel Finish.

Stanley Manufacturing Co The (S Woodson Hundley, Agt), New Victoria Hotel... Bryant 94

Name Plates, Etched, Stamped & Embossed.

Crowe Name Plate & Engraving Co (F N Ferry Agt), 141 W 36th ..... Greeley 4022

Napthalene.

Barrett Company The, 17 Battery pl ..... Rector 600
Du Pont Chemical Works, Equitable bldg, 120 Broadway ..... Rector 5727

Napthalene Products.

Taylor B E Company 56 Pine ..... John 5894

Natural Water.

Manitou Mineral Water Company The, 225, 5th av ..... Mad Sq 903
See our Adv., on Back Bone and Catalog Space, 980

Naval Architects (Consulting).

Johnson Eads, 115 Broadway ..... Rector 8448

Neckwear (Women's) Embroidered & Novelties Mnfrs.

Bassel Ch, 21 East 22d ..... Gramercy 3067

Neckwear Mnfrs.—Ladies'.

Stanton Bros, 894 Broadway ..... Gramercy 2793

Neckwear Mnfrs.—Men's.

Chester Weaving Co, (Manufacturers of Washable Tubular Ties), 124-128 W 24th ..... Chelsea 6172
Leinkram Harry N, 8 E 23d ..... Gramercy 539
Meyer Bacharach & Friedheim, 18-21 E 22d ..... Gramercy 1632
Rappaport Samuel H Inc, 24 East 22d.. Gramercy 5072

Needle Importers and Manufacturers.

American Needle Works (Durbrow & Hearne Mfg Co) 12 Wooster ..... Canal 8669
See our Catalog Space, page 1006
Lammertz Leo Agency Durbrow & Hearne Mfg Co, 12 Wooster ..... Canal 8669
See our Catalog Space, page 1006
Thornton John & Co (Sole Agents James Smith & Son's Needles, "Cleopatra" Brand Sewing Machine Needles), 108 Worth ..... Worth 3765

Newspaper Files, Holders & Binders.

Universal Binder The, 7 East 14th ..... Stuyvesant 2639

Newspapers & Periodicals, Daily.

Telegram Codzienny (Polish Daily. The best medium to advertise in. It reaches Polish people all over U S and Canada), 90 E 10th. Styvsnt 2004

Nickel.

Wenger Paul & Co, 100 Broadway ..... Rector 5083

Nickel Alloy, Boronic Metals.

Le Bas Edward & Co (American Boron Products Company Inc), 64-68 Broad.. Broad 5389
See our Catalog Space, pages 912-913

Nickel Steel.

Aborn Steel Co Inc, 22 Clarke ..... Spring 6795

Night Lights.

Columbia Wax Works, 749-751 E 137th.. Melrose 2783

Nightrobes & Pajamas, "Men's".

Simons Ernest Mfg Co, 25 Madison av .... Mad Sq 8038

Nitrate of Soda.

Alexander G S & Co Inc, 61 Broadway... Rector 6170

Nitrocellulose.

Du Pont Chemical Works, Equitable bldg, 120 Broadway ..... Rector 5727

Non-Intoxicating Beverages.

Manitou Mineral Water Company The, 225, 5th av ..... Mad Sq 903
See our Adv. on Backbone and Catalog Space, page 980

Notary & Corporation Seals.

Moss Samuel H, 36 E 23d ..... Gramercy 5361
Brooklyn Office, 419 Fulton ..... Main 764

Notions and Smallwares, Wholesale.

Shulman & Sons, 109-111 Ludlow ..... Orchard 5827

Novelties.

Beegee Company, (Erasers, Clutch Pencils & Specialties) 1133 Broadway ..... Farragut 8985
See our Catalog Space, page 910

Novelties, Baby and Ladies' Boudoir.

American Art Novelties (American Art) 45 E 20th ..... Gramercy 5594

Novelties—Infants (Ribbon & Ivory) Mnfrs.

"Ipex" 40-42 E 19th ..... Gramercy 4663

Novelties—Ladies' Bags, Leather and Metal Goods.

Mayer L S Son Inc, 200, 5th av ..... Gramercy 787

Novelties—Leather Goods, Manicure & Traveling Sets.

Stecher & Spelrein Co Inc, (Catalog Issued), 65-67 West Houston ..... Spring 2367

Novelties, Wire.
Beere Wire & Iron Works, 294-296 Taaffe pl Bklyn.....Prospect 7688

Numbering Machines.
Bishop Thomas H (Over a Quarter Century at it), 126 William .....Beekman 672
Everson & Reed Co, 88 Chambers.....Barclay 8098
Hoole Machine & Engraving Works Inc, 29-33 Prospect, Bklyn .....Main 2426
Wetter Numbering Machine Co, (We make and repair Numbering Machines for Printers and Stamping on Metal), 255 Classon av, Bklyn .....Prospect 1782

Numbering & Perforating Machines.
Moss Samuel H, 36 E 23d..... Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

Nurses' and Invalids' Supplies.
Knauth Bros, 220 Fourth av cor 18th....Stuyvsnt 2523
See our Catalog Space, page 960

Nuts.
Empire City Screw Products Co, 12 West 62d .....Columbus 1952

Nuts, Importers.
Pastene P & Co Inc, 152-154 Franklin..Franklin 1261

Oakum and Tarred Rope.
New York Cordage Co The, 123 Front.....John 2215

Obsolete & Surplus Automobile Stock Purchases.
Klotz-Baumann Co Inc, 1876 Broadway.Columbus 1952

Ochre.
Keller & Merz Co The, 505 Hudson.....Spring 9105

Office Equipment.
Monroe Calculating Machine Co, Woolworth bldg .....Barclay 5174
See our Catalog Space, page 905

Office Furniture Bought & Sold.
Brounstein J (Office Partitions, Carpenter and Cabinet Work), 166 William.....Beekman 3139

Office Furniture—Steel.
General Fireproofing Co The, 395 Broadway .....Franklin 2783

Office Partition Designers—Store & Bank Fixtures.
Chelsea Partition Co, 260 W 28th.....Chelsea 9333

Office Partition Makers.
Brounstein J (1,000 ft on hand. Samples sent on approval), 166 William.....Beekman 3139

Office Railings.
Beere Wire & Iron Works, 294-297 Taaffe pl Bklyn .....Prospect 7688

Office Railings, Brass, Bronze and Iron.
Beere Wire & Iron Works, 294-296 Taaffe pl Bklyn .....Prospect 7688

Office, Store and Bank Fixtures.
Kipp Geo, 87 Sunswick L I C.....Astoria 2192

Office Supplies, Punches, Soap Dispensers.
Merrill Chas, 100 Lafayette.....Franklin 3947

Oil Burners—All Kinds.
Hides & Company Inc (For Brazing, Preheating, Rivetting, Portable), 28 Church .....Cortlandt 7673

Oil Cake and Meal.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Oil Cloth Manufacturers.
Goodlatte T R & Sons, 846 Broadway...Franklin 1626

Oil Cloth, Table & Shelf.
Korn Edward Co, 450-452 Broome.....Spring 893

Oil Creosote.
Barrett Company The, 17 Battery pl.....Rector 600

Oil Engines, Marine & Stationary.
De La Vergne Machine Co, Foot of E 138th .....Melrose 3200

Oils.
Anderson & Gustafson, Woolworth bldg...Barclay 5248
Cone Frederick H, 181 Front.....John 1998
Cook N B Oil Company, 148 Front.....John 434
See our Adv., page 1, Opposite Inside Front Cover
Edgertyn Aniline Corp, 118 William.....Beekman 964
Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433
Fiske Bros Refining Co, 24 State.....Broad 3137
Laidlaw Kelley & Co Inc, 14 Platt.....John 1566
Levering Richmond & Co Inc, 120 Bway...Rector 4540
Pennsylvania & Delaware Oil Co, 90 West...Rector 1097
Telenga J Export & Trading Corporation, (Vegetable, Animal, All Varieties, Fats, Greases), Singer bldg.....Cortlandt 4775
Union Petroleum Company, 17 Battery pl..Rector 7479

Oils, Animal, Fish and Vegetable.
Cook N B Oil Company, 148 Front.....John 434
See our Adv., page 1, Opposite Inside Front Cover

Oils—Cod Liver, Medicinal & Commercial Grades.
Cook N B Oil Company, 148 Front.....John 434
See our Adv., page 1, Opposite Inside Front Cover

Oils—Cotton Seed, Peanut, Soya Bean, Cocoanut.
Aspegren & Company, Produce Exchange bldg .....Broad 6760

Oils, Essential.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

Oils, Fish.
Alexander G S & Co Inc, 61 Broadway.....Rector 6170

Oils, Flotation.
Barrett Company The, 17 Battery pl.....Rector 600

Oils for Soaps, Perfumes & Toilet Preparations.
Fries & Fries, 242 Pearl.....John 737
See our Catalog Space, page 931

Oils, Greases, Lubricating Oils, Etc.
Oil & Grease Co of America, 261 Broadway.Barclay 8576

Oils—Linseed, Castor, Cocoanut, Etc.
Cook N B Oil Company, 148 Front.....John 434
See our Adv., page 1, Opposite Inside Front Cover

Oils, Vegetable, Animal, Fish, Mineral, Petroleum.
Caravel Company, 13-21 Park Row.....Barclay 8430

Olive Oil.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Olive Oil Importers.
Krauter Sigmund, 71 Wall.....Hanover 595
Schroeder Bros, 29 Broadway.....Whitehall 317
Zucca Olive Oil Co Inc, 105 Hudson....Franklin 2483

Olive Oil Importers & Packers.
Pastene P & Co Inc, 152-154 Franklin...Franklin 1261

Olive Oil—Wholesale Exclusively.
Musher & Co, (World's largest olive oil packers, Branch offices, Genoa, Italy; Tortosa, Spain), 140 Liberty .....Rector 1209

Opera and Field Glasses.
Adelmann C H, (Binoculars, Telescopes, repaired and for sale) 90 Nassau.....John 2641

Optical, Binocular, Field Eyeglasses & Spectacles.
Spencer Optical Co The, 5 & 7 Maiden Lane .....Cortlandt 6355

Optical Goods.
Grady Edward T, 112 East 23d.....Gramercy 1126

Optometrists.
Cross A Jay, 20 E 23d.....Gramercy 3764

Ordnance Supplies.
Ordnance Engineering Corp, 120 Broadway.Rector 4794
See our Catalog Space, page 984

Ores.
Wenger Paul & Co, 190 Broadway.....Rector 5083

Ores & Rare Minerals.
Schaaf-Regelmian E, 220 Broadway.....Cortlandt 5253

Organ Builders.
Estey Organ Company (Henry Mierisch c/o Louis Mierisch), 2059 Webster av...Fordham 1557
Estey Organ Company, 25 W 45th.....Bryant 189
Odell J H & C S & Co, 407-409 West 42d..Bryant 1410

Orthopedic Appliances, Trusses, Etc.
Schuster Otto F Inc, 673 Lexington av.....Plaza 2471

Osteopaths.
Morrison Dr Daniel N, (Graduate under founder. Specializing in Osteopathy. Catering to Metropolitan Visitors. Fees moderate), 120 E 34th .....Murry Hil 77

Out-Door Advertising.
Batten George Company Inc, 381, 4th av.Mad Sq 7500
See our Catalog Space, page 909

Ovens—Enameling, Japanning, Lacquering.
Gehnrich Indirect Heat Oven Co Inc, 62 Franklin av, Bklyn.....Williamsburg 225

Overgaiters, Leggings and Puttees.
B-E Manufacturing Co The,, 18-22 W 18th.Chelsea 5053

Overhead Beef Tracking.
Richmond & Daniels Inc, 90 West.....Rector 4681

Oxalic Acid.
Thomson J M & Co Inc, 521 Broome.....Spring 3720

Oxides—Iron.
Binney & Smith Co, 81 Fulton.....Beekman 4020

Oxides, Red.
Meyer G A & E, 135 William.....John 1005

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, Van Wagenan av Jersey City .....Rector 3428
See our Catalog Space, page 1023

Packers' Supplies.
Oppenheimer S & Co, 96-100 Pearl.....Broad 4410

Packers and Shippers
N Y Crating & Forwarding Co, 521-3 W 37th .....Greeley 4617
See our Catalog Space, page 986
Parker's Express, (Expert packers & shippers of fine furniture, works of art, etc. Out of town consignments for exhibition solicited), 136 W 55th .....Circle 1208

Packers, Shippers, Movers & Storage of Household Goods.
Harlem Storage Warehouse Co Inc, 211-13 E 100th .....Lenox 850
See our Catalog Space, page 1011

NEW YORK CITY—cont'd

Packing (Asbestos—Rubber—Steam, Etc.)

Danubil Company The, 253 Bway.....Barclay 6017
See our Catalog Space, page 915

Packing Boxes.

Forest Box & Lumber Co, (Packing cases, lumber and box shooks in car load lots or less), 4th st & East River.....Orchard 7900
Richards O S Corporation (Wooden Boxes, Nailed Cases Shooks in any quantity and in carload lots), 87, 34th Bush Terminal, Bklyn..Sunset 5500
Ryan P, 550-560 Washington.....Spring 1837
See our Catalog Space, page 986

Packing House Construction.

Richmond & Daniels Inc, 90 West.....Rector 4681

Packing House Engineers.

American Packing House Engineering Co, 126 Liberty .....Rector 394

Packing Pads.

Boston Excelsior Co, 30th and North River.Chelsea 7700

Packing (Rod, Sheet & Hydraulic).

Endura Mfg Co, (For Oils, Alkalies & Benzol Products) 45 Lafayette.....Franklin 1885
Endura Mfg Co, (Robert A Keasbey Co), (For Oils, Alkalies & Benzol Products) 445 West .....Chelsea 8300

Padlock Latch & Catch, Wood Slide & Swing Doors.

Voigt Albert Mfg Co, 40-42 S 8th, Bklyn.Wmsburg 2227

Paging Machine Mnfrs.

Hoole Machine & Engraving Works Inc, 29-33 Prospect, Bklyn.....Main 2426

Paint Spray-Hose Mnfrs. Specialists.

Metal Hose & Tubing Co, 253 Tillary, Bklyn .....Main 9975

Painters.

Fleck F J & Co, 74-76 Ninth av.....Chelsea 99
See our Catalog Space, pages 986-1024
Nelson W P Co, 209 W 33d.....Greeley 6626

Painters Supplies.

Wolf's S Sons, 753, 9th av.....Columbus 222

Paints.

Harrison Works (Owned and operated by E I DuPont de Nemours & Co), 80 Maiden Lane .....John 6444

Paints (Manufacturers).

Amalgamated Paint Company, Pier 11 North River .....Rector 3086
Cheesman & Elliot, 100 William.....John 4568
Childs Charles M & Co Inc, 41 Summit, Bklyn .....Hamilton 1413
Debevoise Company The, 968 Grand, Bklyn.Stagg 771
Montauk Paint Mfg Co, 170-172, 2d av, Bklyn .....South 5076
Patton Paint Company, Woolworth bldg.Barclay 7823

Paints, Asphaltum.

Asphaltum & Chemical Products Co The, 233 Broadway .....Barclay 7924
See our Catalog Space, page 930

Paints, Varnish and Enamel Mfrs.

Denny, Hilborn & Rosenbach, 1226 Vyse av .....Intervale 4231

Paints, Varnish and Waterproofing Compounds.

Imperial Paint Co, 76-80 Tenth L I C.Hunters Pt 1063

Paints, Varnishes, Stains, Enamels.

Lowe Brothers Co The, 101 Park av..Murray Hill 9381
Montauk Paint Mfg Co, 170-172, 2d av, Bklyn .....South 5076

Pajamas & Nighties.

Maxwell T J & Co, 200 Fifth av.....Gramercy 4462

Pans—Vacuum.

Gerdes & Company Inc (Single, Multiple-Copper Iron), 28 Church.....Cortland 7673

Paper.

Fougera E & Co Inc (Prat-Dumas Franch Filtering Paper), 90 Beekman.....Beekman 1170

Paper (Box Boards).

La Boiteaux C L Co, 1218, 5th Av bldg.Gramercy 6034
Smeallie & Voorhees, 200 Fifth av.....Gramercy 494

Paper (Crepe).

Berry Paper Co Inc, 131-133 Grand av Bklyn .....Prospect 6477

Paper (Damp and Rust Proof).

Aetna Paper Supply, 399 West Bway.....Canal 3755

Paper (Dealers).

Auer & Twitchell, 14-16 Waverly pl.....Spring 4777
Bauer Richard, 310-312 Church.....Franklin 3610
Bermingham & Prosser Co, 501, 5th av.Murry Hill 3960
Bishop Paper Co Inc, 545 Pearl.....Worth 230
Conrow Bros, 114 Worth.....Worth 1963
Elish H M & Co, 47 Great Jones.....Spring 131
Hallahan W S Paper Co (Typewriter Papers, Manifold Papers, Second Sheets, Light Weight Papers a Specialty), 115 Worth....Franklin 298
Howell Walter H (Paper Twine & Boards Quality and Service), 51 Leonard....Franklin 546
Lindenmeyer Henry & Sons,
32-34-36 Bleecker .....Spring 9600
16 and 18 Beekman.....Beekman 1400
Manhattan Paper Co, 70 Wooster.....Spring 9392
Ree Paper Co, 69 Worth.....Franklin 1736
Seaman Paper Co, 200, 5th av.....Gramercy 5330
See our Catalog Space, page 990
Textile Paper Co Inc, 13-21 Park Row...Barclay 8190
Whitaker Paper Co The, 501, 5th av..Vanderbilt 3388

Paper (Dealers All Kinds.)

Doty & Scrimgeour Sales Co, 74 Duane....Worth 5395

Paper (Dealers) (Boards, Glues & Gelatines).

Hewitt C B & Bros, 48 Beekman.....Beekman 3720

Paper (Export).

Kern Commercial Company (News and Book Printing—Writing—Wrapping), 114 Liberty.Rector 4713

Paper (Dealers) Tissue.

American Paper Products Co, 650 W 171st.Audubon 5002

Paper (Manufacturers).

Auer & Twitchell, 14-16 Waverly pl.....Spring 4777
Bermingham & Prosser Co (Paper and Cardboard of all Kinds), 501, 5th av.....Murray Hill 3960
La Monte George & Son, 61 Broadway.....Rector 7780
Lehigh Paper Mills Inc (Creped Toilet Paper, Paper Towels, Anti-Tarnish Creped Hand Rolls, Dental Specialties) 41 Park Row .....Cortland 1444
O'Meara Maurice Co, 448 Pearl.....Worth 50
See our Catalog Space, page 993
Seaman Paper Co, 200, 5th av.....Gramercy 5330
See our Catalog Space, page 990

Paper (Stencil, Plain & Oiled).

Diagraph Stencil Machine Corp, 96 Warren .....Barclay 5187
See our Catalog Space, page 1010

Paper (Toilet).

Federal Supply & Mfg Co Inc The, 2 Stone.Broad 2433

Paper (Vegetable Parchment).

Kalamazoo Vegetable Parchment Co, 200 Fifth av .....Gramercy 5897

Paper (Waxed).

Kalamazoo Vegetable Parchment Co, 200 Fifth av .....Gramercy 5897

Paper Bag Machinery.

Potdevin Machine Co, 253, 36th, Bklyn....Sunset 5181

Paper Bag Manufacturers.

Miller, Tompkins & Co, 487 Washington....Canal 9075
Republic Bag & Paper Co, 200, 5th av.Gramercy 4720

Paper Bag Manufacturers and Printers.

Clark Bros, 62 Vesey.....Cortland 7278

Paper Bags, Glassine, and to Order.

Miller Brothers Co The, 216-228 High .....Branch Brook 1575

Paper Box and Bookbinders' Machinery.

Alco Metal & Machine Co Inc, 16 Greene.. Canal 3963

Paper Boxes.

Bronx Paper Box Co, 972-74 Washington av .....Melrose 5725
Shoup A D Co, 34 to 68, 34th Brooklyn....Sunset 3295
United Paper Box Co of America, 33, 34th, Bklyn .....Sunset 96

Paper Boxes, Corrugated & Fibre.

Mid-West Box Co, Woolworth bldg.....Barclay 5591
See our Catalog Space, page 926

Paper Boxes, Envelopes, Bags with String Fasteners.

Miller Brothers Co The, 216-228 High, Newark, N J.....Branch Brook 1575

Paper Boxes, Folding.

International Paper Box Co (Manufacturers of all kinds of folding paper boxes and paper butter dishes), 398-400 S 2d, Bklyn...Stagg 1050-1051
Myers J & P B Inc, 407 Broome.....Spring 3398

Paper Boxes, Large & Small.

American Leader Paper Box Co, 131-135 Prince .....Spring 510

Paper Cans.

Advance Paper Tube & Can Mfg Co, 132-34 Greene .....Spring 1509
Sealright Co Inc, 1123 Broadway.....Farragut 9905

Paper Cutting Machines.

Standard Machinery Co, 41 Park Row (Branch) .....Cortland 1177

Paper Drinking Cups and Paper Novelties.

Lackner John Co, Bway & 7th av, L I C...Astoria 13

Paper Letters and Figures (Gummed).

Tablet & Ticket Co The, 381 Bway.....Franklin 2411

Paper Ruling Colors.

Horgan William J, 6 Platt.....John 1625

Paper Specialties.

Paper Products Corporation of America (Finger Bowl Linings—"Tulip" Drinking Cups), 141-155 E 25th.....Mad Sq 1155

Paper Stock.

American Waste Paper Co, (Cash buyers, waste paper, books, rags), 70 Greene...Spring 6080
Maronna Chas & Co, (Paper Stock, Old Metals & Rags), 330, 37th, Bklyn.....Sunset 5238
Mormando Nicholas & Co, (Cash buyers, waste paper, rags, etc) 133 Crosby.....Spring 6243
United Waste Paper Co, (Cash buyers, waste paper, books, rags) 43 Crosby....Spring 8765

Paper, Toilet & Towels Folded & in Rolls.

Northern Paper Mills, 298 Broadway.....Worth 259

Paper Towels.

Clifton Chemical Co, 317-319 Greenwich..Worth 1680
Industrial Paper Co, 59 Beekman.....Beekman 3976
Linton & Scott, 110 W 40th.....Bryant 5474

Paper Tube Mnfrs.

Advance Paper Tube & Can Mfg Co, 132-134 Greene .....Spring 1509
Auer & Twitchell, 14-16 Waverly pl.....Spring 4777
Wareco, 48-50 Watts .....Spring 8165

Paper Tube Products.
Hoffman J C Inc, 8-12 James.....Spring 956

Papeteries.
National Papeterie Company, 847, 5th av .....Murry Hill 3208

Papier Mache and Theatrical Props.
Unique Papier Mache Co, 881 W 44th.....Bryant 2225

Parasols.
Shulman & Sons (Children's, Misses, Better Grades, Lower Prices), 109-111 Ludlow .....Orchard 5827

Parquet Floors.
Lancaster Parquet Floor Co The, 30 Boerum pl, Bklyn .....Main 3444
Unger Parquet Flooring Co Inc (Parquet & Hardwood Floors. Laid in any Thickness & Design. Old Floors Scraped & Renovated Equal to New), 207 E 85th.....Lenox 6045

Partitions—Wire & Iron.
Page Steel & Wire Co, 30 Church.....Cortland 3541

Paste & Sizing.
National Gum & Mica Co, 59th & 11th av .....Columbus 9700

Patent Attorneys.
Chapman Chas McC, (Patent suits prosecuted and defended, interferences in Patent Office conducted. Sewing Machine and Automobile expert), 2 Rector .....Rector 3162
Griffin James H, (U S and Foreign Patents, Patent Litigation. Late Principal Examiner U S Patent Office) 277 Broadway..Worth 1525
Macdonald & Macdonald (Patents-Trade Marks—Copyrights—Litigation), Park Row bldg, 15 Park Row .....Barclay 7395
Mock & Blum (Chemical & Metallurgical Patents a Specialty), 220 Bway.....Cortland 3352
Munn & Co, 233 Broadway.....Barclay 8064
Reid Wm H (Mechanical Engineer, Expert in Patent Causes), 21 Park Row.....Barclay 8244
Seifert John O, 50 Church.....Cortland 902
Winters F V, (American Patents. Don't patent anything until you get "My Instructions for Inventors." It may prevent a lifetime disappointment), 125 E 23d.....Gramercy 2426

Patent Medicines.
Hydron Hygienic Co, 120 W 32d.....Farragut 4947

Patents, Trademarks & Copyrights.
Evans Victor J & Co, Woolworth bldg...Barclay 6171

Pattern Constructors for Foundry use.
Metz John F Inc, Pulitzer bldg.....Beekman 1041

Pattern Letters & Figures for Wood or Metal Patterns.
American Casting & Mfg Corp, 28 Main, Bklyn .....Main 609

Pattern Makers.
American Pattern, Foundry & Mach Co, 82-84 Church .....Cortland 5680
Bonx Pattern & Model Works Inc, 147 E 126th .....Harlem 15
Mr James, 136 Liberty.....Rector 826
Ston Jesse D, 173 Greenwich.....Cortland 2824
Long Island Pattern & Model Works, The, 69-71 Adams, Bklyn .....Main 1107
Mica Machinery Co, 85-87 Adams, Bklyn..Main 7065
Morris Elmer P, 136 Liberty.....Rector 826

Pattern Makers, Castings and Models.
Bin Henry C & Co Inc, 143-145 Varick..Spring 4257
Jones Geo S, 58 West.....Rector 7270
Jones John E, 82 Gold.....Beekman 2678

Pattern Makers, Experimental Work & Models.
Gibson Pattern Works, 446 W 13th.....Chelsea 7741

Patterns, Perforated, Stamping for Art Needlework.
Dick M, 906 Broadway.....Gramercy 5477

Patterns, Wood & Metal.
Gerdes & Company Inc, 28 Church.....Cortland 7673

Paving Mixers.
American Cement Machine Co The Inc (Edw Ehrlar, Mgr), 270 West.....Canal 8473
Koehring Machine Company, (R E Brooks Dist Mngr), 50 Church.....Cortland 8983

Peanut Oil.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Pearl Button Machinery.
Holub-Dusha Co, 1797-1807 First av.....Lenox 913

Pearl Buttons.
Keystone Button Co (Dorfman Bros) (Pearl & Other Buttons Buckles, Novelties) 1123 Broadway .....Farragut 5014
Union Pearl Works, 43 W 27th.....Farragut 660

Pearl Goods.
Union Pearl Works, 235 Berry, Bklyn..Greenpoint 1371

Pencils.
Union Pencil Co Inc, (Advertising Pencil Specialists, get Quantity Estimate) 38 Union Square W.....Stuyvsnt 1611

Pencils, Manufacturer—Advertising.
Lang & Scherer, 25, 3d av.....Orchard 6664

Pencils, Mfrs—Gold, Gold Plate, Silver, etc.
Holmes F W Sons, (Silver pencils for advertising or premiums), 409 Pearl.Beekman 2705
Hutcheon Bros, (Magazine, clutch, screw pencils, Thermometer cases, Cigarette holders, Fountain pens, Pen Mounts), 176 N 4th, Bklyn .....Greenpoint 366

Pencils, Manufacturers—Gold & Silver.
Byers & Hayes Co, 68 Barclay.....Cortland 7237

Pennants.
American Art Production Co The, 141 Wooster .....Spring 6236

Pennants (Mnfrs) and Felt Novelties.
Prudential Art & Novelty Co Inc, 199 Wooster .....Spring 2147

Pennants, Flags, Banners & Buttons.
Exstein Novelty Co, 114 Park Row.....Worth 536

Pens (Manufacturers) Fountain.
Aikin-Lambert Co, 10 Cortlandt.....Cortland 3796
Finstone Marx (Patentee and Manufacturer of Lever Safety Self-filling Fountain Pen, also Pens of every description; Specialty Premium Goods), 161-163 Grand .....Canal 9371
Gumbinner Alfred, 44-60 E 23d.....Gramercy 5674
New York Fountain Pen Co, (All styles, for export and jobbing trade, lowest prices, quality and satisfaction guaranteed, output 300,000 weekly, prompt deliveries), 372 Broome.Spring 3784

Pens, Gold.
Stark F M, 61-63 E 53d, Bklyn.....Flatbush 9018

Perforated Metals.
Manhattan Perforated Metal Co, 287 Centre.Spring 661

Perforating Machines.
American Perforator Co The, 198 Broadway .....Cortland 3020
Cummins B F Co The (Perforating Machines for Every Purpose, Guaranteed by 30 Years Successful Experience), 261 Broadway...Barclay 6472

Perforating Machines For Paper Patterns.
Ahlstrom O J, 711 Broadway.....Spring 1283
Durbrow & Hearne Mfg Co, 12 Wooster....Canal 8669
See our Catalog Space, page 1006

Perfumers Raw Materials.
Florasynth Laboratories Inc, 281 Pearl....John 5303

Perfumers and Soap Makers Materials.
Elson & Brewer Inc, Gold and Platt.....John 4060

Perfumery.
Glebeas Importation Co, 35 Warren.....Barclay 6567
Natural Flower Perfumery Company, 566 Fifth av .....Vanderbilt 2111

Peroxide of Hydrogen.
Penchot A Inc, 129 Cross.....Spring 4593

Petroleum Engineers.
Levering Richmond & Co Inc, 120 Bway..Rector 4540

Petroleum Securities.
Levering Richmond & Co Inc, 120 Bway..Rector 4540

Pharmaceutical Manufacturers.
Bayer Company The Inc, 117 Hudson....Franklin 313

Pharmaceuticals.
American Aniline Products Inc, 80 5th av.Chelsea 9500
U S Chemical Exchange, 59 Pearl.....Broad 7250

Phonograph Mnfrs.
Lorentzen H K, (Metal Parts and Specialties) 60 Grand .....Canal 1717

Phonograph Record Album Manufacturers.
Boston Book Co Inc, 43 W 4th.....Spring 1221

Phonograph Record Albums. Also Snapshot Album Mfrs.
New York Album & Card Co Inc, 23-25 Lispenard .....Franklin 939

Phonographs.
Brunswick-Balke-Collender Co of N Y The, 29 West 32d .....Madison Square 6180

Phosphor Bronze.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Phosphor Bronze, Sheets, Wire, Rods.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Phosphor Copper.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Phosphor Tin.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Phosphorus Oxychloride.
Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

Photo Engravers.
Scientific Engraving Co, 406 W 31st.....Chelsea 2117
See our Catalog Space, page 947

Photo—Engravers and Printers.
Beck Engraving Co The, 304 E 23d....Gramercy 1824
Eggers John H Co Inc (Unusual [illegible] price, quality & speed of Production on large Editions) 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Photo-Gelatine Printing.
Photo-Gelatine Printing Co, 302 W 36th.Greeley 4761

Photo-Gelatine Printing. Mnfrs. of Post Cards.
Stankovits & Co (Commercial, Art Work & Lobby Displays), 355-357 W 36th.....Greeley 776

Photograph Albums.
Steinberg S & Son, 149-153 Wooster.....Spring 5172

NEW YORK CITY—cont'd

Photograph Enlargements. Solar Prints.
Biggart Solar Print Co, 25 East 4th.....Spring 5768

Photographers.
American Studio, (Commercial Photographers, N Y views for sale) 87 Nassau. Cortland 866
Drummond A J (Legal and Confidential), 50 Fulton .....Beekman 1239
Langton Company, 30 Church .....Cortland 6221
See our Catalog Space, page 994
National Photo Studio (Photographs of Furniture, Machinery, Automobiles, Interiors & Exteriors. Contract work at Moderate Prices, Good Work, at Reasonable Prices) 4914, 5th av, Bklyn .....Sunset 7123
Pierce Henry Havelock, 741 Fifth av.....Plaza 1209
Boston Office 729 Boylston.....Back Bay 3826
Underhill Irving, 239 Bway.....Barclay 5921
Wal Photo Co, 1431 Broadway.....Bryant 9485

Photographers, Commercial.
Fifth Avenue Commercial Photo Studio (Catalog Work, Interiors, Exteriors, Anywhere, Anytime) 7 E 28th .....Mad Sq 4986
Jahelka Maximilian J, 34 Pine .....John 257

Photographers, Commercial and Lantern Slides.
Bates Eldred L (Commercial Photo Work of Every Description) 149 Ashland pl, Bklyn..Prospect 596

Photographers, Enlargements, Portraits & Comrcl.
Franke Emil, 142 W 23d.....Chelsea 7985
See our Catalog Space, page 994

Photographers' Portfolios & Albums—Any Size.
Michelman E B, 106 Sixth av.....Stuyvesant 4863

Photographic Materials.
Fitzsimmons R J, 75, 5th av.....Stuyvsnt 531

Photographic Supplies.
Kuhn H E, 395 Bridge, Bklyn.....Main 6760

Photographs in quantities for Advertising Purposes.
Kranz Mfg Co, 220 W 42d.....Bryant 3607

Photography, Commercial, Photo-Gelatine Printing.
Stanbury Robert K Inc, 135-139 W 17th. Farragut 3112

Photogravures.
Gubelman Publishing Co The, (Art and Commercial Plates, Prints, Catalogues), 47 W 34th .....Greeley 6060

Physicians', Hospital and Invalids' Supplies.
Knauth Bros, 220 Fourth av cor 18th....Stuyvsnt 2523
See our Catalog Space, page 960

Piano Hammers.
Standard Felt Company, 115-117 East 23d .....Gramercy 4432

Piano Manufacturers.
De Rivas & Harris Mfg Co, 138 Willow av. Melrose 240

Piano Movers.
Dochterman Van & Express Co The, (Established Over 40 Years—Piano Movers), 457-471 E 10th .....Orchard 4630

Pianos & Player Pianos.
Winter & Co, 220 Southern bl.....Melrose 1508

Picture Frame Manufacturers.
National Picture Frame & Art Co (Framed Pictures and Advertising Frames. Capacity 35,000 Frames Daily. Special Facilities for Framing, Packing and Distributing. Wholesale only), 259, 5th av.....Mad Sq 7264

Picture Frames.
Wolff Robert Co (Advertising Frames, Window Panels, Display Fixtures) 25 Warren. Barclay 6359

Picture Importers and Publishers.
Bergmann Frederick F (Color Prints, Photogravures, Carbons, Fac-Similes, Etc), 225 Fifth av .....Madison Square 6637

Picture—Publishers.
Gutmann & Gutmann, 116 W 32d.....Farragut 4564

Pictures—Frames—Mouldings.
U S Frame & Picture Co, 24 Barclay.....Cortland 1515

Pictures Restored, Paintings and Engravings.
Powell Art Gallery (Framing, Regilding Artists' Materials) 986, 6th av.....Circle 2643

Pigments.
Harrison Works (Owned and operated by E I Du Pont de Nemours & Co), 80 Maiden Lane .....John 6444

Pile Fabric Manufacturers.
Stroock S & Co, 11 E 26th.....Mad Sq 8256

Piles—Concrete.
Raymond Concrete Pile Co, 140 Cedar....Rector 9160

Pinking Machines.
Defiance Button Machine Co, 43-47 W 24th.....Farragut 3730
Durbrow & Hearne Mfg Co, 12 Wooster....Canal 8669
See our Catalog Space, page 1006

Pins (Domestic and Bank).
Austin Walker Sales Co (Union Pin Co), 215, 4th av .....Stuyvesant 3211

Pipe (Cast Iron, B & S Flange & Flexible Joint).
Donaldson Iron Co, (John Fox & Co), 253 Bway .....Barclay 6215
United States Cast Iron Pipe & Foundry Co, 71 Bway .....Rector 655

Pipe (Cast Iron, Flange).
American Car & Foundry Co, 165 Broadway .....Cortland 8100

Pipe (Cast & Wrought Iron).
Rheinfrank Building Material Co, Est 1877, 620 E 14th .....Forsyth 9280

Pipe (Fibre and Conduit).
Brown Company, Woolworth bldg.....Barclay 6185

Pipe (Lead—Tin Pipe).
Union Smelting & Refining Co Inc, 604-608 E 19th .....Gramercy 6699
See our Catalog Space, page 1008

Pipe Bending & Pipe Coils.
National Valve & Mfg Co (F W Richardson, Agt), 39 Cortlandt.....Cortland 7268

Pipe Bends and Flanges.
Ballwood Co The, 30 Church .....Cortland 1350

Pipe Coils—Copper and Steel.
Gerdes & Company Inc, 28 Church.....Cortland 7673

Pipe Fitters Tools—All Kinds.
Scott J W Hardware Co, 30 Warren.....Barclay 6113

Pipe Fittings for Gas, Water or Steam.
Broadway Bicycle & Auto Supply Co, 60 Vesey .....Cortland 1308

Pipe Headers (Welded).
National Valve & Mfg Co (F W Richardson, Agt), 39 Cortlandt.....Cortland 7268

Pipe Tools—Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

Pipe Unions.
Williams Franklin Inc, 39 Cortlandt....Cortland 136

Pipes, (Smoking) Manufacturers of
Frank S M & Co, 928 Broadway.....Gramercy 3830

Pipes & Smokers Articles.
Kaufmann Bros & Bondy, 33 East 17th. Stuyvesant 3000
Stern L & H Inc, 432-434 E 10th.....Orchard 807

Piping (Contractors Power).
National Valve & Mfg Co (F W Richardson, Agt), 39 Cortlandt .....Cortland 7268

Pitch, Ground.
Barrett Company The, 17 Battery pl.....Rector 600

Pitch Insulating.
Barrett Company The, 17 Battery pl.....Rector 600

Pitch-Roofing.
Barrett Company The, 17 Battery pl.....Rector 600
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Plaiters & Fluters.
Star Pleating Co, 101 W 23d.....Chelsea 5225
See our Catalog Space, page 994

Planers.
American Machinery Exchange Inc, 217 Centre .....Canal 642
Terminal Machine Co, 406-408 Broome..Cortland 3169

Plate Metal Construction, Heavy & Light.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Platers.
Kolb Gustave F (Hotel Work a Specialty—Silver Plating), 142-144 E 59th.....Plaza 4164
Trichlinger J, 180 W Houston.....Spring 3733

Platers, Barrel Plating Only.
Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

Platers' Chemicals.
Ratner A E Co Inc, 59 Pearl.....Broad 5234

Player Pianos Metal Elbows & Windgates.
Goetz Jacob, 123 Nostrand av, Bklyn...Wmsburg 4941

Playsuits for Children.
Sackman Bros Co, 23 E 22d.....Gramercy 4553

Pleaters.
Hacker Plaiting Co (Pleating in all its Branches, Hemstitching, Plaiting-Patterns, Our Semi-made & Ready to Wear Skirts are Famous), 132 W 27th .....Farragut 3280
Star Pleating Co, 101 W 23d.....Chelsea 5225
See our Catalog Space, page 994

Pleating & Fluting Machines.
Durbrow & Hearne Mfg Co, 12 Wooster...Canal 8669
See our Catalog Space, page 1006

Pleating, Hemstitching and Pattern Makers.
Fashion Pleating Co, 501-503, 6th av...Farragut 6389

Pleating & Pinking Machines.
Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

Plumbers and Gas Fitters.
Lieblich H & Co, 653 W 181st.....St Nicholas 2870

Plumbers Supplies—Second Hand.
Rheinfrank Building Material Co, Est 1877, 620 E 14th.....Forsyth 9280

Plush Manufacturers.
Stroock S & Co, 11 E 26th.....Mad Sq 8256

Plushes and Cotton Velours.
Timme E F & Son, 251, 4th av.....Gramercy 2735

Pneumatic Tools.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640
Chicago Pneumatic Tool Co, 52 Vanderbilt av .....Murray Hill 8580

Pneumatic Tube Carriers.
MacMillan D & Son, 68 Ryerson, Bklyn..Prospect 6032

Pocket Books.
Rumpp C F & Sons Inc, 411-413, 5th av .....Murray Hill 4541

Poker Chips, Checkers and Dominoes.
Harris G H Co The, 49-61 Clymer, Bklyn.Wmsburg 3388

Poker Sets.
Bubeck & Guerin, 161-163 W 18th.....Chelsea 4119

Poker Sets, Playing Cards, Bridge Whist, Premiums.
Stecher & Spelrein Co Inc, (Catalog Issued) 65-67 West Houston.....Spring 2367

Poles.
Morris Elmer P, 136 Liberty.....Rector 826

Poles, Flag, Clothes & Scaffold.
Chesebro Whitman Co Inc, 1167 First av...Plaza 35

Polishing Materials.
Brillo Manufacturing Co, 517-521 W 45th.Bryant 1195
Mirrolike Mfg Co Inc, 203, 8th L I C..Hunters Pt 1451

Polo Goods.
Bartscher William, 85 Wallabout, Bklyn.Wmsburg 3627

Poppy Seed Oil.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Porcelain Guides for Textile Mills.
Mitchell-Bissell Co, 251, 4th av.....Gramercy 424

Portable Buildings.
Gallery Geo W, 129 E 138th.....Melrose 9966
See our Catalog Space, page 995
Hoboken Garage Mfg Co ("Durabilt" Portable Steel & Wood Buildings of all kind. Garages Storehouses, Etc), 1328 Broadway...Greeley 1576
Kolb Portable Building Co, 36 Church...Cortland 4091
See our Catalog Space, page 995
Pruden C D Co The, (Leigh Pruden), 56 Pine .....John 2080
See our Catalog Space, page 926
United States Portable Building Corp (Portable Wood & Steel Buildings of Every Description. Bungalows, Garages, Factories, Hospitals), 115 Broadway .....Rector 3048

Portable Houses for Builders & Contractors.
Chesebro Whitman Co Inc, 1167 First av..Plaza 35

Portable Lamps and Shades.
Peerless Light Co, 125 Chambers.....Worth 2058

Portfolios and Brief Cases (Manufacturers).
Band Leather Goods Co, 153-159 W 15th.Chelsea 1305

Post Cards.
Homide Mfg Co Inc, 32 Union sq.....Stuyvsnt 3249
See our Catalog Space, page 995

Post Cards, Hand Colored.
Caroselli & Co, 101 W 42d.....Bryant 4275

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, Equitable bldg, 120 Broadway.....Rector 5720

Powder and Dynamite.
Rack-A-Rock (Rendrock Powder Co), 106 Wall .....John 3212

Powder Puff Manufacturers.
Cosin Co The, 30 East 23d.....Gramercy 3615

Powders, Aluminum, also Sheets Rods and Wire.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv., page 32, First Page Opposite Section 1

Power Plant Economy Apparatus.
Uehling Instrument Co, Empire bldg.....Rector 9638

Power Pumping Units.
Leader Iron Wks, 21 East 40th.....Murray Hill 330

Power Pumping Units, Automatic—Electric.
Leader Iron Wks, 21 East 40th.....Murray Hill 330

Power Pumping Units, Gasoline Engine Driven.
Leader Iron Wks, 21 East 40th.....Murray Hill 330

Power Transmission.
Morse Chain Co, 50 Church.....Cortland 6988

Premium Goods (Mfrs.) of Manicure & Traveling Sets
Stecher & Spelrein Co Inc (Catalog Issued) 65-67 West Houston.....Spring 2367

Premium Goods, Original.
Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other Printed Novelties for Children and Grown-ups, Cardboard Toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Premiums.
Beegee Company, (Erasers, Clutch Pencils and Specialties) 1133 Broadway....Farragut 8985
See our Catalog Space, page 910

Premiums—Safety Razor Mnfrs. for large Users.
Burham Safety Razor Co The, 64 Murray..Barclay 5638

Premiums—Safety Razor Outfits.
Eagle Safety Razor Co, 66 W Bway.....Barclay 6637

Press Clippings.
Burrelle's Press Clipping Bureau, 60 Warren .....Barclay 7247
Romeike Henry Inc, 106-110, 7th av.....Chelsea 8860

Presses.
American Machinery Exchange Inc, 217 Centre .....Canal 642

Presses for making Metal Pattern Plates.
Roovers Bros, 100 Schermerhorn, Bklyn....Main 3780

Presses for making Metal Tags.
Roovers Bros, 100 Schermerhorn, Bklyn....Main 3780

Presses, Pumps, Valves, Fittings and Accumulators.
Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

Pressing Machines & Pressing Irons and Appliances
Rosenbaum Mfg Co, 33 Bleecker.....Spring 1942

Price Cards.
Tablet & Ticket Co The, 381 Bway....Franklin 2411

Printers.
Atlas Press Inc, 231-233, 10th av.....Chelsea 8844
Bartlett Orr Press, 461-479 8th av.....Greeley 4725
Barr Printing House, 18 Jacob.....Beekman 2395
Eggers John H Co Inc, 461, 8th av.....Greeley 1010
See our Catalog Space, page 997
McConnell Printing Company The, 226-242 William .....Beekman 2980
See our Catalog Space, page 997
O'Brien J J & Son, 122 E 23d.....Gramercy 5920

Printers Advertising Matter, Good Booklets, etc.
Muscatine Joseph I, 201 William.....Beekman 3974

Printers' Advertising Matter, Unusual Booklets, Etc.
Eggers John H Co Inc (Unusual Inducements in Story Booklets, Cards and other Printed Novelties, for Children and Grown-ups, Cardboard Toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Printers' Catalog, Halftone and Color Work.
Eggers John H Co Inc (Unusual Inducements in Price, Quality and Speed of Production on Large Editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Printers, Catalogs, Color Work, Advertising Service.
Eggers John H Co Inc (Unusal Inducements in Price, Quality and Speed of Production on Large Editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Printers' Complete Service Direct Advertising.
Arrow Press Inc, 324 West 39th.....Greeley 330

Printers, Foreign Languages
International Press, 150 Lafayette.....Canal 8934
Neumann Brothers (The Linguistic Printers), 318-324 W 39th.....Greeley 3520

Printers' and Lithographers' Finishers.
Wiener Bros (Varnishing, Gumming, Die and Straight Cutting), 692-694 Bway cor 4th .....Spring 8625

Printers on Fabrics.
United Textile Print Works Inc, (Block & Air-Brush Printing. Fast Colors. Specialties on Silks, Chiffons, Crepes, Nets), 153-59 W 15th .....Chelsea 3468

Printers, Poster.
Eggers John H Co Inc (Unusal Inducements in Price, Quality and Speed of Production on Large Editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Printers, Publication.
Book & Newspaper Press (English and Twenty Languages, Moderate Prices), 384, 2d av .....Gramercy 5192

Printers and Publishers.
Rand McNally & Co, 43 E 22d.....Gramercy 3130
See our Catalog Space, page 998

Printers, Rotary Press Work in Color.
Eggers John H Co Inc (Unusal Inducements in Price, Quality and Speed of Production on Large Editions), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997
Hewlett Tempany Co, 208 Willoughby, Bklyn .....Main 421

NEW YORK CITY—cont'd

Printers Steel Column Rule.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

Printing & Litho Inks, Bronze Powders, etc.
Roberts Lewis Inc, 186 William.....Beekman 3497

Printing Machinery.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065

Printing Machinery and Supplies.
Wesel F Mfg Co, 72-80 Cranberry, Bklyn....Main 4540

Printing Machinery, Type and Supplies.
American Type Founders Co, 200 William.Beekman 3885
See our Catalog Space, page 1019
Conner Fendler & Co, 96 Beekman.....Beekman 3970
See our Catalog Space, page 1019
Lanston Monotype Machine Co, World bldg .....Beekman 3155
See our Catalog Space, page 999

Printing Presses.
Hoe R & Co (Manufacturers of printing machinery and supplies), 504 Grand...Orchard 1800

Printing Presses & Printers' Supplies.
Printing Machinery Co The, 461, 8th av..Greeley 1383

Printing Supplies.
Rouse H B & Co, 41 Park Row.....Cortland 2497

Printing Supplies—Papers All Kinds.
Doty & Scrimgeour Sales Co, 74 Duane....Worth 5395

Prints.
Lesch Rudolf (General Agent Seemann prints and others), 13 W 42d....Vanderbilt 5306

Process Engravers.
O'Brien J J & Son, 122 E 23d.....Gramercy 5920

Producers—Gas.
Gerdes R N (Also Gas and Oil Engines), 123 Liberty.....Cortland 4719

Promoters, London and New York.
Gross Theo, 25 Broad.....Broad 2780

Provisions.
Laidlaw, Kelley & Co Inc, 14 Platt.....John 1566

Public Accountants.
Gogolick & Levine, 1265 Broadway.....Mad Sq 1148

Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), 227 Fulton .....Cortland 12084

Publishers (Trade).
Haberdasher Co The, 112 E 19th.....Stuyvsnt 7420

Publishers—Booklets.
Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards & Other Printed Novelties for Children & Grown-ups, Cardboard Toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 997

Pulleys.
Geoles & Company Inc, (Gears, Sprockets, Chains, Bearings, Hangers), 98 Church.....Cortland 7673

Pulverizing and Crushing Machinery.
Kent Mill Co, 10 Rapelyea, Bklyn .....Hamilton 1000

Pumping Engines—Simple, Comp. & Triple Expansion.
McGowan John H Co The, 50 Church....Cortland 4748

Pumping Outfits, Special—Gasoline or Kerosene.
Martin W I, 111 Broad.....Broad 283

Pumps.
Davidson M T Co, 43 to 53 Keap st, Williamsburg 212
Bklyn, Tribune bldg 154 Nassau.....Beekman 4671
Drake M M (Marine Pumps, All Types & Sizes), 17 Battery pl.....Rector 651
George E & Co Inc, (Gasolene Pumps for Sale or Rent), 194 Front.....John 2680
Guild & Garrison (Fly-wheel Vacuum Pumps, Magma Pumps), Kent av & 10th st, Bklyn .....Williamsburg 323
Twinvolute Pump & Mfg Co, 55 William....John 6264
Whinery S B, 95 Liberty .....Cortland 5326

Pumps, Boiler Feed.
American Steam Pump Co, 17 Battery pl...Rector 4515

Pumps, Centrifugal.
American Steam Pump Co, 17 Battery pl...Rector 4515
Centrifugal Pump Co, (Manufacturers "Silent" Single and Multi-stage Pumps), 434 Canal .....Canal 9099

Pumps, Deep Well.
American Steam Pump Co, 17 Battery pl...Rector 4515

Pumps, Displacement Types—Steam & Power Driven.
McGowan John H Co The, 50 Church....Cortland 4748

Pumps, Elevator.
American Steam Pump Co, 17 Battery pl...Rector 4515

Pumps, Hand and Power for All Uses.
Deming Co The (Ralph B Carter Co, Rep), 152 Chambers .....Barclay 6955

Pumps, Power.
American Steam Pump Co, 17 Battery pl...Rector 4515

Pumps, Presses, Valves, Ftgs Accumulators—Hydraulic.
Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

Pumps, Pulsometer
Pulsometer Steam Pump Co, 220 W 42d..Bryant 5895

Pumps—Steam Jet.
McGowan John H Co The, 50 Church...Cortland 4748

Pumps, Tank.
American Steam Pump Co, 17 Battery pl...Rector 4515

Pumps, Turbine.
Plant Engineering & Equipment Co, 6 Church .....Cortland 6451

Pumps, Vacuum.
American Steam Pump Co, 17 Battery pl...Rector 4515

Punch Boards, Traveling & Manicure Sets—Premiums.
Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston.....Spring 2367

Punches and Dies.
Lewthwaite T H Machine Co, 415 East 31st .....Murry Hill 3117

Punches, Paper & Loose Leaf.
Morrill Chas, 100 Lafayette .....Franklin 3947

Punches—Ticket, Card and Clock.
Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

Punching Machines.
American Machinery Exchange Inc, 217 Centre .....Canal 642

Push Cart Manufacturers.
Willets Manufacturing Co, 890 Bedford av, Bklyn .....Wmsburg 27

Putty Manufacturers.
Belknap-Moran-Allen Co Inc The, 5 Ainslee, Brooklyn .....Stagg 3270
Crandall E V Oil & Putty Mfg Co, 1107 Metropolitan av, Bklyn .....Stagg 3764

Pyrometers.
Brown Instrument Co The, 50 Church..Cortland 1331
Hoskins Mfg Co, Grand Central Terminal .....Murray Hill 5340
Thwing Instrument Company, 59 Pearl....Broad 4657
Uehling Instrument Co, Empire bldg.....Rector 9638

Quartz & Silex.
New England Quartz Co of N Y, 107-109 William .....John 68

Quilted Apparels & Quilted Goods of all Kinds.
Star Quilting Co, 23-27 Sullivan.....Spring 1640

Quilted Mattress Protectors, Table Pads & Padding.
Excelsior Quilting Co, 15 Laight.....Franklin 398

Racks—Steel.
Durand Steel Locker Co, 132 Nassau....Beekman 1182

Radiator and Hood Covers—Automobile.
B-E Manufacturing Co The, 18-22 W 18th.Chelsea 5053

Radiator Valves, Steam & Hot Water.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Radiators.
Atlantic Radiator Co, 359 W 42nd.....Bryant 7330

Radium Products.
Radium Luminous Material Corporation, 55 Liberty .....Cortland 2209

Raffle Card Premiums, Manicure and Traveling Sets.
Stecher & Spelrein Co Inc (Catalogue Issued), 65-67 West Houston.....Spring 2367

Rag Dealers.
Bernstein S & Son (Dealers Old and New Woolen Rags) 525-527 Broome.....Spring 112

Rags—(Washed)—For All Purposes.
Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8340

Rags, Sanitary for Wiping & Polishing Purposes.
Bernstein S & Son, 525-527 Broome.....Spring 112

Railings & Grilles, Brass & Bronze.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Railings—Office—Wire.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688

Railroad Equipment.
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 962
Joliet Railway Supply Co (Atkinson & Uteck, Sales Agts), 111 Broadway, Trinity bldg .....Rector 2277

Railroad Iron & Steel Supplies for Export.
Carey Geo H, 1 Broadway.....Bowling Green 9167
Railway Specialties Corp, 30 Church....Cortland 3602

Railroad Track Supplies.
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Rails—Steel—New & Relaying.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Railway Supplies.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Railway Switches, Frogs and Crossings.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Railways, Industrial.
Easton Car & Construction Co, 30 ChurchCortland 1198

Raincoat Manufacturers, Ladies and Mens'.
Goodwear Raincoat Mfg Co, 57-65 Hope, Brooklyn .....Stagg 67
Pines Rubber Co Inc, Bush Terminal No 19, Brooklyn .....Sunset 6363

Range Boilers and Expansion Tanks.
Wood John Mfg Co, Bush Terminal, Brooklyn .....Sunset 6483

Rapeseed Oil.
Boyer Oil Co Inc, 29 Broadway.....Whitehall 240

Rat Catchers.
Ortner Charles, 310 W 125th .....Morngside 6904

Rat Exterminators.
Rose Rat Exterminator Co (W J Shrimplin, Mgr), 309 Broadway.....Worth 2911
Virus Limited Inc, 72 Front.....Hanover 960

Rattan, Reeds & Split Bamboo.
Josephie George Co Inc The, 227-229 Water .....Beekman 3579

Rattan Seats.
American Rattan & Reed Mfg Co, Norman and Kingsland avs Bklyn .....Greenpoint 90

Razor Mnfrs—Safety—for Large Users.
Burham Safety Razor Co The, 64 Murray..Barclay 5638

Razor Strops, Mnfrs.
Howard Specialties Co Inc, 15 Crosby.....Canal 8633

Real Estate.
Ryan Geo J, 46 Jackson av L I C..Hunters Point 3451

Real Estate Brokers and Agents.
Dowd Jas A, 874 Sixth av.....Circle 32
Juerst William F Inc, 87 Nassau.....Cortland 1633
Ullman C L & D L, 3221 White Plains avenue, Bronx .....Wmsbridge 36
Whiting W H & Co, 41 Park Row.....Cortland 5900

Real Estate and Business Brokers.
Rosenblum J & Co, 44 E 23rd.....Gramercy 1714

Real Estate—Factories.
Sudden Herbert R, 373 Fulton, Bklyn.....Main 6835

Real Estate & Insurance.
Andreozzi Geo V, 399 Union, Bklyn....Hamilton 2208

Reamers.
Cleveland Twist Drill Co The, (Edward Jung Agent) 30 Reade.....Worth 122
Detroit Twist Drill Co, 30 Warren.....Barclay 4702
Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade .....Worthington 3270

Reamers, (Straight and Spiral Fluted) Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

Rebuilt Adding Machines—Bought, Sold, Exchanged.
Adding Machine Inspection and Sales Co, 206 Broadway .....Cortland 6739

Receptacles.
"Diamond H" (The Hart Mfg Co), 30 Church .....Cortland 7936

Recorders—Combustion.
Uehling Instrument Co, Empire bldg.....Rector 9638

Recorders—Draft.
Uehling Instrument Co, Empire bldg.....Rector 9638

Recorders, Temperature—Operation.
Thwing Instrument Company, 59 Pearl...Broad 4657

Recording Instruments.
Uehling Instrument Co, Empire bldg.....Rector 9638

Recuperative Furnaces for Industrial Purposes.
Hermansen A, 1382 Woolworth bldg.....Barclay 7666

Red Oil.
Gross A & Co, 90 West.....Rector 1521

Reeds and Rattans.
Demarest Charles H, 150 Water.....John 1889

Refiners—Animal, Fish, and Vegetable Oils.
Cook N B Oil Company, 148 Front.....John 434
See our Adv., page 1, Opposite Inside Front Cover

Reflectors.
Bailey Reflector Company, 489, 5th av..Vanderbilt 3044
Frink, I P Inc, 239, 10th av.....Chelsea 833
King J C, 162 W 34th.....Greeley 4888
National X-Ray Reflector Co (R B Corby, Mgr), 31 W 46th .....Bryant 6843
Sunlight Reflector Co, 226 Pacific, Bklyn...Main 8198
X-Ray Reflector Co of New York (R B Corby, mngr) 21 W 46th.....Bryant 6843

Reflectors, Porcelain Enameled, Steel.
Ingram-Richardson Mfg Co, 100 William...John 2394

Refractory Materials.
Hoffman Chas V Co Inc, 95 Liberty....Cortland 1967

Refrigerating Chemicals & Supplies.
Schwenker W M Inc, 340-342-344 E 92nd..Lenox 435

Refrigerating and Ice Plants.
De La Vergne Machine Co, Foot of E 138th .....Melrose 3200

Refrigerating Machines.
Kroeschell Bros Ice Machine Co, 30 Church .....Cortland 2370

Refrigerators.
Lorillard Refrigerator Co The, 25 W 32d.Mad Sq 1342
McKee Refrigerator Co (Manufacturers of High Grade Refrigerators) 119 Lorimer, Brooklyn .....Wmsburg 4892

Refrigerators (Manufacturers of all kinds).
Seeger Refrigerator Co, 101 Park av...Murry Hill 9749

Refrigerators built in Sanitary.
Richmond & Daniels Inc, 90 West.....Rector 4681

Refrigerators for All Purposes.
McCray Refrigerator Co, 7 and 9 W 30th.Mad Sq 8820
White Enamel Refrigerator Co, 50 W 23d .....Vanderbilt 1927

Regalia for all Societies.
Kraus L, 131 Clinton.....Orchard 1728

Regulators—Damper.
Thompson Richard & Co, 126 Liberty.....Rector 2063

Remnants.
Lillice John Co The, 189 Washington....Cortland 3463

Remnants—All Grades—Cheese Cloth—All Purposes.
Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540

Remnants—All New—Cheese Cloth, Etc for all Purposes.
Mill Remnants Co, 19 Bond.....Spring 5830
See our Catalog Space, page 937

Reporting (Verbatim) Conventions, Meetings, Etc.
Convention Reporting Co, 32 Union Sq.Stuyvesant 1963

Restaurant Checking Systems and Coupon Books.
National Checking Company, 5734 Grand Central Terminal.....Murray Hill 7487

Restaurant Supplies.
Restaurant Furniture Co, 142-144 Wooster.Spring 7323
See our Catalog Space, page 1001

Revolving Doors.
Revolving-Door & Fixture Co, 1328 Broadway .....Greeley 4404

Rhinestone Novelties.
Rothschild & Co, 30 W Houston.....Spring 8736

Ribbon Manufacturers.
Barton F C (Domestic Ribbons, Silk Tapes a Specialty) 65 Worth.....Franklin 336
Emmerich Walter & Co, 428, 4th av.....Mad Sq 8730
See our Catalog Space, page 1001
Frankenthaler & Frankenthaler, 622-626 Broadway .....Spring 4650
See our Catalog Space, page 1001
Jacobs Wallace S Inc, 108 E 23d.....Gramercy 1692
Wertheimer Bros (Owners, operators Werbro Ribbon Mfg Co. Buy your ribbons direct from the Mills. All widths, Plain and Fancy), 19 E 24th .....Mad Sq 4390

Ribbon Mnfrs. and Importers.
Bliss Wm B Jr & Co, (Ribbons, All Widths for Manufacturing) 114, 5th av.....Chelsea 8283
Cohen & Hiller Inc, 871 Broadway.....Gramercy 2895
Corbett Brothers Co, 222, 4th av.....Gramercy 5162
Krause R & Son, 22 W 19th.....Chelsea 3143
Smith & Kaufmann (Ribbons, silk and ribbon novelties) 19 E 26th.....Mad Sq 9550

Rice, Spices, Tapioca for Export—Potato & Rice Flour.
Armstrong Chas E, 5 State.....Bowling Green 9190

Riggers.
Krasilvisky S & Bro, 218 Centre.....Canal 187

Rivets—All Metals—To Order.
Hassall John Inc, Clay and Oakland, Bklyn .....Greenpoint 2391

Rivets, Brass, Copper, Bronze, German Silver.
Dingerfield U F Brass & Copper Co, 50 Lafayette .....Franklin 5700

Robe Manufacturers.
Stroock S & Co (Manufacturers of the famous "Stroock MOTOROBES") 11 E 26th.Mad Sq 8256

NEW YORK CITY—cont'd

Robes, Automobile.
Curtis & Von Bernuth Mfg Co, 88 W Broadway ..... Barclay 7110
See our Catalog Space, page 916

Rods, Aluminum also Ingots, Pigs Sheets and Wire.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

Rolled Glass.
estern Glass Co The (S Bryan Kneass, Agt), 393 Canal ..... Canal 3867

Roller Bearings.
Gwilliam Co, 253 W 58th ..... Colmbus 8355
New Departure Service Station, 253 W 58th ..... Colmbus 8355
Smith Raymond W Inc "Hyatt", 120 Liberty ..... Rector 2408

Rolling Steel Doors & Shutters.
Cornell Iron Works (Manufacture largest doors. Repair all makes), 601 W 26th ..... Chelsea 1423

Rolling Steel Doors & Shutters, Geared or Coiling.
Cornell Iron Works, 26th and 11th av ..... Chelsea 1423

Roof Repairing Cement.
Universal Compound Co Inc ("Universal" Semi-Plastic for Tin, Composition Roofs, 2 Rector ..... Rector 6162

Roofers.
International Guarantee Roofing Co, 1677 Lexington av ..... Harlem 3169

Roofers & Roofing Material.
Roof Maintenance Co, 201 E 129th ..... Harlem 285

Roofing, Asphalt Roofing.
Barrett Company The, 17 Battery pl ..... Rector 600

Roofing, Asphalt Shingles.
Barber Asphalt Paving Co The (Genasco Brand), Woolworth bldg ..... Barclay 6260

Roofing, Canvas.
Boyle John & Co Inc, 112 Duane ..... Worth 4770

Roofing Cement Manufacturers.
Barrett Company The (Elastic), 17 Battery pl ..... Rector 600
Belknap-Moran-Allen Co Inc The, 5 Ainslie, Bklyn ..... Stagg 3270

Roofing, Everlastic.
Barrett Company The, 17 Battery pl ..... Rector 600

Roofing Materials.
Asphalt Ready Roofing Co, 9 Church ..... Cortlandt 3543
Metropolitan Roofing Materials Co, 134th and 3d av ..... Melrose 8151
United States Roofing Co, (U S Roofing of the class known as rubberoid roofing. Guaranteed fifteen years. Prices reasonable. Specialists in export), 41 Park Row ..... Cortlandt 6966

Roofing, Painted and Galvaized, Steel & Toncan Metal.
Berger Mfg Co The, S E Cor 22d & 11th av ..... Chelsea 1408

Roofing Tile.
Ludowici-Celadon Company, Fifth Av bldg ..... Gramercy 2593

Rooflights.
Keppler Glass Constructions Inc, 101 Park av ..... Murray Hill 7156

Rope.
National Rope Co, 106 Wall ..... John 1392
Whitlock Cordage Co, 46 South ..... Hanover 1030

Rope & Cordage (Manufacturers).
New Bedford Cordage Co, 120 Broadway ..... Rector 9217

Rope—Cordage (Sisal & Manila).
Disbrow Cordage Co, 149 Church ..... Barclay 5868

Rope, Cordage, Twines.
Gardy M J Co Inc, 110-112 Read ..... Worth 4690
See our Catalog Space, page 1019

Rope Fittings and Tackle Blocks, All Kinds—Mfrs.
Upson-Walton Co of N Y The, 291 Bway ..... Worth 918

Rope, New & Old.
Brennan Bros, 459 W 18th ..... Chelsea 3011

Rope, Sisal, Manila, Cotton, Jute.
Kelley Henry C Company, 35 Worth ..... Franklin 2700

Rope Slings.
Bottger Bros & Co (Steamship Slings of all Descriptions, etc), Marine Basin, Ft Hubbard, Bklyn ..... Bath Beach 2084

Rope and Twine.
New York Cordage Co The, 123 Front ..... John 2215

Rope Wire.
Page Steel & Wire Company, 30 Church ..... Cortlandt 3541

Rosin Oil (Size & Pitch).
National Rosin Oil & Size Co, 90 West ..... Rector 7894

Rosin Oils (Varnishes and Pitch).
Southern Oil & Chemical Co, 15 Park Row ..... Barclay 8180

Rosin & Turpentine.
Antwerp Naval Stores Company, 90 West ..... Rector 3173
General Naval Stores Co, 90 West ..... Rector 7660

Rubber Air Mattresses, Cushions, Pillows & Sheeting
Knauth Bros, 220, 4th av cor 18th ..... Stuyvesant 2523
See our Catalog Space, page 960

Rubber Baloons, Caps, Sponges, Adv. Novelties.
Caldwell, William & Co, 96 Warren ..... Barclay 6265

Rubber Cloth.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway ..... Rector 5720

Rubber, Crude.
Obalski & Sweeney Inc, 24 Stone ..... Broad 1898

Rubber Goods.
Gottwik Scheffer Co, 25 Church ..... Cortlandt 1166
See our Catalog Space, page 1002
Metropolitan Specialty Co, (Bathing Caps, Rubber, Rubberized and Novelties), 760 Hendrix Bklyn ..... Canarsie 6944
Sagona L C Co, 50 Church ..... Cortlandt 3712
See our Catalog Space, page 1002

Rubber Goods—Hard Rubber Goods.
Vulcanized Rubber Co The, 251 4th av ..... Gramercy 3716

Rubber (All Makes) Heels, Gloves, Packing, Matting.
Broadway Bicycle & Auto Supply Co, 60 Vesey ..... Cortlandt 1308

Rubber Packing, Flax, Asbestos Gloves.
Danubil Co The, 253 Bway ..... Barclay 6017
See our Catalog Space, page 915

Rubber Scrap.
Brennan Bros, 459 W 18th ..... Chelsea 3011
Loewenthal Co The, 23 Heyward, Bklyn ..... Wmsburg 3055
Muehlstein H & Co, 2401, 3d av ..... Melrose 495

Rubber Scrap, New and Old.
Muehlstein H & Co, 2401, 3d av ..... Melrose 495

Rubber Scrap, New and Old—(Foreign and Domestic).
Chalfin Joseph, 47-53 West ..... Bowling Green 8795

Rubber Sheeting.
Rubberized Sheeting & Specialty Co, 221, 4th av ..... Stuyvesant 7594

Rubber Stamps.
Barton Mfg Co, (Shop especially equipped for Rush Work. Rubber Stamps—Steel Stamps—Time Stamps. Stencils—Numbering Machines—Seal Presses, etc), 87 Duane ..... Worth 999
Bishop Thomas H, 126 William ..... Beekman 672
Buck T S Mfg Co (Patent Pneumatic Stamp Cushions, Stamp Mfrs Supplies of every kind. Catalogues Furnished), 537-539 Bway ..... Spring 7238
Century Rubber Stamp Works, 551 Pearl ..... Worth 3164
Everson & Reed Co, 88 Chambers ..... Barclay 8098
Moss Henry & Co, 37A Beaver ..... Broad 5011 Ex 3
Moss Samuel H, 36 E 28d ..... Gramercy 5361
Brooklyn Office, 419 Fulton ..... Main 764

Rubber Sundries.
Davol Rubber Co, 302 Broadway ..... Worth 2035

Rubber Tissue.
Soltau Robert & Co Inc, 148 W 23d ..... Chelsea 7773

Rubber Tubing, Garden Hose, Steam Hose, All Sizes.
Broadway Bicycle & Auto Supply Co, 60 Vesey ..... Cortlandt 1308

Rubberized Fabrics.
O'Bannon Corporation, 200 Fifth av ..... Gramercy 5241

Rug and Carpet Cleaners.
Jordan's New York Carpet Cleaning Works, 437 W 45th ..... Bryant 4692

Rugs.
Manges Simon & Son, 83 Ave A ..... Orchard 6686
See our Catalog Space, page 928

Rugs—Hand Tufted and Axminster.
Witcombe, McGeachin & Co, 20-24 W 37th ..... Greeley 236

Rugs, Steamer.
Dusenbury Louis & Co Inc, 229, 4th av ..... Stuyvesant 7498

Rule Mfrs.—Interlocking, Sliding and Folding.
Dahl Mfg Co, 841-848 East 136th ..... Melrose 2063

Rules (Steel & Wood).
Lufkin Rule Co The, 106-110 Lafayette ..... Franklin 4368

Safe Deposit Vaults.
Safe Deposit Co of N Y, The, 149 Bway Singer bldg ..... Cortlandt 7601
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Safe Hoisters and Movers.
Krasilovsky S & Bro, 218 Centre ..... Canal 187

Safe and Lock Experts, Safes Opened and Repaired.
Biancolo James, 215 Grand ..... Canal 8583

Safe Movers.
Dochterman Van & Express Co The, (Established Over 40 Years—Safe Movers—Machinery Moved), 457-471 E 10th ..... Orchard 4630

Safes.
Baum J Safe & Lock Co The, 255 Canal ..... Canal 9360
Hall-Marvin Company, 393 Broadway ..... Franklin 5094

Safes (Filing, Fire and Burglar Proof).
Cary Safe Co, Church-Hudson Terminal bldg ..... Cortlandt 7859

Safety Ladders, Trestles, Etc.
Chesebro Whitman Co Inc, 1167, 1st av...Plaza 35

Safety Paper.
La Monte George & Son, 61 Broadway....Rector 7780

Safety Razor Mnfrs. for large Users.
Burham Safety Razor Co The, 64 Murray..Barclay 5638

Safety Treads.
American Abrasive Metals Co, 50 Church .....Cortland 7444

Sail Makers.
Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope Canvas Slings), Marine Basin, Ft Hubbard, Bklyn .....Bath Beach 2084
Curtin John Inc, 2 South.....Bowling Green 8866
Endicott Hammond Co, 50 West...Bowling Green 9567

Sales Plans.
Rankin Wm H Co, 25 E 26th.....Mad Sq 7597
Woodwards Incorporated, 501, 5th av..Murray Hill 8417

Saltpetre.
Knowles-Bradley Co, 88 Wall.....Hanover 6358

Salvage.
Interocean Submarine Engineering Co Inc, 120 Broadway .....Rector 3467
U S Brokerage & Export Co Inc (Railroad and Steamship Consignments a Specialty), 139 Maiden Lane .....John 696

Sample Binding and Sample Cards.
Steinthal M & Co, 219 Green.....Spring 4420

Sample Books and Cards.
Benze Bros Co, Est.1890, 110-112, 5th av .....Chelsea 8310
Bloom M, 116 Wooster.....Spring 8318
Perfection Sample Card Co, (Sample Books, Cards for Merchandise Display), 408-410 W Broadway .....Spring 4046

Sample Books, Color Cards & Sample Boxes.
New York Sample Card Co Inc (Sample Cards, Covers, Boxes, etc. Also Mounting Samples of Silks, Ribbons, Velvets, and all Dry Goods Specialties), 204 E 27th.....Mad Sq 4564
Steinberg S & Son, 149-153 Wooster.....Spring 5172

Sample Cards.
Elder & Turner, 43 Walker.....Franklin 1215

Sample Case Designers & Mnfrs.
Fibre Case & Novelty Co The, 274 Church.Franklin 335

Sample Cases.
Vierling A P, 21 W 3d.....Spring 8508
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Sample Cases & Bags.
Knauth Bros, 220, 4th av cor 18th...Stuyvesant 2523
See our Catalog Space, page 960

Sample Cases, Leather, Fibre & Canvas.
Fibre Case & Novelty Co The, 274 Church.Franklin 335

Sample Cutting Machines.
Burbrow & Hearne Mfg Co, 12 Wooster....Canal 8669
See our Catalog Space, page 1006

Sand & Gravel, White Quartz for Filtering and Blasting.
Quedeke D & Co Inc, 109th and East River.Harlem 438

Sand Paper, Emery Cloth & Garnet Paper.
United States Sand Paper Co (Crowell & Lebnhardt Representaties), 86 Warren.Barclay 5680

Sandals, Leggings, Shoes, Slippers & Overgaiters.
Kaufmann Emil Co, Park av & 129th.....Harlem 532

Sanitary Napkins & Napkin Slot Machines.
Crescent Specialty Co, (Patented: Absolutely Perfect Napkin and Machine), 265 Wyckoff Bklyn .....Main 3610

Sanitary Napkins and Sanitary Specialties.
Perfect Notion Co Inc, 35-39 W 35th....Greeley 5220

Sash—Cord & Twines (Braided, Twisted).
Disbrow Cordage Co, 149 Church.....Barclay 5868

Sash, Doors & Blinds.
Chelsea Lumber Co, 87 Manhattan...Morningside 2544

Sausage Casings.
Berth Levi & Co, 82 Pearl.....Broad 6451
Ettlinger M & Co, 12 Coenties Slip.....Broad 575
Oppenheimer Casing Co Inc, 47 Water....Broad 4948
Oppenheimer S & Co, 96-100 Pearl.....Broad 4410

Sawdust.
National Sawdust Co (We are always in need of Kiln Dry Hardwood Sawdust in large Quantities. Quote prices and send samples), 130 Metropolitan av, Bklyn.....Greenpoint 2560

Saws, Manufacturers.
Empire City Band Saw Blades Works, 223 E 106th .....Harlem 3794
Hoe R & Co (Chisel-tooth and solid saws) 504 Grand .....Orchard 1800

Sawsets, Bench Stops, Nail Pullers.
Morrill Chas, 100 Lafayette.....Franklin 3947

Scaffold Builders.
Chesebro Whitman Co Inc, 1167 First av..Plaza 35

Scales.
Forschner R H Co, 230, 3d av.....Gramercy 1875

Scales and Balances.
Horne Mfg Co, 50 Court, Bklyn.....Main 9758
Jacobs Bros Co Inc The, 78 Warren.....Barclay 5612
Kohlbusch Herman Sr, 170 Bway.....Cortland 370
Standard Scale & Supply Co The, 145 Chambers .....Worth 1352
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Scales—Beam.
Robidoux Joseph & Co, 194 Front.....John 3414

Scales—Counter & Platform
Empire Hardware Co, 85 Warren.....Barclay 5833

Scales, Counting.
National Scale Co, 30 Church.....Cortland 1501

Scenery.
Vail Scenic Construction Co, 320 W 24th.Chelsea 744

School Furniture.
Atlas Seating Co (Desks, Blackboards, Auditorium & Folding Chairs), 10 E 43d....Murray Hill 1384
Educational Equipment Company Inc, (New York Study Chair, Drawing Desk), 70, 5th av .....Chelsea 1568
Superior Seating Co, (Assembly room seats, School desks, etc), 141 W 42d.....Bryant 4010

School Supplies.
Baehr Eugene B, 26 East 22d.....Gramercy 3271

School Supplies for Ungraded Classes.
Steiger E & Co, 49 Murray.....Barclay 6134

School Supplies, Punches, Soap Dispensers.
Morrill Chas, 100 Lafayette.....Franklin 3947

Schools.
Bodee's Dental Trade School, 15-17 W 44th .....Vanderbilt 282
Cooperative Schools Agency, (Consultations and Catalogues of all classes of schools free. Why go further), 41 M Park Row.....Cortland 3963
New York School of Secretaries, 33 W 42d .....Vanderbilt 4039
See our Catalog Space, page 1005
Prunera Studios of the Spanish Language, (Conversation, commercial Spanish taught by correspondence), 80 Wall .....Hanover 6273
Rhodes School, 8 W 125th.....Harlem 3090
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Scoops, Hand and Scale.
Empire Hardware Co, 85 Warren.....Barclay 5833

Scrap Aluminum and Metals (Buyers of).
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Bway .....Barclay 8215
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Scrap Iron.
Keystone Metal Co Inc, 589 Kent av, Bklyn .....Wmsburg 5261
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Leaf E B Co, 50 Church.....Cortland 2656
Salzberg H E & Co, 30 Church.....Cortland 684
Sterling Iron & Steel Co, 943 Courtlandt av.Melrose 2403

Scrap Metal.
Salzberg H E & Co, 30 Church.....Cortland 684

Scrap Rubber.
Loewenthal R M & Co Inc, 51 E 42d..Murray Hill 611

Scrap Rubber, New and Old—Foreign and Domestic.
Chalfin Joseph, 47-53 West.....Bowling Green 8795

Scrapers (Earth).
Kilbourne & Jacobs Mfg Co The, 25 Broad.Broad 4699

Screens.
Protective Ventilator and Screen Corporation, 330 E 23d.....Gramercy 882
Robbins Mfg Co, 47 W 34th.....Greeley 3256

Screens, Perforated Metal.
Manhattan Perforated Metal Co, 237 Centre .....Spring 661

Screw Anchors—Expansion.
Star Expansion Bolt Co, 149 Cedar.....Rector 4655

Screw Cutting Tools and Machinery—Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

Screw Machine Products.
Acorn Screw Products & Stamping Co, 217 Centre .....Canal 642
Ericsson Screw Machine Product Co Inc, 607-609 Bergen, Bklyn.....Prospect 3487
See our Catalog Space, page 1006
Lazarides Mfg Co, 136 Liberty and 141 Cedar .....Rector 2724
Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065
Tock Screw Machine Products Corporation, 199-203, 8th, L I C.....Hunters Pt 842
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Screw Machine Products—All Kinds.
Scott J W Hardware Co, 30 Warren.....Barclay 6113

Screw Machine Products and Machined Castings.
Lazarides Mfg Co, 136 Liberty and 141 Cedar .....Rector 2724

Screw Machine Products, Stampings, Etc.
Mecca Machinery Co, 85-87 Adams, Bklyn..Main 7065
Snow & Barkley, 255 Broadway.....Barclay 6509
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Screw Machinery.
American Machinery Exchange Inc, 217 Centre .....Canal 642

NEW YORK CITY—cont'd

Screw Plates (for all purposes) Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren ..... Barclay 5532

Screws—Cap—Machine Nuts, S. F. Hex & Castled.
Empire City Screw Products Co, 12 W 62d ..... Columbus 1952

Screws—Machine Made in All Metals.
Hassall John Inc, Clay and Oakland, Bklyn ..... Greenpoint 2391

Scrub Cloths.
Lewis Samuel, 73 Barclay ..... Barclay 5406
Mussmann & Stuebe, 106-108 Worth ..... Worth 844

Scuppers—Underwriters Windproof.
Watertite Drain & Scupper Co Inc, 351 Lexington av ..... Murray Hill 7666

Seal Presses.
Everson & Reed Co, 88 Chambers ..... Barclay 8098

Seal Presses, for Lead Seals.
Morrill Chas, 100 Lafayette ..... Franklin 3947

Seal Presses, Notary and Corporation.
Moss Samuel H, 36 E 23d ..... Gramercy 5361
Brooklyn Office, 419 Fulton ..... Main 764

Sealing, Mailing & Envelope Stamping Machines.
Mail-O-Meter Sales Company, Pulitzer bldg ..... Beekman 3816

Sealing Tapes & Moisteners.
Ryan J F & Co, 52 Vanderbilt av ..... Murray Hill 988

Sealing Wax.
Davids Bros Inc, 79 Cortlandt ..... Cortland 691

Seals, Lead or Car.
Brooks E J & Co Inc, 227-229 Fulton ..... Cortland 2821

Seals—Lead & Tin (For all Purposes).
Kline N S, 61 Beekman ..... Beekman 4679

Seals & Presses (Lead, Tin, Wire for Every Purpose.
American Casting & Mfg Corp, 28 Main, Bklyn. Main 609

Seat and Upholstery Covers Automobile.
B-E Manufacturing Co The, 18-22 W 18th. Chelsea 5053

Second Hand Adding & Calculating Machines Rebuilt.
Adding Machine Inspection and Sales Co, 206 Bway ..... Cortland 6739

Second Hand Machinery.
American Machinery Exchange Inc, 217 Centre ..... Canal 642
Brearley H P, 140 Cedar ..... Rector 9448
See our Catalog Space, page 973
Terminal Machine Co, 406-408 Broome ..... Cortland 3169

Second Hand Machinery Bought & Sold.
Leaf E B Co, 50 Church ..... Cortland 2656

Second Hand Machinery & Factories Bought & Sold.
Leaf E B Co, 50 Church ..... Cortland 2656

Seed Bag Manufacturers.
Miller, Tompkins & Co, 487 Washington ..... Canal 9075

Seeds.
Nungesser-Dickinson Seed Co, 30 Church. Cortland 3604

Seedsmen, Growers, Importers, Exporters.
Woodruff S D & Sons, 82 and 84 Dey ..... Cortland 2482

Sending Machines.
Vibroplex Co Inc The, 253 Bway ..... Barclay 6895
See our Catalog Space, page 1020

Settees, Parks & Cemeteries.
Fiske J W Iron Works, 78-80 Park pl ..... Barclay 6730

Sewing Machine Needles.
Durbrow & Hearne Mfg Co, 12 Wooster ..... Canal 8669
See our Catalog Space, page 1006
National Sewing Machine Co, 290 Broadway ..... Worth 3533

Sewing Machines.
Durbrow & Hearne Mfg Co, 12 Wooster ..... Spring 9797
See our Catalog Space, page 1006
Merit Machine Manufacturing Corp, (Sewing Machine Parts in Large Quantities is Our Specialty), 465 Greenwich, 9th av Elevated Desbrosses St Station ..... Canal 9128

Sewing Machines (Manufacturers).
National Sewing Machine Co, 290 Broadway ..... Worth 3533

Shafting.
Aborn Steel Co Inc, 22 Clarke ..... Spring 6795
Union Drawn Steel Co, 460 Washington ..... Canal 9260

Shapes & Elevator Guides.
Union Drawn Steel Co, 460 Washington ..... Canal 9260

Shaping Machines.
American Machinery Exchange Inc, 217 Centre ..... Canal 642
Terminal Machine Co, 406-408 Broome ..... Cortland 3169

Shawls & Scarfs, Importers & Manufacturers.
Hanhart E, 396 Broadway ..... Franklin 2837

Shears and Scissors.
Austin Walker Sales Co (H Clauss Cutlery Co), 215 Fourth av ..... Stuyvesant 3211

Sheathing Paper.
Brown Company, Woolworth bldg ..... Barclay 6185

Sheet Iron Work.
Century Ventilating Co Inc, 257 Third av. Gramercy 4560

Sheet Metal Cabinets, Shelving and Stamping.
Columbia Metal Box Co, 224 E 144th ..... Melrose 6241

Sheet Metal Constructors and Engineers.
Mandell-McIver Co (Ventilating Dust Collecting Smoke Breeching, Specialties), 1805, 1st av ..... Lenox 5735

Sheet Metal Testing Machines.
Holz Herman A, 1 Madison av ..... Gramercy 181

Sheet Metal Workers' Tools and Machines.
Weiss H & Co, 83 John ..... Beekman 540

Sheet Steel.
Crouch W J Co Inc, 253 Broadway ..... Barclay 4216

Sheetings (Sanitary)—Infants Goods.
Ono Mfg Co (DeGraff & Palmer) 881 Bway ..... Gramercy 267

Sheetings—Transparent and Colored.
Arlington Company (Py-ra-lin), 725 Bway. Spring 9900

Sheets Aluminum, Lead, Zinc and Copper.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway ..... Barclay 8215
See our Adv., page 32, first page opposite Section 1

Sheets, Black & Galvanized, Plain & Corrugated.
Carey Geo H, 1 Broadway ..... Bowling Green 9167

Sheets, Black & Galvanized, Steel and Toncan Metal.
Berger Mfg Co The, se cor 22nd & 11th av. Chelsea 1408

Sheets & Pillow Cases "Cotton".
Simons Ernest Mfg Co, 25 Madison av ..... Mad Sq 8038

Shelving and Bins for Storage—Steel.
Berger Mfg Co The, se cor 22nd & 11th av. Chelsea 1408

Shelving—Steel.
Durand Steel Locker Co, 132 Nassau ..... Beekman 1182

Shingles Asphalt.
Asphalt Ready Roofing Co, 9 Church ..... Cortland 3543
Barrett Company The, 17 Battery pl ..... Rector 600

Shingles, Cedar.
Brown Company, Woolworth bldg ..... Barclay 6185

Shingles, Multi.
Barrett Company The, 17 Battery pl ..... Rector 600

Ship Brokers.
Kleppe, Ostervold & Co Inc, 11 Broadway ..... Bowling Green 9178
New York Ship Brokerage Co Inc, 30 East 42d ..... Murray Hill 3558

Ship Builders.
Bayles Shipyard Inc, Port Jefferson L I ..... Port Jefferson 225

Ship Builders, Barges, Scows, Floats.
American Car & Foundry Co, 165 Broadway ..... Cortland 8100

Ship Builders' List.
Wendel H F (Guide of 200,000 Manufacturers, List of 2,000 Export—Commission Houses, List of over 1,000 U S and Canada Shipbuilders), Bennett bldg, 93 Nassau ..... Cortland 7630

Ship Chandlers.
Atlantic Sales Co, 29 Broadway ..... Whitehall 979
Steward Davit & Equipment Corp, 17 Battery pl ..... Rector 6679
See our Catalog Space, page 1007

Ship Owners.
Kleppe, Ostervold & Co Inc, 11 Broadway ..... Bowling Green 9178

Ship Yard Machinery.
Olney Geo H & Co, 50 Church ..... Cortland 3756

Shipping Agents.
Transatlantic Shipping Co Inc, (Export Specialists, War Insurance, Freight Brokers), 109 Broad ..... Broad 4262

Shipping Guide.
Shippers Guide Co The, 13 Park Row ..... Barclay 8118

Shipping, Packing, Moving & Storage of Household Goods.
Harlem Storage Warehouse Co Inc, 211-13 E 109th ..... Lenox 850
See our Catalog Space, page 1011

Shipyard & Dry Dock Supplies.
Atlantic Sales Co, 29 Broadway.....Whitehall 979

Shirt Manufacturers, Negligee and Flannel.
Loewy J & Co, 594 Broadway.....Spring 3646

Shoe Findings.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway.....Rector 5720

Shoe Laces and Shoe Trimmings.
Vanity Shoe Lace & Novelty Works The, 68 Varet, Bklyn.....Stagg 4523

Shoe Laces, Tapes, Webbing and Belting.
American Cord & Webbing Co, 105 HudsonFranklin 4109

Shoe Machinery.
Fortuna Machine Co, 127 Duane.....Worth 5354

Shoe Polish.
Bixby S M & Co, 46th and 2nd av, Bklyn..Sunset 4400
Fulton Shoe Polish Co Inc, 289 Pearl...Beekman 3581

Shoe Polish Colors.
Horgan William J, 6 Platt.....John 1625

Shoe Polishing Paste.
Laraia Manufacturing Company, 59 Pearl...Broad 3060

Shoes, Mnfrs.
Laird Schober & Co, Fifth Av bldg.....Mury Hill 3406

Shoes, Mnfrs. (Children's Stitch-Downs).
Hal-Green Co Inc, 55 W 17th.....Chelsea 2806

Shooks.
Melcher J R, 25 Beaver.....Broad 3153

Shoring Contractors.
Friestedt Underpinning Co, Woolworth bldg.....Barclay 5644

Shoring Engineers.
Miller Daybill & Co, 308 Av B.....Gramercy 1102

Show Cards.
Salzer & Co, 100 Nassau.....Beekman 3259
See our Catalog Space, page 1007

Show Cards & Price Tickets for Window Display.
Fogelson Harry Inc, (Hand Made, Printed, Lithographed. Any Quantity), 125 Fulton.Beekman 2787
Strand Art Service, 120 W 42d.....Bryant 7786

Show Cards, Signs, Plate Printers, Lithographers.
Isoskin Ed Inc, 230 West 17th.....Chelsea 6438

Show Cases.
Manhattan Show Case Co, 345 Canal.....Canal 3766

Sign Makers—Indoor Display.
& B Sign Co Inc (Glass, Cardboard, Metal and Small Electric Signs. Window Display Attractions. Distributing Service), 341-347, 5th av.....Vanderbilt 5942

Signs.
Robot Ready Made Signs, 25 E 26th.....Mad Sq 2685
Ingram-Richardson Mfg Co, 100 William....John 2394
Elke-L-D-Signs-New York, 23 E 26th....Mad Sq 2686
Klim Brothers Company The (Manufacturers Decalcomania Transfers of every Description) 71-73 Murray.....Barclay 5969
Shank E A Sign Co ("Sign Headquarters" every kind for Advertising), 19 Park pl.Barclay 6484
See our Catalog Space, page 1008
Sweeney Sign Printing Co, 251 W 19th.Farragut 4795
See our Catalog Space, page 1008

Signs—Adamant.
Adamant Steel Sign Co, 16 Murray.....Barclay 6484
See our Catalog Space, page 1008

Signs, Advertising.
Shank E A Sign Co, 19 Park pl.....Barclay 6484
See our Catalog Space, page 1008

Signs, Aluminum and Brass Etched.
Miller & Miller, 17 West 42d.....Vanderbilt 1235

Signs, Changeable.
Tablet & Ticket Co The, 881 Bway.....Franklin 2411

Signs, Electric.
City Electric Sign Co (Builders of Illuminating Signs-Every Description) 444 E 13th.Forsyth 9256

Signs, Enamel Window Letters, Name & Number Plates.
Manhattan Dial Mfg Co, 40 Lexington av, Bklyn.....Prospect 1830

Signs, Metal Changeable Letter.
Clark W L Co The, 115 Nassau.....Cortland 3577

Silk (Mnfrs.)
Reiling & Schoen Inc, 260, 4th av.....Gramercy 4277
Smith & Kaufmann (Silks, Ribbons and Hat Bands), 19 East 26th.....Mad Sq 9550

Silk (Manufacturers, Converters and Distributors).
Schlesinger Max, 108 E 23rd.....Gramercy 6306

Silk Bolting Cloth.
Traber A P (Sole Importer Wydler Silk Bolting Cloth) 320-324 Broadway.....Worth 2087

Silk Cords and Tassels.
New York Tassel & Cord Co Inc, 35 Howard.....Canal 8618

Silk Dyes.
Sparks John C, 30 Church.....Cortland 1489

Silk Fabrics.
Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

Silk Underwear (Ladies) Petticoats.
Jackson Style Co Inc, 33 E 22d.....Gramercy 4387

Silver Plated Ware.
Bruml Henry Co The, 110 Liberty.....Rector 2083

Silver and Plated Wares—Also Hotel & Premium Silver
Wallace R & Sons Mfg Co (R A Clinchy Mgr) 411, 5th av.....Murry Hill 8616

Silver—Refiners & Dealers in Sterling & Fine.
Handy & Harman, 59 Cedar.....John 4338

Silversmiths.
Rogers, Lunt & Bowlen Co, 15 Maiden Lane.....Cortland 3178

Silverware for Hotels & Confectioners (Nickel—Silver).
Nietman Louis, 172-174 Lorimer, Bklyn.....Wmsburg 3937

Silverware for Hotels, Restaurants and Lunch Rooms.
Gotham Silver Co Inc, 209-13 W 48th....Bryant 6429

Silverware Manufacturers (Sterling).
Anco Silver Co, 29-31 East 22d.....Gramercy 2613

Sinks, Pantry.
Badger E B & Sons, 101 Park av.....Vanderbilt 1719

Sisal Extracting Machinery.
Prieto Machine Co Inc, 289 Pearl.....Beekman 3581

Skewer & Candy Stick Mfrs. (Maple, Hickory, Gum).
Estes E B & Sons, 362, 5th av.....Greeley 4820

Skirts (Wash).
Freedman Skirt Co, Bush Terminal bldg No 20, Bklyn.....Sunset 3811

Skylight Covers—Wire.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688

Skylight Gearing.
Weiss H & Co, 83 John.....Beekman 540

Skylights.
Chrystie Cornice & Skylight Works Inc The, 189 Chrystie.....Orchard 5867
Keppler Glass Constructions Inc, 101 Park av.....Murray Hill 7156

Slate (Manufacturers).
American Slate Works Inc, (Manufacturers of Marble Slate & Tile), 514 E 13th.Forsyth 9235
New York Slate Works The, 255 E 135th.Melrose 3253
Rising & Nelson Slate Co, (Miners, Dealers, all kinds roofing slate), 101 Park av..Vandrblt 4880

Slide Advertising in Motion Picture Theatres.
Novelty Slide Co, 115 E 23d.....Gramercy 3672

Slide Door Hardware—Show and Wall Case.
Voigt Albert Mfg Co, 40-42 S 8th Bklyn.Wmsbg 2227

Slides.
Scott & Van Altena, 6 E 39th.....Vanderbilt 5062

Slides, Mika Glass.
Greater New York Slide Co Inc, 154 W 45th.Bryant 2825

Slipper Manufacturers.
Brooklyn Slipper Co The (Slippers, Bathing Shoes, Bare-foot Sandals) 181-189 Belmont av, Bklyn.....East N Y 5382

Slipper Ornaments.
Rothschild & Co, 30 W Houston.....Spring 8736

Slippers.
Stone K M Importing Co (Footwear, Oriental and Domestic, Novelties), 12 East 22d..Gramercy 122

Slitting and Rewinding Machinery.
Cameron Machine Co, 61 Poplar, Bklyn.....Main 343

Smelters.
Standard Smelting & Refining Co, 547-549 W 21st.....Farragut 3630
Union Smelting & Refining Co Inc, 604-608 E 19th.....Gramercy 6699
See our Catalog Space, page 1008

Smelters & Refiners.
Hess Barney, 92-96 Van Dyke Bklyn...Hamilton 178

Smelters and Refiners (White Metal Drosses).
Central Smelting & Refining Co, 137th and Rider av.....Melrose 4185
Lissberger Marks & Son Inc, 281 Borden av, L I C.....Hunters Point 1497

Smoke Stacks.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424
Standard Sheet Metal Works, (Sheet Iron Work of Every Description) 1 Canal pl.Melrose 9412

Smoke Stacks and Boiler Breechings.
Century Ventilating Co Inc, 257, 3d av.Gramercy 4560

Smoke Stacks and Flues—Steel.
Fogarty Michael Inc, 531 W 33d.....Greeley 3465

NEW YORK CITY—cont'd

Smoke Stacks—Tanks—New and Rebuilt.
Olney Geo H & Co, 50 Church.....Cortland 3756

Smokers' Articles.
Hamilton Pipe Works Inc, 18-20 Sackett st, Bklyn .....Hamilton 1435
Schimper William & Co, 33 Union Sq W.Stuyvsnt 214

Smokers Articles (Brass) in Enamel Colors.
Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

Snap Buttons & Snap Button Attaching Machines.
Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

Soap Chips.
Thomson J M & Co Inc, 521 Broome.....Spring 3720

Soap Colors.
Horgan William J, 6 Platt.....John 1625

Soap Dispensers.
Morrill Chas, 100 Lafayette.....Franklin 3947
Re-Be Soap Co Inc, 1 Union sq.....Stuyvesant 929

Soap Makers Raw Materials for Perfumery.
Florasynth Laboratories Inc, 231 Pearl....John 5303

Soap Materials, Tallow, Grease, Etc.
Welch Jas H & Ambrose Inc, N Y Produce Exch .....Broad 961

Soaps.
Federal Supply & Mfg Co Inc, The, 2 Stone.Broad 2433
Holbrook Mfg Co The, Coles and 18th, Jersey City .....Cortland 4518

Soaps, Manufacturers.
Granite City Soap Company Inc (Specialty Private Brands, Also Boiler Compounds), 120 Broadway .....Rector 9174

Soaps, Manufacturers—Liquid.
Clifton Chemical Co, 317-319 Greenwich..Worth 1680
Frank P M Disinfecting Co, 91 Bleecker...Spring 8250

Soaps, Scouring & Scouring Powder, Mfrs. & Exporters.
Domestic Soap Mfg Co, 113-119 Sixth, L I C.....Hunters Pt 3816

Soda (Caustic Solid Fused 74-76 Percent).
Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

Soda (Tri-Sodium Phosphate—Caustic Soda—Soda Ash).
Thomson J M & Co, Inc, 521 Broome.....Spring 3720

Soda Ash.
Partola Mfg Co, 160, 2d av.....Orchard 8346
Thomson J M & Co Inc, 521 Broome.....Spring 3720
U S Chemical Exchange, 59 Pearl.....Broad 7250

Soda Fountains.
Braunstein Bros Soda Fountain Co, 195-201 Canal .....Franklin 2881

Soda Fountains, Manufacturers.
Petigor M H, 216 E 42d.....Vanderbilt 5512

Sodium Acetate.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Sodium Benzoate.
Tower Chemical Co Inc, 258 Broadway...Barclay 4777

Sodium Phosphate, Monobasic, Dibasic, Tribasic.
Warner Chemical Co The, 52 Vanderbilt av .....Murray Hill 262

Soil Pipe.
Central Foundry Company The, 90 West..Rector 1860
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Solder.
Central Smelting & Refining Co, 137th and Rider av.....Melrose 4185
Lissberger Marks & Son Inc, 281 Borden av, L I C.....Hunters Point 1497
Union Smelting & Refining Co Inc, 604-608 E 19th .....Gramercy 6699
See our Catalog Space, page 1008
United Smelting & Aluminum Co Inc (Mfrs U S Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv. page 32, First Page Opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

Solder Manufacturers, Lead, Spelter & Babbitt Metal.
Standard Smelting & Refining Co, 547-549 W 21st.....Farragut 3630

Soldering Fluid—Non Corrosive.
Callahan Geo & Co, 218 Front.....Beekman 3893

Sole Leather.
Alexander Bros, 149 Broadway.....Cortland 4750

Soluble Cotton Solution.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Solvent Naptha.
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Souvenirs.
Bruml Henry Co The, 110 Liberty.....Rector 2083

Souvenirs, Balloons—Large Line Adv. Novelties.
Caldwell William & Co, 96 Warren.....Barclay 6265

Souvenirs, Balloons, Paper Hats, Noise Makers.
House of Souvenirs, 840 Broadway...Stuyvesant 265

Souvenirs—Leather Goods.
Simmons N, 37 E 12th.....Stuyvesant 2105

Souvenirs, Short Story Booklets.
Eggers John H Co Inc (Illustrated Miniature Short Story Booklets, Cards and other printed novelties for children and grown-ups, Cardboard Toys), 461, 8th av.....Greeley 1010
See our Catalog Space, page 977

Spelter.
Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway .....Barclay 8215
See our Adv page 32 first page opposite Section 1
Wenger Paul & Co, 100 Broadway.....Rector 5083

Spices.
Lincoln John W & Co, 106 Wall.....John 298
McLaughlin Gormley King Co, 207 Pearl...John 536

Spices, Rice Tapioca for Export—Potato & Rice Flour.
Armstrong Chas E, 5 State.....Bowling Green 9190

Spiral Gravity Chutes.
Minnesota Manufacturers' Association, 30 Church .....Cortland 4541

Sponges.
American Sponge & Chamois Co Inc (Established 1869, Importers and Exporters), 73-75 Wooster .....Spring 3832
Bloch Albert & Sons, 101 Barclay.....Barclay 5279
Mills H M Sponge Co, Inc (Rock Island Sponges Direct from Fisheries. We Sell Service and Purity-Not Price. By the Piece Our Specialty) 1966 Broadway .....Columbus 9270

Sponges and Chamois.
Lewis Samuel, 73 Barclay.....Barclay 5406

Spool Cotton.
Cairo Thread Works, 105-113 Wooster....Spring 3771

Spool Cotton and Threads.
Brodsky M & Co Inc, 625 Broadway.....Spring 6624

Spool Silk, All Mnfg. Trades.
Holland Mfg Co, 685 Bway.....Spring 646

Sporting Goods.
Everlast Mfg Co (Mnfrs of Baseball Uniforms and Bathing Suits. Supplies for Summer Sports) 275 Bowery .....Orchard 5416

Sporting Goods—Wholesale.
Shulman & Sons, 109-111 Ludlow.....Orchard 5827

Spring Steel in Bars, Coils and Sheets.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795

Spring Water.
Manitou Mineral Water Company The, 225, 5th av .....Mad Sq 903
See our Adv on Backbone and page 980

Springs.
Fischer Chas Spring Co, 473-485 Kent av Bklyn .....Wmsburg 4477
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Springs, Manufacturers.
Coil Spring Co, 242 Canal.....Franklin 5072
Eureka Spring Co The, 150 Bleecker.....Spring 7539
L & W Spring Co, 211-215 Centre.....Canal 8977
Morris Elmer P, 136 Liberty.....Rector 826
New York Wire & Spring Co (Specialists in Vanadium Steel Springs, Highest Efficiency Under the Most Exacting Specifications) 586-588 Washington .....Spring 8496
Nonpareil Spring Co, 819-21 Palmetto Bklyn .....Evergreen 2967
United Spring Co (Manufacturers of High Grade Springs for all Purposes, Special Springs to Order), 206 Centre.....Canal 8665

Sprinklers, Automatic Chemical.
Fire Fighting Devices Co (Non-freezing, non-destroying) 70, 5th av.....Chelsea 7070

Sprinklers, Unit Automatic.
Fire Fighting Devices Co (Non-freezing, non-destroying) 70, 5th av .....Chelsea 7070

Stable Fittings.
Fiske J W Iron Works, 78-80 Park pl..Barclay 6730

Stage Lighting.
Bailey Reflector Company, 489, 5th av.Vanderbilt 3044

Stains.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 80 Maiden Lane .....John 6444
Montauk Paint Mfg Co, 170-172, 2d av, Bklyn .....South 5076

Stains (Colors for).
Horgan William J, 6 Platt.....John 1625

Stair Treads (Safety).
American Abrasive Metals Co, 50 Church.Cortland 7441

Stairs, Iron, Spiral and Straight.
Gerdes & Company Inc (Ornamental Iron Work, Fences, Railings, Grilles), 28 Church.Cortland 7673

Stamp Affixers and Envelope Sealers.
Lyon Orrin S Co (Hand and Power Machines Sold, Exchanged) Metropolitan bldg 1 Madison av .....Gramercy 1156
Mail-O-Meter Sales Company, Pulitzer bldg .....Beekman 3816

Stampers & Embossers.
Benze Bros Co Est, 1890, 110 112 Fifth av .....Chelsea 8316

Stamps, Letters & Figures—(Steel) Mnfrs.
Keene Fred H, 149 Church.....Barclay 7195

Stamps, Rubber.
Everson & Reed Co, 88 Chambers.....Barclay 8098

Stand Pipes Steel.
Walsh & Weidner Boiler Co The, 11 Bway.....Bowling Green 8074

Staple Binders and Staples.
Cook M S 253 Broadway.....Barclay 6926
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Starch and Dextrine.
National Gum & Mica Co, 59th & 11th av.....Columbus 9700

Stationers.
O'Brien J J & Son, 122 E 23rd.....Gramercy 5920

Stationers (Mfg. & Whsle.)
Beegee Company (Erasers, Clutch Pencils & Specialties), 1133 Broadway.....Farragut 8985
See our Catalog Space, page 910

Stationers (Wholesale).
Eulow Co Inc, 362 Broadway.....Franklin 1414

Stationers, Bank & Commercial.
Wilbur & Hastings, 82 Fulton.....Beekman 1777

Stationers' Brass and Glass Desk Accessories.
Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

Stationers' Supplies, Punches, Soap Dispensers.
Morrill Chas, 100 Lafayette.....Franklin 3947

Stationery and School Supplies—Wholesale.
Shulman & Sons, 109-111 Ludlow.....Orchard 5827

Statuary.
Daprato Statuary Co, 51 Barclay.....Barclay 6598

Staves, Headings and Hoops.
Melcher J R, 25 Beaver.....Broad 3153

Steam Boilers, Repairing A Specialty.
Fogarty Michael Inc, 531 W 33d.....Greeley 3465

Steam Condensers.
Whinery S B, 95 Liberty.....Cortland 5326

Steam Fitters.
Siebelich H & Co, 653 W 181st.....St Nicholas 2870

Steam Joint Cement.
Callahan Geo & Co, (Callahan's Old Reliable Steam Joint Cement), 218 Front....Beekman 3893

Steam Packing—Wholesale and Retail.
Strong Machinery & Supply Co, 21 WalkerFranklin 5530

Steam Traps.
Sarliss Valve Steam Trap (Plant Engineering & Equipment Co), 6 Church.Cortland 6451

Steam Turbines.
Whinery S B, 95 Liberty.....Cortland 5326

Steamer Rugs.
Curtis & Von Bernuth Mfg Co, 88 West Broadway.....Barclay 7110
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Steamship Agents.
Cosmopolitan Shipping Co, Inc, 115 Broadway.....Rector 7850
Hoppe Ostervold & Co Inc, 11 Broadway.....Bowling Green 9178

Steamship Brokers.
New York Ship Brokerage Co Inc, 30 E 42d.....Murray Hill 3558

Steamship Electrical Fixtures.
Coates-Kendall Corporation, 50 Church...Cortland 6864
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Steamship Supplies.
Kessel Henry A Company, 25 Pearl.....Broad 3325

Stearic Acid.
Gross A & Co, 90 West.....Rector 1521

Steel.
Aborn Steel Co Inc, 22 Clarke.....Spring 6795
Brushaber C H & Co Inc, 30 Church....Cortland 1868
Century Steel Co of America Inc, 120 Bway.Rector 6190
Chandler & Floyd Inc, 501, 5th av.....Murray Hill 370
Darwin & Milner Inc, 156 Broadway....Cortland 1956
Federal Tool & Alloyed Steel Corporation, 12 Platt.....John 6480
Pope Trading Corp Inc, 90 West.....Rector 2436

Steel Balls.
Acme Bearings Co, 1790 Broadway.....Columbus 5930
Gwilliam Co The, 253 W 58th.....Columbus 8355
New York Bearings Co, 311 W 59th....Columbus 736

Steel Barrels.
Trageser John Steam Copper Works, 447-457 W 26th.....Chelsea 8140

Steel Bar—Round Squares, Twisted Squares.
Sweets Steel Company (J H Finch, District Sales Mngr), 2 Rector.....Rector 440

Steel Castings.
Detroit Steel Casting Co (P J Ryan, Rep) 30 Church.....Cortland 1809

Steel Castings, All Kinds, Plain or Machined.
Pennell J F, 45 Broadway.....Rector 2729

Steel—Cold Drawn.
FitzSimons Co The (Edward Caterson, District Sales Mgr) 17 Battery pl.....Rector 9676
Union Drawn Steel Co, 460 Washington....Canal 9260

Steel Enamel Ware.
New England Enameling Co The, 200 Fifth av.....Gramercy 5828

Steel for Export (All Classes).
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Steel Forgings, All Descriptions.
Hammond Steel Company Inc (P J Ryan, Rep) 30 Church.....Cortland 1809

Steel and Iron.
Pittsburg Steel Export Co, 253 Broadway.Barclay 3436
Ryerson Joseph T & Son, 30 Church and West Side av Jersey City.....Cortland 8650

Steel and Iron Bars.
Crouch W J Co Inc, 253 Broadway.....Barclay 4216

Steel & Iron—Export Shipments, Bars, Sheets, Etc.
Railway Specialties Corp, 30 Church....Cortland 3602

Steel and Iron for Export (All Classes).
Douglas Geo B, 29 Broadway.....Whitehall 396
See our Catalog Space, page 963

Steel Letters & Figures—Mnfrs.
Keene Fred H, 149 Church.....Barclay 7195

Steel Lockers.
Durand Steel Locker Co, 132 Nassau...Beekman 1182

Steel Plate Work.
Petroleum Iron Works Company of Ohio The, 50 Church.....Cortland 3492

Steel Plate Work (Blast Furnaces, Speel Plate Work)
Walsh & Weidner Boiler Co The, 11 Bway.....Bowling Green 8074

Steel Plates.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Steel, Plates and Sheets.
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

Steel Products for Domestic and Export.
Carey Geo H, 1 Broadway.....Bowling Green 9167

Steel Rails.
Sweets Steel Co, (J H Finch, District Sales Mngr), 2 Rector.....Rector 440

Steel Rails & Accessories—Light & Heavy Sections.
Sweets Steel Co (J H Finch, District Sales Mngr), 2 Rector.....Rector 440

Steel Reinforcing Bars.
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

Steel Risers with Treads and Stair Strings.
Standard Steel Sections Inc, 608 E 133rd.....Melrose 1966
See our Catalog Space, page 1009

Steel—Rock Drill.
Darwin & Milner Inc, 156 Broadway.....Cortland 1956
International High Speed Steel Company (Bulldog Special, Hollow & Solid) 99 Nassau.Cortland 5019

Steel Rolling Doors and Shutters.
Brodie William H Co, 38 Park pl.....Barclay 7616

Steel Rolling Doors & Shutters, Geared or Coiling.
Cornell Iron Works, 26th & 11th av.....Chelsea 1423

Steel Sheet.
Crouch W J Co Inc, 253 Broadway.....Barclay 4216

Steel Sheets, Black & Galvanized.
McVoy Sheet & Tin Plate Co, Grand Central Terminal bldg.....Murray Hill 1507

Steel Shelving.
Durand Steel Locker Co, 132 Nassau...Beekman 1182
National Scale Co, 30 Church.....Cortland 1501

Steel Shelving, Cabinets, Tables & Equipment.
Columbia Metal Box Co, 224 E 144th....Melrose 6241
National Metal Products Co, 23d and 1st av.....Gramercy 6520

Steel Spring Wire.
Page Steel & Wire Company, 30 Church.Cortland 3541

Steel Spring Wire (Music).
Aborn Steel Co Inc, 22 Clarke.....Spring 6795

Steel Stamps.
Moss Henry & Co, 37A Beaver.....Broad 5011
Moss Theo & Co, 82 Broad and 1143 DeKalb av, Bklyn.....Broad 912

Steel Stamps—Letters & Figures—Mnfrs.
Keene Fred H, 149 Church.....Barclay 7195

Steel Stamps and Stencils.
Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

NEW YORK CITY—cont'd

Steel Storage Tanks.
Trageser John Steam Copper Works, 447-457 W 26th ..... Chelsea 8140

Steel, Structural.
National Bridge Works, Review av, L I City ..... Hunters Point 3966
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City ..... Cortland 8650

Steel, Structural, Fabricators (Mill Buildings, etc.)
Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

Steel Tanks.
Aetna Steel Products Co Inc, 30 Church .. Cortland 6424
Mecca Machinery Co, 85-87 Adams, Bklyn ... Main 7065

Steel Wool.
Brillo Manufacturing Co, 517-521 W 45th . Bryant 1195

Steeple Jacks, Flag Poles & Stacks Painted.
Stanley E J, 338 E 56th ..... Plaza 2418

Stencil Cutting Machines.
Bradley Stencil Machine Co (A J Bradley, Mgr), 101 Beekman ..... Beekman 5579
Diagraph Stencil Machine Corp, 96 Warren . Barclay 5187
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander), 66-72 Leonard st ..... Franklin 1329
See our Catalog Space, page 1010

Stencil Ink Colors.
Horgan William J, 6 Platt ..... John 1625

Stencil and Marking Inks.
Botts Marking Ink Co The, 330 Pearl ... Beekman 4639
See our Catalog Space, page 961
Diagraph Stencil Machine Corp, 96 Warren . Barclay 5187
See our Catalog Space, page 1010
Garvey's Inks & Brushes (W H Alexander), 66 Leonard ..... Franklin 1329

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corp, 96 Warren . Barclay 5187
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander), 66-72 Leonard st ..... Franklin 1329
See our Catalog Space, page 1010

Stencils.
Moss Henry & Co, 37A Beaver ..... Broad 5011

Stencils, Cutters & Dealers.
Bishop Thomas H, 126 William ..... Beekman 672
Everson & Reed Co, 88 Chambers ..... Barclay 8098
Gottscho Adolph, 314 Greenwich ..... Worth 819
Moss Samuel H, 36 E 23d ..... Gramrcy 5361
Brooklyn Office, 419 Fulton ..... Main 764
Rapid Stencil Works, 1 Worth ..... Franklin 5490

Stencils—Signs, Badges, Etc.
Reese S W Co, 44 Vesey ..... Cortland 3097

Stenographers.
Davidson C E (Patent Testimony, Technical Shorthand, Notary Public), 120 Broadway .. Rector 1353

Stereopticons and Slides For Sale or Rent.
Novelty Slide Co, 115 E 23d ..... Gramercy 3672
Riley Optical Instrument Co Inc, 150, 5th av ..... Chelsea 725

Stereotypes Matrix.
Whitfield Paper Works (Only Successful American Tissue Guaranteed Deliveries), 33-37 Sullivan ..... Spring 27

Stereotyping and Electrotyping Machinery.
Mecca Machinery Co, 85-87 Adams, Bklyn ... Main 7065

Sterilizing Apparatus.
Kny-Scherrer Corporation The, 104-110 W 27th ..... Chelsea 5449

Sterilizing Apparatus—Manufacturers of.
Hospital Supply Co The, 53-55, 5th av . Stuyvesant 746

Stickers & Labels (Gold, Colors, Plain, Embossed, Gummed).
Tablet & Ticket Co The, 381 Broadway . Franklin 2411

Stills.
Badger E B & Sons Co, 101 Park av .... Vandrbit 1719

Stills—Copper.
Gerdes & Company Inc, 28 Church ..... Cortland 7673

Stock Brokers.
Mandeville H L, 120 Broadway ..... Rector 7558
Shearson, Hammill & Co, 71 Bway . Bowling Green 9920

Stocks and Dies (for bolts and pipe) Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren ..... Barclay 5532

Stokers.
Green Engineering Co, 50 Church ..... Cortland 6543

Stokers—Automatic.
Murphy Iron Works, Woolworth bldg ..... Barclay 6393

Stokers—Model Automatic.
Automatic Furnace Co, 30 E 23d ..... Gramercy 5115

Stone, Blue Stone & Granite.
Rheinfrank Building Material Co, Est 1877, 620 E 14th ..... Forsyth 9280

Stone Cutters & Dealers.
McLaren James & Sons, 611 Court, Bklyn . Hamilton 465

Stone Machinery.
Meyers Willard F Machine Co Inc (Stone Cutting & Marble Working Machinery) 614-622 Hamilton L I C ..... Astoria 1657

Storage.
Bahr H D Trucking & Warehouse Co, 285 E 137th ..... Melrose 8616
See our Catalog Space, page 1012

Storage, (Shipping, Packing & Moving of Household Gds)
Harlem Storage Warehouse Co Inc, 211-13 E 100th ..... Lenox 850
See our Catalog Space, page 1011

Storage (Warehouses).
Dochterman Van & Express Co The (Established over 40 Years-Storage-Moving) 457-471 E 10th ..... Orchard 4630

Storage (Warehouses, for Merchandise).
Josephie George Co Inc The, 227-229 Water ..... Beekman 3579

Storage Batteries.
American Eveready Works, Thomson & Orton Sts, L I City ..... Hunters Point 5100
Marko Paul M & Co Inc, 1191 Bedford av, Bklyn ..... Bedford 7200

Storage Batteries for all Purposes.
Multiple Storage Battery Co, 427 W 50th ..... Columbus 236

Storage Tanks—Steel.
Aetna Steel Products Co Inc, 30 Church .. Cortland 6424

Store Fixtures.
Halbren J & Son (Manufacturers & Dealers—Store & Office Fixtures, Drug Store Fixtures our specialty. Complete interiors for all business purposes) 141 Bowery ..... Orchard 5112
New York Wood Working Corporation, 506 E 19th ..... Gramercy 3239
See our Catalog Space, page 1026

Store Fronts.
Anderton Edward K (Established 1845. Bars and Covered Mouldings of all Metals & Designs), 210 Grand ..... Canal 8792
Fells, Noah (Metal Sash Corner Bars, for Store Front Construction. All Kinds of Mouldings), 29 Cooper sq ..... Orchard 8571

Stove and Heater Repairs.
Russ & Krekel Co, 97 Beekman ..... Beekman 2433

Stoves—Torches—Furnaces (Kerosene Oil Pressure).
General Maintenance Co, 70 Murray ..... Barclay 6490

Strainers, Gasoline Oil, Etc.
Sage Bros Inc, 780 Union, Bklyn ..... South 5200

Straps, Box Fibre.
West Virginia Pulp & Paper Co (Pulp Products Dept), 200, 5th av ..... Gramercy 5400

Straw Colors.
Horgan William J, 6 Platt ..... John 1625

Stretchers & Litters.
Telescope Cot Bed Co The, 535 E 79th ..... Lenox 7500

Structural Steel.
Aetna Steel Products Co Inc, 30 Church .. Cortland 6424
Crouch W J Co Inc, 253 Broadway ..... Barclay 4216

Structural Steel and Ornamental Iron Works.
Fassler & Klein Iron Works, 118, 9th, L I C ..... Hunters Point 575

Sugar Machinery.
Aetna Steel Products Co Inc, 30 Church .. Cortland 6424
Engel Godfrey Sr Construction Co, 30 Church ..... Cortland 8421
See our Catalog Space, page 1012
Gerdes & Company Inc (Pans, Crystallizers, Defectators, Retorts), 28 Church .... Cortland 7673

Sugar Machinery, Char Kilns, Dryers, Evaporators.
Steacy-Schmidt Mfg Co, 50 Church .... Cortland 4056

Sugar and Syrups.
Nulomoline Company The (Honey of Sugar), 111 Wall ..... Hanover 7294
See our Advertisement Inside Front Cover

Suit Case Mnfrs.
Laitman S & Sons, 657 Broadway, Bklyn ..... Stagg 5166

Suit Cases, Traveling Bags, Brief Cases & Portfolios.
Galewski S, 261-267 Canal ..... Canal 9209

Sulphate of Alumina.
Coff-Garrod Co Inc, Woolworth bldg .... Barclay 4576

Sulphur and Brimstone.
Beggs E J & Co, 92 William ..... John 3170

Sulphur Chloride.
Warner Chemical Co The, 52 Vanderbilt av ..... Murray Hill 262

Sulphur Producers.
Union Sulphur Company The, 17 Battery pl . Rector 8460

Surety Bonds.
National Surety Company (Daniel A McCann, Vice Pres), 192 Montague, Bklyn ..... Main 4480
National Surety Company (Home Office), 115 Broadway ..... Rector 8000
Sage Henry J Company, 120 Broadway ..... Rector 1074

Surgical Appliances.
Eisen Wm M Co, 412, 8th av nr Penn Depot ..... Chelsea 3372
Linder Robt, 148 E 53d ..... Plaza 7206

Surgical, Dental & Veterinary Instrument Mnfrs.
Knauth Bros, 220 Fourth av cor 18th ... Stuyvesant 2523
See our Catalog Space, page 960

Surgical and Hospital Supplies.
Thorner Bros, 140, 5th av.....Gramercy 4927

Surgical Instruments.
Kny-Scheerer Corporation The, 404-410 W 27th .....Chelsea 5449
Watters Laboratories The, 53-55, 5th av.Stuyvesant 746

Surgical Instruments and Appliances.
Livezey Henry (Surgical Specialties, Rubber Goods, Electric Heating Pads, Elastic Hosiery, Supporters, Trusses, Crutches), 198 Broadway .....Cortland 6173

Surgical Mirrors—Throat Mirrors.
Union Broach Co, 256 W 55th.....Circle 4243

Surgical and Orthopedical Instruments.
Ford W F S I Co, 118 E 59th.....Plaza 7537

Surgical and Veterinary Instrument Manufacturers.
Sklar J Mfg Co, 133 Floyd, Bklyn.....Wmsburg 2329

Surveying Instruments.
New York Blue Print Paper Co, 102 Reade..Worth 600

Suspender Mnfrs. and Importers.
Davis & Murphy, (O B French Suspender), 40-42 E 19th.....Gramrcy 2378

Suspender Materials for Export.
Levy A A Co Inc, 43 East 19th.....Gramercy 2344

Sweaters, Jerseys, Bathing Suits, Cardigans, Hockeys.
Panama Knitting Mills, 440 Canal.....Canal 1831

Sweaters, Jerseys & Shakers.
Blum Stanley W Co, 907 Bway.....Gramercy 6706

Sweaters for Men, Women and Children.
Princely Knitting Mills, 558 Broadway.....Spring 9295

Sweeping Compounds.
Clifton Chemical Co, 317-319 Greenwich..Worth 1680
Federal Supply & Mfg Co Inc, The, 2 Stone.Broad 2433

Swing Joints.
Williams Franklin Inc, 39 Cortlandt.....Cortland 136

Switches Electric.
Diamond H" (The Hart Mfg Co), 30 Church .....Cortland 7936

Switches Remote Control.
Diamond H" (The Hart Mfg Co), 30 Church .....Cortland 7936

Syrups and Sugar.
Domoline Company The (Honey of Sugar), 111 Wall .....Hanover 7294
See our Advertisement Inside Front Cover

Systems, Index Card, Filing Devices Etc.
Oler & Smith Company Inc, 159 Leonard.Franklin 980

Table Cloths—Hemstitched and Scalloped.
Rosend Felix, 576-578 Broadway.....Spring 2345

Tag Manufacturers.
American Tag Co of New Jersey, 220 Broadway .....Cortland 1702

Talc.
Binney & Smith Co, 81 Fulton.....Beekman 4020

Talking Machines, Mfrs. Exporters & Wholesalers.
Popular Talking Machine Co Inc, 253 Bowery .....Orchard 4148

Tank Cars.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Tank Cars—Built, Rebuilt and Repaired.
Pennsylvania Tank Car Co, 50 Church...Cortland 3492

Tank Cars—Leased.
Pennsylvania Tank Line, 50 Church.....Cortland 3492

Tanks.
Hydro & Chemical Tank Co, Established 1890 (Manufacturers and Builders of Wooden Tanks for All Purposes. Gravity and House Tanks Installed and Repaired), 15 John....Cortland 2138
Isseks David, 94 Mangin.....Orchard 264
See our Catalog Space, page 1014
Mayer Tank Mfg Co Inc, 212-220 Russell, Bklyn .....Greenpnt 1909
Rosenwach J (Wooden Tanks for all Purposes), 615-625 Grand.....Orchard 1338

Tanks—Air Drums.
Leader Iron Wks, 21 E 40th.....Murray Hill 330

Tanks—Air Receivers.
Leader Iron Wks, 21 E 40th.....Murray Hill 330

Tanks—High Pressure.
Welding Supply Co, 132 Nassau.....Beekman 4460
See our Catalog Space, page 1014

Tanks—Hot Water Storage.
Leader Iron Wks, 21 E 40th.....Murray Hill 330

Tanks Hydro Pneumatic.
Leader Iron Wks, 21 E 40th.....Murray Hill 330

Tanks Iron and Steel.
Fogarty Michael Inc, 531 W 33d.....Greeley 3465

Tanks, Mnfrs., Redwood.
Acme Tank Co, 39 Cortlandt.....Cortland 2520
See our Catalog Space, page 1015

Tanks, Mnfrs.—Wood.
Acme Tank Co, 39 Cortlandt.....Cortland 2520
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Tanks Riveted and Welded.
Leader Iron Wks, 21 E 40th.....Murray Hill 330

Tanks, Slate.
New York Slate Works The, 255 E 138th.Melrose 3253

Tanks, Steel.
Gerdes & Company Inc (Rivetted, welded —Special plate work), 28 Church...Cortland 7673
Petroleum Iron Works Company of Ohio The, 50 Church.....Cortland 3492
Wood, John Mfg Co, Bush Terminal, Bklyn.Sunset 6483

Tanks: Storage (Oil, Molasses, Creosote, Etc.)
Walsh & Weidner Boiler Co The, 11 Bway .....Bowling Green 8074

Tanks: Water—Iron or Steel.
Walsh & Weidner Boiler Co The, 11 Bway .....Bowling Green 8074

Tanks—Welded and Riveted New and Rebuilt.
Olney Geo H & Co, 50 Church.....Cortland 3756

Tapers.
Columbia Wax Works, 749-751 E 137th..Melrose 2783

Tapes (Cotton Mercerized and Silk).
Barton F C, 65 Worth.....Franklin 336
Bliss Wm B Jr & Co (Featherstitch braids, trimmings, spool braids, bindings) 114, 5th av .....Chelsea 8283
Gates Thos B M, 315 4th av, cor 24th..Gramercy 4629

Tapes (Measuring).
Hodes David H, (Sanitary Tape (2 in 1) Patented), 142 Fulton.....Cortland 1403
Lufkin Rule Co The, 106-110 Lafayette..Franklin 4368

Tapes, Shoe Laces, Webbing and Belting.
American Cord & Webbing Co, 105 Hudson .....Franklin 4109

Taps (Adjustable Collapsing).
Geometric Tool Co The (Vandyck Church Co Rep), Singer bldg .....Cortland 714
Modern Tool Co (P B Oatman, Mgr), 2 Rector .....Rector 6639
Modern Tool Co (J Wesley Parker, Mgr Export Dept), 2 Rector.....Rector 6161

Taps and Dies (for all purposes) Mnfrs.
Greenfield Tap and Die Corporation, 28 Warren .....Barclay 5532

Tarpaulins.
Bottger Bros & Co (Sails, Awnings Tarpaulins Rope, Canvas Slings), Marine Basin, Ft Hubbard, Bklyn .....Bath Beach 2084
Columbus Mfg & Supply Co Inc, 830-9th av .....Columbus 7171
Curtin John Inc, 2 South.....Bowling Green 8866
Endicott Hammond Co, 50 West...Bowling Green 9567
Smith Arthur F, 261-267 Canal..Telephone Connectio
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Tarpaulins, Waterproof Covers & Bags—All Uses.
Stanley W W, 50 Church.....Cortland 5119

Tassels.
Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078
Manheim A & Co, 19 W 18th.....Chelsea 3971
New York Tassel & Cord Co Inc, 35 Howard .....Canal 8618

Tassels, Cords, Trimmings, Ornaments and Pompons.
Hofmann & Ellrodt Inc, 16-18 W 22d...Gramrcy 4323

Tassels, Ornaments, Flower Trimmings, etc.
Rosenblum & Co, 42 W 18th and 45 W 17th .....Farragut 5884

Taxidermists.
Sauter Fred, 42 Bleecker .....Spring 4569

Taximeters.
American Taximeter Co, 1765 Broadway..Circle 533

Tea Pots, Fancy Goods, Dinner-ware.
Slimmon Robert & Co, 96 Church.....Barclay 6040

Telegraph Apparatus—Radio.
Cardwell Allen D, 251 West 19th.....Farragut 2084

Telegraph Equipment, (Printing).
American Telegraph-Typewriter Co, 251 West 19th .....Farragut 2084

Telegraph Operators Supplies.
Vibroplex Co Inc, The 253 Bway.....Barclay 6895
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Telephone Systems—Intercommunicating.
American Watchman's Clock Co, 150 Nassau .....Beekman 4659

Telephones (Automatic Intercommunicating).
Microphone-Detector Co Inc, 26 Cortland...Cortland 7290

NEW YORK CITY—cont'd

Telephones (Automatic Loud Talking).
Micropho-Detector Co Inc, 26 Cortland...Cortland 7290

Telephones, Interior (Factories, Apartment Bldgs.)
Connecticut Telephone & Electric Co (Spielman Elec Co) 1931 Bway...Columbus 4147

Temporary Binders.
Gem Binder Co The, 65 West Broadway..Barclay 5927

Tents.
Columbus Mfg & Supply Co, Inc, 830-9th av ....Columbus 7171
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017

Tents for Export and Government Use.
Boyle John & Co Inc, 112 Duane.....Worth 4770

Terra Cotta.
Federal Terra Cotta Co, 101 Park av.Murray Hill 9498

Terra Cotta—Architectural.
New York Architectural Terra-Cotta Company, 401 Vernon av, Long Island City.Astoria 700

Testing Instruments For Metal.
Holz Herman A, 1 Madison av.....Gramercy 181

Testing Laboratories.
Electrical Testing Laboratories, 80th and East End av ....Lenox 5513
Hunt Robert W & Co, 90 West.....Rector 3709

Textile—Consulting Specialists.
Chittick James (Fabrics Analyzed, Costs Calculated. Damages Investigated. Expert Testimony, Mill Forms. Instruction Given), 122 E 25th ....Mad Sq 2785

Theatrical Costumers.
Tams Costume Co, 1600 Broadway.....Bryant 7590
Wustl Carl A (Features, Cleanliness, Characteristics, Fine Costumes, Promptness) 40 Union sq ....Stuyvesant 1623

Theatrical Effects—Props and Papier Mache.
Unique Papier Mache Co, 331 W 44th...Bryant 2225

Theatrical Equipments.
Clark Peter (Stage Rigging and Equipments. Steel and Asbestos Curtains. Portable Ball Room Floors. Mechanical Effects) 406 W 30th....Chelsea 2836

Theatrical Ground Cloths, Drop Covers Etc.
Salisbury Chas A Co, 61 Ann.....Beekman 3062

Theatrical Jewelry.
Rothschild & Co, 30 W Houston.....Spring 8736

Theatrical Properties.
Brunton John Studios (Scenery, Properties, Stage Furnishings), 226 W 41st.....Bryant 5914

Thermometers.
American Bureau of Foreign Trade Inc, 44 Whitehall ....Bowling Green 9640
Brown Instrument Co The, 50 Church st..Cortland 1331
Kessling E Thermometer Co Inc (Clinical and Hydrometers), 96 Suydam st B'klyn.Bushwick 2143
Tagliabue G, Estate of (Established in 1831), 302 Pearl....Beekman 3590
Union Thermometer Co Inc, 1301-3 Boston rd ....Tremont 4017
Weinhagen H, 159 Leonard.....Franklin 2519

Thermometers, Clinical.
Nurnberg Thermometer Co Inc, 138th and 3d av....Melrose 320
Scherrer Albert, 1252 Willoughby av, Bklyn.Stagg 463
United States Thermometer Co, 830 Westchester av ....Melrose 2978

Thermometers and Hydrometers.
Hiergesell Wm & Son, 111 Nassau.....Cortland 4140

Thermometers, Recording.
Thwing Instrument Company, 59 Pearl...Broad 4657

Thermos Bottles, Food Jars, Carafes, Coffee Jugs, Etc.
American Thermos Bottle Co (Originators of Genuine "Thermos" temperature retaining vessels. Motor Restaurants, lunch kits, etc), 35-37 W 31st ....Mad Sq 8922

Thermostatic Traps.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Thimbles—Gold and Silver—Manufacturers.
Ketcham & McDougall, 15-19 Maiden lane. ....Cortland 748

Thread Drawing Machines.
Eshelman John W (Eshelman Thread Drawing Machines), 13 Walker.....Franklin 1054

Threading Machines.
Geometric Tool Co The (Vandyck Churchill Co Rep) Singer bldg ....Cortland 714

Thresholds (Safety) for Elevator Doors, etc.
American Abrasive Metals Co, 50 Church.Cortland 7444

Thrown Silks.
Dunlop's Jno Sons, 254 Fourth av.....Gramercy 382

Thumb Tacks.
Solidhed Tack Co, 38 Murray.....Barclay 7046

Ticket Punches of Every Description.
Moss Samuel H, 36 E 23d.....Gramercy 5361
Brooklyn Office, 419 Fulton.....Main 764

Tile Floors.
Linitol Flooring Co, 26 Reid, Bklyn....Hamilton 2309

Tiles.
Jackson Wm H Company, 2 W 47th.....Bryant 8430

Tiles, Roofing.
Ludowici-Celadon Company, 750 Fifth Av bldg ....Gramercy 2593

Timber, Kyanized.
Brown Company, Woolworth bldg .....Barclay 6185

Time Detectors, Watchman's and Employees.
American Watchman's Clock Co, 150 Nassau ....Beekman 4659

Time Recorders.
Calculagraph Company (The Calculagraph, The Elapsed Time Recorder), 30 Church.Cortland 1641
Simplex Time Recorder Co, 135 Fifth av.Gramercy 5592

Time Stamp Experts.
Kastens Henry, 418 West 27th.....Chelsea 795

Time Stamps and Cost Keeping Systems.
Baird Equipment Co (Theo Moss & Co, Agts), 82 Broad ....Broad 912

Time Stamps and Recorders.
Follett Time Recording Co, 29 Murray...Barclay 5767

Tin.
Pope Trading Corp Inc, 90 West.....Rector 2436
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg, 233 Broadway ....Barclay 8215
See our Adv., page 32, first page opposite Section 1

Tin Box Mnfrs.—Plain & Decorated—Adv. Signs.
Donnelly W A, 59 Pearl.....Broad 3060

Tin Can Mnfrs.
Jaeger Wm J, 390 Hudson.....Spring 1287
LeComte & Co Inc, Wolcott and Ferris Bklyn ....Hamilton 2512
Shalita Bros, 264-268 South.....Orchard 8356

Tin Can Mfrs. Olive Oil Cans, Specialty.
Cordiano Bros, 248 Lafayette .....Spring 9856

Tin Pig.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Tin Plate.
Crouch W J Co Inc, 253 Broadway.....Barclay 4216
McVoy Sheet & Tin Plate Co, 2042 Grand Central Terminal bldg ....Murry Hill 1507
Pittsburg Steel Export Co, 253 Broadway.Barclay 3436
Wenger Paul & Co, 100 Broadway.....Rector 5083

Tin Plate Manufacturers & Dealers.
Brushaber C H & Co Inc, 30 Church....Cortland 1868

Tin Plates.
Pope Trading Corp Inc, 90 West.....Rector 2436

Tin Ware Mnfrs.
Empire Tinware Co The, 29 South 5th Bklyn ....Greenpnt 2187
Schaffer Tinware Mfg Co The, 76 Sedgwick, Bklyn ....Hamilton 369

Tinsel Thread and Fabrics.
French Export Co, 489 Fifth av.....Vanderbilt 4540

Tinsel, Thread and Fabrics, Beads and Spangles.
Hirsch's G Sons, 390 Bway.....Gramercy 1373
Wyle J J & Bros Inc (Successors to Siegman & Weil), 18-20 E 27th....Mad Sq 9620

Tinsel—Thread Novelties & Braid Manufacturers.
Gutner Simon & Bro, 18-20-22 W 20th.Chelsea 4929

Tinsel Threads.
Frankel Wm B & Co Inc, 23-25 E 26th.Mad Sq 5669
Goldsmith H W Co, 20-26 West 22d....Gramrcy 3940

Tire Covers—Automobile.
B-E Manufacturing Company, 18-22 W 18th ....Chelsea 5053

Tires (Automobile).
Brunswick-Balke-Collender Co of N Y The, 29 West 32d ....Madison Square 6180

Tires (Scrap).
Loewenthal R M & Co Inc, 51 E 42d.Murray Hill 611

Tires—Automobile—All Makes.
Public Service Tire & Rubber Co of N Y Inc, 1675 Broadway ....Circle 1004

Tobacco Brokers and Merchants.
Tansy Tobacco Corp (Virginia, Kentucky, Tennessee Leaf in Hogsheads) 19 S William..Broad 1915

Tobacco Leaf.
Delmonte J & Son, 7 Burling Slip.....John 2591
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Tobacco Machinery.
Universal Tobacco Machine Co (Tobacco Stripping Machines. Factory Newark N J) 79 Fifth av ....Stuyvesant 4444

Tobacco Machinery—For Production of Plug Tobacco.
McGowan John H Co The, 1567, 50 Church ....Cortland 4746

Tobacco Manufacturers.
Tansy Tobacco Corp (Chewing and Smoking Brands), 19 South William..Broad 1915

Tobacco Merchants and Brokers.
Tansy Tobacco Corporation (Virginia, Kentucky, Tennessee—Leaf in Hogsheads), 19 South William .....Broad 1915

Tobin Bronze, Rods, Sheets, etc.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Toggle Bolts.
Star Expansion Bolt Co, 149 Cedar.....Rector 4655

Toilet Articles.
Atlantic Comb Works, 10-12 E 38th.Vanderbilt 4691

Toilet Articles and Sets.
Arlington Company, 725 Broadway.....Spring 9900

Toilet Goods and Drug Sundry Specialties.
Levy J W Corp, 892 Bway.....Gramercy 942

Toilet Paper.
Barry D J & Co, 83 Barclay.....Barclay 5978
Ewing H Norwood Co The ("Pickquick" Brands), Woolworth bldg .....Barclay 7154
Industrial Paper Co, 59 Beekman.....Beekman 3976

Toilet Paper and Paper Towel Manufacturers.
Linton & Scott, 110 W 40th .....Bryant 5474

Toilet Preparations & Supplies.
Cosin Co The, 30 East 23d.....Gramercy 3615

Toilet Products Colors for.
Horgan William J, 6 Platt .....John 1625

Toilet Sets.
Schimper William & Co, 33 Union Sq W..Stuyvsnt 214

Toilet and Towel Papers.
Lewis Samuel, 73 Barclay.....Barclay 5406

Tool and Cutter Grinders.
Coates-Kendall Corporation, 50 Church..Cortland 6864
See our Adv., opposite title page Catalog Section

Tool Steel.
Thorn Steel Co Inc, 22 Clarke.....Spring 6795

Tool Steels, Alloy Steels, Die Blocks, Gear Blanks, Etc.
Darwin & Milner Inc, 156 Broadway....Cortland 1956
Hammond Steel Company Inc (P J Ryan, Rep) 30 Church.....Cortland 1809

Tools, Electric Drills.
Electro-Magnetic Tool Co, 426 Broome..Spring 7086

Tools, Manufacturers—Mechanics Tools.
Siebusch & Hilger Ltd, 106-10 Lafayette.Franklin 1535

Toothpick & Cigar Lighter Mfrs. & Importers (Wood).
Ives E B & Sons, 362, 5th av.....Greeley 4820

Toothpicks.
Low Co Inc, 362 Broadway .....Franklin 1414
Ice-Boardman J M Inc, 120 Liberty.....Rector 732

Toothpicks&DrinkingStraws Individually Wrapped.
American Toothpick Co, 138 Sumpter, Brooklyn ..... East N Y 5879

Toothpicks (Quill and Wooden) Drinking Straws.
Royal-Regal Co, 723 Lexington av.....Plaza 8205

Toothpicks (Quill) and Hygienic Drinking Straws.
"Sanita" Tooth-Pick & Straw Co, 217-219 Centre .....Canal 686

Torches (Taper Holders).
Columbia Wax Works, 749-751 E 137th..Melrose 2783

Torches—Stoves, Furnaces (Kerosene Oil Pressure).
General Maintenance Co, 70 Murray....Barclay 6490

Towels.
Schubert & Bender Inc, 200-5th av....Gramercy 1981

Towels—Crashes.
Tausend Felix, 576-578 Broadway.....Spring 2345

Tower Clocks.
Howard E Clock Co The, Maiden Lane & William .....John 3148

Towers, Steel (For Water Tanks, Transmission Lines, etc.)
Walsh & Weidner Boiler Co The, 11 Bway ..... Bowling Green 8074

Towing.
Shamrock Towing Co, 680, 12th av....Columbus 4440

Toy Importers.
Haber Bros Inc, 876-78 Bway.....Gramercy 3303

Toys, Mfgrs.
Arden Manufacturing Corporation, 450-452 E 148th .....Melrose 7227

Toys Manufacturers, Metal and Lithographed.
Schlesinger Leo & Co, 64-68 Wooster.....Spring 7781

Toys and Novelties—Wholesale.
Shulman & Sons, 109-111 Ludlow .....Orchard 5827

Toys, Stuffed Animal Toys.
Elektra Toy & Novelty Co, 400 Lafayette.Spring 9961

Track—Portable Railroad.
Carey Geo H, 1 Broadway .....Bowling Green 9167

Tractors.
Austin F C Company Inc, 30 Church....Cortland 666

Trade Mark Attorneys.
Mock & Blum, 220 Bway .....Cortland 3352

Trade Marks.
Rankin Wm H Company, 25 E 26th....Mad Sq 7597

Trademarks, Copyrights, Etc.
Griffin James H (Trademarks, Copyrights and Unfair Competition. Late Principal Examiner U. S. Patent Office), 277 Broadway..Worth 1525

Tramrail Systems.
Brown Hoisting Machinery Co The (Richard Devens), 50 Church.....Cortland 3798

Transfer Ornaments.
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray .....Barclay 5969

Translations, all Languages, Commercial, Technical.
Osbourne A, 347 Fifth av.....Vandrbilt 5315

Translators.
American Exporter Translation Bureau (Translations in any language by experienced native translators and technical Experts. Catalog translations a specialty) 17 Battery pl....Rector 4581
Foreign Business Corp (Translations of technical catalogues a specialty) 17 Battery pl....Rector 7048
International Press, 150 Lafayette .....Canal 8934
Merchants' & Lawyers' Translation Bureau (All Languages, Accuracy, Secrecy, Highest References) 11 Bway..... Bowl Grn 8328
Primera Studios of the Spanish Language (Translations accurately made for fourteen years) 80 Wall .....Hanover 6273

Translucent Window Signs.
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray .....Barclay 5969

Transmission Rope—Specially Prepared.
New York Cordage Co The, 123 Front.....John 2215

Transportation.
Barton Edward J Lighterage Co, 59 Pearl...Broad 4613
See our Catalog Space, page 967

Traveling Bags, Mnfrs.
Boyle John & Co Inc, 112 Duane.....Worth 4770
Laitman S & Sons, 657 Broadway, Bklyn..Stagg 5166

Traveling Bags & Cases, Mnfrs.
Crouch & Fitzgerald, 177 Broadway.....Cortland 873

Treads, Mason Safety.
American Mason Safety Tread Co, 50 Church .....Cortland 2354
Ryerson Joseph T & Son, 30 Church and West Side av, Jersey City.....Cortland 8650

Tree Nails—Locust
Galbraith C C & Son, 90 West.....Rector 6246

Tree Nails—Locust & Oak.
Atlantic Sales Co, 29 Broadway.....Whitehall 979

Trenching and Ditching Machinery.
Austin F C Company Inc, 30 Church....Cortland 666

Trimmings, Silk Cords, Fringes, Tassels, Novlts.
Eastern Trimming & Cord Co, 137-139 Wooster .....Spring 7078

Trolleys (I Beam Systems).
Chisholm-Moore Mfg Co The, 30 Church..Cortland 4545

Truck Covers.
Smith Arthur F, 261-267 Canal..Telephone Connection
See our Catalog Space, page 1017

Trucking.
Bahr H D Trucking & Warehouse Co, 285-287 E 137th.....Melrose 8616
See our Catalog Space, page 1012
Farley John, 414-416 E 20th.....Gramercy 280

Trucking Safes & Machinery.
Krasilovsky S & Bro, 218 Centre.....Canal 187

Trucking & Warehousing.
Allison Trucking Co, 74 Cliff.....Beekman 6755

Truckmen.
Atlanta Haulage Co Inc (General Auto Trucking for all purposes. By hour, day, week, month or contract. Also by the Ton) 230 E 42d.Murry Hill 846

Trucks Elevating.
Lewis-Shepard Company (L M Cain Co, Agts), 260 Broadway.....Barclay 8020
National Scale Co, 30 Church.....Cortland 1501
Transmission Ball Bearing Co, 30 Church.Cortland 389
See our Catalog Space, page 920

NEW YORK CITY—cont'd

Trucks, Industrial.
Kilbourne & Jacobs Mfg Co The, 25 Broad.Broad 4699
Lansing-Company, 288-289 West.....Canal 9073

Trucks Store Platform & Warehouse.
Fowl Julius, 119 W 17th.....Chelsea 6186
Standard Scale & Supply Co The, 145 Chambers .....Worth 1352
See our Catalog Space, page 1004

Trucks, Store & Warehouse.
Empire Hardware Co, 85 Warren.....Barclay 5833

Trunks.
Crouch & Fitzgerald, 177 Broadway.....Cortland 873
Fiber Sample Trunk Mfg Co, 10 W 18th..Chelsea 1593
Vierling A P, 21 W 3d.....Spring 8508
See our Catalog Space, page 1019

Trunks—Fibre Sample Trunks, Wardrobe & Cases.
Standard Trunk Manufacturing Co, 535 Bway .....Spring 8072

Truss Mnfrs. and Fitters.
Bunker John W Inc, 110 W 34th.....Greeley 6547

Trusses.
Acret Co, 326 Livingston, Bklyn.....Main 519
Becker Augustin (Manufacturer and fitter, Men's, Women's Children's Trusses, supporting-belts, elastic stockings, arch supporters, orthopedic and other surgical appliances) 202 W 23d nr 7th av .....Chelsea 3943
Ditman A J, 2 Barclay.....Barclay 7045
Eisen Wm M Co, 412, 8th av nr Penn Depot .....Chelsea 3372

Tubing.
Titeflex Metal Hose Corp, 120 Bway.....Rector 8024

Tubing, Seamless & Brazed, Brass, Copper & Bronze.
Hungerford U T Brass & Copper Co, 80 Lafayette .....Franklin 5700

Tungsten.
Leaf E B Co, 50 Church.....Cortland 2656
Wenger Paul & Co, 100 Broadway.....Rector 5083

Turbines (Water) Francis and Pelton Types.
Pelton Water Wheel Co The, 90 West.....Rector 543

Turners.
New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026

Turners, Wood.
Schutz Bros Inc, 71 West Broadway.....Barclay 9727

Turners—Wood (Automatic and Hand Turnings).
Estes E B & Sons, 362, 5th av.....Greeley 4820

Turnstiles, Registering and Automatic Locking.
Percy Mfg Co Inc, 30 Church.....Cortland 2899

Turpentine.
Independent Products Co ("Superba" Turpentine, Paints, Varnishes, Linseed Oil, Lubricating Oils and Greases for Export) 116 Broad .....Bowling Green 9570

Turpentine and Rosin.
Antwerp Naval Stores Company, 90 West...Rector 3173
General Naval Stores Co, 90 West.....Rector 7660

Twine (Paper).
Hayner George M Company, 541 W 56th.Columbus 4375

Twine for Broom, Mattress, Etc.
Josephic Geo Co Inc, The, 227-229 WaterBeekman 3579

Twines.
Grady M J Co, 110-112 Reade.....Worth 4690
See our Catalog Space, page 1019

Twines, All Kinds.
Auer & Twitchell, 14-16 Waverly pl.....Spring 4777

Twines and Cordage.
Kelley Henry C Company "Economy Quality", 35 Worth.....Franklin 2700
New York Cordage Co The, 123 Front.....John 2215

Twines & Cordage (Binder Flax, Hemp).
Disbrow Cordage Co, 149 Church.....Barclay 5868

Twist Drills.
Cleveland Twist Drill Co The, (Edward Jung Agent) 30 Reade .....Worth 122
Detroit Twist Drill Co, 30 Warren.....Barclay 4702
Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade.....Worthington 3270

Type Embossing Presses.
Roovers Bros, 100 Schermerhorn, Bklyn....Main 3780

Type Founders.
American Type Founders Co, 200 WilliamBeekman 3885
See our Catalog Space, page 1019

Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, 200 WilliamBeekman 3885
See our Catalog Space, page 1019
Conner, Fendler & Co, 96 Beekman....Beekman 3970
See our Catalog Space, page 1019
Lanston Monotype Machine Co, World bldg .....Beekman 3155
See our Catalog Space, page 999

Type Metals.
Union Smelting & Refining Co Inc, 604-608 E 19th .....Gramercy 6699
See our Catalog Space, page 1008

Typewriters.
Vibroplex Co Inc The, 253 Bway.....Barclay 6895
See our Catalog Space, page 1020

Typewriters—All Makes.
Brown-Typewriter Co Inc The, 245 Bway.Barclay 7010
See our Catalog Space, page 1021

Typewriters all Makes, Rebuilt.
Broadway Typewriter Exchange, 929 Broadway .....Gramercy 6501

Typewriters Bought, Sold and Rented.
Bean Typewriter Renting Co, 561 Gates av, Bklyn .....Bedford 3436

Typewriters—Portable.
Corona Typewriter Company Inc, 129 W 42d .....Bryant 7150

Typewriters Sold—Rebuilt Machines—All Makes.
Graves Typewriter Co, 6 Church.....Cortland 1586

Typewritten Fac-Simile Letters.
A A Multigraphing Co, 80, 5th av.....Chelsea 3227

Umbrella and Parasol Mnfrs.
Issacsohn Jos Co, 114 Court, Bklyn.....Main 4027

Umbrellas, Parasols & Broad Silks.
Follmer Clogg Co, 114 Fifth av.....Chelsea 3390

Undertakers.
Bunnell C Holmes (Nephew of Originator of embalming in U S. Undertaker for seven Churches. Shipping cases a Specialty. Own Auto Service), 4187 Broadway.....St Nicholas 248
Hopper J M (Willis E Stafford & Son), 120-122 Livingston, Bklyn.....Main 180
Winterbottom James E (The Funeral Home), 936, 6th av.....Circle 104

Undertakers Dry Goods.
Arnstaedt & Company, 104 E 25th.....Mad Sq 4873

Undertakers Supplies.
Frigid Fluid Co (E S Alwyn, Agt), 439 Manhattan av.....Morngside 5127

Underwear.
Lax & Burgheimer Inc, 32 W 23d.....Gramrcy 5210

Uniform Manufacturers.
Ford Uniform Co (Uniforms, Caps, Equipments, Army, Navy, Police, Hotels, Clubs, Bands, Department Stores, Banks, Theatrical, Liveries, Leather Aviation Outfits etc.), 245 B W 47th .....Bryant 2186

Uniform Mnfrs. & Equipments.
Brooks Uniform Co, 143 W 40th.....Bryant 7140
Reed's Jacob Sons Inc, 1328 Bway.....Greeley 4664

Uniforms.
Riker Robert & Co, 779 Bway.....Stuyvesant 3357
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Smith Caleb V, 118 Flatbush av, Bklyn....Main 5475
Smith-Gray Inc, 729-731 Broadway.....Spring 3024
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Uniforms for Women.
Nurses' Outfitting Assn Inc (Official Red Cross Apparel, Theatre Ushers Elevator Girls', Nurses', Maids', Complete Outfits), 425, 5th av .....Vanderbilt 4641

Unions—Brass.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Universal Cast Iron Pipe.
Central Foundry Co The, 90 West.....Rector 1860
See our Advertisement, Outside Back Cover

Upholsterers Interior Decorators—Woodworkers.
Schleich & Smeeraldi, 213 E 38th....Vanderbilt 923

Upholstery Button Covering Machines & Button Parts.
Defiance Button Machine Co, 43-47 W 24th .....Farragut 3730

Upholstery and Drapery Fabrics.
Rogers M H, 912-920 Broadway.....Gramercy 3760
Witcombe, McGeachin & Co, 20-24 W 37th.Greeley 236

Upholstery Fabrics.
Maag Edward (Taffetas, Satins, Repps in plain colors, fancy stripes and printed warp effects) 32-46 W 23d.....Gramercy 5234

Upholstery Material—Furniture, Carriage, Automobile.
Du Pont Fabrikoid Company, Equitable bldg, 120 Broadway.....Rector 5720

Upholstery Materials.
O'Bannon Corporation, 200 Fifth av....Gramercy 5241

Upholstery Trimmings.
Maag Edward (Fringes, cords, tassels, gimps, etc) 32-46 W 23d.....Gramercy 5234

Vacuum Bottles and Thermos Temp-Retaining Vessels.
American Thermos Bottle Co (Originators of Genuine "Thermos" temperature retaining vessels. Motor restaurants, lunch kits, etc) 35-37 W 31st .....Mad Sq 8922

Vacuum Cleaners.
Duntley Co The, 295, 5th av.....Mad Sq 2296

Vacuum Pans, Copper & Iron.
Badger E B & Sons Co, 101 Park av..Vandrblt 1719

Vacuum Recorders.
Uehling Instrument Co, Empire bldg.....Rector 9636

Valve Boxes.
Central Foundry Co The, 90 West.....Rector 1860
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Valve Reseating Machines.
American Bureau of Foreign Trade Inc, 44 Whitehall .....Bowling Green 9640

Valves.
Kelly & Jones Co, 2509-10-11 Park Row bldg .....Barclay 8360

Valves—Back Pressure & Atmospheric Relief.
McGowan John H Co The, 50 Church....Cortland 4748

Valves, Chronometer Regulating.
Union Water Meter Co (E W Jacobs) 574B Macon, Bklyn.....Bedford 5876

Valves, Fitngs, Accumulatrs, Presses & Pumps—Hydraulic
Hydraulic Press Mfg Co The, 39-41 Cortlandt .....Cortland 5083

Valves High Pressure.
Welding Supply Co, 132 Nassau.....Beekman 4460
See our Catalog Space, page 1014

Valves, Iron and Steel.
National Valve & Mfg Co (F W Richardson, Agt), 39 Cortlandt.....Cortland 7268

Valves—Modulating.
Bergin Edward J, 5 W 16th.....Chelsea 1049

Vapor Heating.
Vapor Heating Co (Broomell System of Vapor Heating), 597, 5th av.....Murray Hill 8525

Varnish Cans.
Pelletier Napoleon 2d st nr Broad Maspeth Bklyn .....Newtown 1760

Varnish Manufacturers.
Thibaut & Walker Co, 72, 9th Long Island City .....Huntrs Pnt 400

Varnish Stains, Colors for.
Morgan William J, 6 Platt.....John 1625

Varnishers, Gummers and Cigar Band Cutters.
Wiener Bros (Special Die Machines for Large Editions), 692-694 Bway cor 4th.....Spring 8625

Varnishes.
Harrison Works (Owned and operated by E I DuPont de Nemours & Co), 80 Maiden Lane .....John 6444
Montauk Paint Mfg Co, 170-172, 2d av, Bklyn .....South 5076

Vault Lights.
American Bar-Lock Co, Borden av and Hayward L. I. C.....Hunters Point 1400
Seppler Glass Constructions Inc, 101 Park av.....Murray Hill 7156

Vegetable Butter.
Brown Company (Kream Krisp), Woolworth bldg .....Barclay 6185

Vegetable Fat for Candy-makers.
Brown Company ("Kay Kay"), Woolworth bldg .....Barclay 6185

Vegetable Seed and Nut Oils.
Meyer Oil Inc, 29 Broadway.....Whitehall 240

Veil & Veiling Mnfrs. & Importers.
Bal Veiling Co, 27 E 21st.....Gramercy 3721

Veiling, Embroidered Bridal & Confirmation Wreath Mfrs
Dorros Bros (We manufacture all our materials), 98, 3d av.....Stuyvesant 2190
Gladstone H Co, 684 Broadway.....Spring 6924

Veilings, Nettings, Chiffons, Malines.
Gottschalk, Gartman & Co, 118-120, 5th av .....Farragut 4175

Velveteen Importers.
Hedeman W A, 229, 4th av.....Stuyvesant 7550

Velveteens.
Nathan Weiner & Co Inc, 257 Fourth av.Gramercy 3867

Velvets.
Nathan Weiner & Co Inc, 257 Fourth av.Gramercy 3867

Velvets, Velveteens, Etc.
Frankel Wm B & Co Inc (Chiffon Velvet, Hatters Plush, Plushes, Corduroys), 23-25 E 26th .....Mad Sq 5669

Ventilating.
Wagner J H (Systems Designed, Installed Complete; Air Purification) 191 Spencer, Bklyn .....Wmsburg 1804

Ventilating Apparatus, Blower and Fan Mnfrs.
Batterman, Truitt Co, (C O Hall) 147-149 W 35th .....Greeley 4040
Ilg Electric Ventilating Co, 13 Park Row.Cortland 8739

Ventilating Engineers and Sheet Metal Constructors.
Mandel-McIver Co (Heating, Cooling, Drying Systems for Factories), 1805, 1st av...Lenox 5735

Ventilating Fan Mnfrs. Electric & Power Driven.
Wing L J Mfg, 352-362 W 13th.....Chelsea 7465

Ventilators—Electric Window.
Gerdes R N (Positive inflow of fresh air with regulating valve), 123 Liberty.Cortland 4719

Ventilators, Roof.
Arex Co, 132 Nassau.....Beekman 3448
Kernchen Company, 1265 Broadway.....Mad Sq 2769
Kernchen J C, 132 Nassau.....Beekman 3448

Ventilators and Ventilation.
Kernchen Company, 1265 Broadway.....Mad Sq 2769

Ventilators, Window.
Boreal Ventilator Co, 101 Court, Bklyn....Main 1380
Ideal Ventilator Co, 120 Liberty.....Rector 1339

Vermin Exterminators.
Brown's Insecticide Co, 204 E 44th....Murry Hil 2271
Eureka Vermin Exterminating Co, 358 W 42d .....Bryant 5820
Ortner Charles, 310 W 125th.....Morningside 6904
Virus Limited Inc, 72 Front.....Hanover 960
Wright Charles S, 868 Broadway.....Stuyvesant 2050

Veterinary Remedies.
American Veterinary Medicine & Supply Co, 97 Bway, Bklyn .....Wmsburg 2262

Vibroplex.
Vibroplex Co Inc The (Martin), 253 Bway.Barclay 6895
See our Catalog Space, page 1020

Wagon Loaders, Coal & Sand Screens.
Haiss George Mfg Co, 141st & Rider av..Melrose 241

Waists, Cotton and Silk.
American Lady Waist Co The, 516 Broadway .....Spring 4791

Warehouses.
Bahr H D Trucking & Warehouse Co, 255 257 E 137th.....Melrose 8616
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Hanover Warehouse & Trucking Co, 521 Water .....Beekman 2160

Washers—Felt or Card Board.
Braunsdorf Geo W Inc, 420 E 53d.....Plaza 1386
Brawley T R, Adams & York, Bklyn.....Main 488
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Felt Specialty Mfg Co, Adams & York, Bklyn .....Main 488
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Washers (Rubber) Leather, Fibre, All Makes & Sizes.
Broadway Bicycle & Auto Supply Co, 60 Vesey .....Cortland 1308

Washing Machines for Home Use.
Home Devices Corpn (Modern Home Washers, Electric or Hand Power, The Clothes Washers That Fit and Operate in Your Stationary Tubs) 33, 35th st, Bklyn.....Sunset 5093

Washing Machines Mnfrs.
Maytag Company The, 18 Murray.....Barclay 4532

Waste.
Ellice John Co The, 189 Washington....Cortland 3463

Waste—All Grades of Sanitary Wipers—Remnants.
Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540
Gross E & Co, 200 Fifth av.....Gramercy 4037

Waste—All New—Cheese Cloth, Etc. For Cleaning.
Mill Remnants Co, 19 Bond.....Spring 5830
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Waste, Cotton, Wool and Packing.
Royal Manufacturing Co (J C Madden, Repr), 2 Rector .....Rector 1500

Waste and Packing.
New York Cordage Co The, 123 Front.....John 2215

Watchman Clock Mfrs.
Howard E Clock Co The, Maiden Lane & William .....John 3148

Watchman's Clocks.
Imhauser E Co (All Kinds of clock repairing done perfectly. Dials for all kinds clocks) 212 Bway .....Cortland 1426
Simplex Time Recorder Co, 135, 5th av..Gramercy 5592

Watchman's Clocks Electric and Portable.
American Watchman's Clock Co, 150 Nassau .....Beekman 4659

Water Mains.
Central Foundry Company The, 90 West.Rector 1860
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Water Systems for Country Homes.
Leader Iron Wks, 21 E 40th .....Murray Hill 330

Water Towers.
Aetna Steel Products Co Inc, 30 Church..Cortland 6424

Water Tube Boiler Retubing.
Fogarty Michael Inc 531 W 33d.....Greeley 3465

Water Wheels, Centrifugal Pumps & Hydraulic Machy.
Pelton Water Wheel Co The, 90 West....Rector 543

NEW YORK CITY—cont'd

Water Works.
Phillips & Worthington, 90 West.....Rector 3017

Waterproof Canvas.
Bendus J V, 39 Cortland.....Cortland 8416
Boyle John & Co Inc, 112 Duane.....Worth 4770

Waterproof Canvas Covers.
Bottger Bros & Co (Sails, Awnings, Tarpaulins, Rope, Canvas, Slings), Marine Basin, Ft Hubbard, Bklyn .....Bath Beach 2084
Smith Arthur F, 261-267 Canal..Telephone Connection
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Waterproof Canvas Manufacturers.
Bendus J V (Bendus Star Brand), 39 Cortland .....Cortland 8416

Waterproof Covers.
Hart Waterproof Mfg Co Inc, Woodhaven, L I.....Richmond Hill 4478

Waterproof—Duck, Canvas Covers and Tarpaulins.
Stanley W W, 50 Church.....Cortland 5119

Waterproofers—Engineers—Manufacturers.
Horn A C Co, Hancock and Bodine L I C .....Hunters Pt 3671

Waterproofers of Canvas Goods.
Bendus J V (Of Every Description) 39 Cortland ..... Cortland 8416

Waterproofers of Fabrics.
Tate Electro Waterproofing Corpn, 318 W 39th .....Greeley 726

Waterproofing Fabric.
Barrett Company The, 17 Battery pl....Rector 600

Waters, Medicinal & Mineral
Manitou Mineral Water Company The, 225, 5th av .....Mad Sq 903
See our Adv. on Backbone & page 980, Catalog Section

Wax.
Edgertyn Aniline Corp, 118 William....Beekman 964
U S Chemical Exchange, 59 Pearl.....Broad 7250

Wax Figures & Papier Mache Show Forms.
Spieles Joseph (Manufacturer of High-Grade Wax Figures and Papier Mache Show Forms. Special Department for Repairing & Remodeling) 133 W 14th.Chelsea 7692

Wax Paper Manufacturers.
Newark Paraffine & Parchment Paper Co, 90 West St .....Rector 3812

Waxed Paper Mnfrs., Lunch Rolls—Specialties.
National Wax & Paper Mfg Co, Bush Terminal Foot of 37th Bklyn.....Sunset 5217

Weather Strips.
Acme Metal Weather Strip Co, 210 E 26th.Mad Sq 3136
See our Catalog Space, page 1023
Adler All Metal Weather Strip Co, 496 Flatbush av, Bklyn.....Flatbush 6463
Athey Co, Marbridge bldg, 34th and Broadway .....Greeley 2933
Diamond Metal Weather Strip Co The, 503 Fifth av .....Vanderbilt 4958
Eagle Weather Strip & Screen Co Inc, 1010 Fulton, Bklyn .....Prospect 8789
Miller Chas F Metal Strip Co (We can keep out dust, wind and storms of the worst kinds) 798 Knickerbocker av, Bklyn.....Bushwick 1323
Monarch Metal Weather Strip Co The (Watson Mfg Co, Distributors), 101 Park avMurray Hill 8157
Robbins Mfg Co, 117 Chambers.....Worth 2063
See our Catalog Space, page 1023

Weather Vanes.
Washburne E G & Co, 207 Fulton.....Cortland 3125

Weather Vanes—Copper.
Jones Thomas W, 153 Maiden Lane.....John 1668

Webbing.
Bliss Wm B Jr & Co (Elastic, non-elastic, all widths and qualities) 114, 5th av.....Chelsea 8283
Boyle John & Co Inc, 112 Duane.....Worth 4770
Engel A H (Dress beltings and surgical webbing), 396 Broadway.....Franklin 1868
Gates Thos B M (Silk, mercerized and cotton dress beltings) 315 Fourth av, cor 24th .....Gramercy 4629

Webbing, Shoe Laces, Tapes and Belting.
American Cord & Webbing Co, 105 Hudson ..... Franklin 4109

Welders.
K G Welding & Cutting Co Inc, 556 W 34th .....Greeley 6358
See our Catalog Space, page 1024
Mecca Machinery Co, 85-87 Adams, Bklyn...Main 7065
Wood John Mfg Co, Bush Terminal, Brklyn .....Sunset 6483

Welders—Scored Cylinders Welded without Regrinding.
Bizzarri Welding Works (Highest Class Workmanship All Work Guaranteed), 162 West 56th ..... Circle 3222

Welding Apparatus.
Davis-Bournonville Co, Van Wagenan av, Jersey City .....Rector 3428
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Welding Apparatus (Electric) for Spot & Butt Work.
Electric Machine Tool Co, 50 Church...Cortland 251
Federal Machine & Welder Co The (D W Barnes, Rep) 90 West.....Rector 1360

Welding and Cutting Apparatus.
Milburn Alexander Co The, 51 E 42d..Murray Hill 2287
See our Catalog Space, page 1024
Welding Supply Co, 132 Nassau.....Beekman 4460
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Welding, Heavy Parts, Thermit Welding Apparatus.
Goldschmidt Thermit Co, 120 Broadway...Rector 7422

Welding Sticks—Aluminum.
United Smelting & Aluminum Co Inc (Mfrs U S A Virgin Metals), Woolworth bldg 233 Broadway .....Barclay 8215
See our Adv., page 32, first page opposite Section 1

Well Contractors.
Artesian Well & Supply Co, 108 Park..MurryHil 4730

Well Drilling Machinery.
Whinery S B, 95 Liberty.....Cortland 5326

Wells, Drilled & Driven.
Phillips & Worthington, 90 West.....Rector 3017

Wheelbarrows.
Kilbourne & Jacobs Mfg Co The, 25 Broad.Broad 4699
Lansing-Company, 288-289 West.....Canal 9073

Wheels, Baby Carriages, Wagons, Bicycles all Sizes.
Broadway Bicycle & Auto Supply Co, 60 Vesey ..... Cortland 1308

Wheels—Car (Freight, Passenger, Street).
American Car & Foundry Co, 165 Bway..Cortland 8110

Wheels, Iron, Steel, Rubber and Canvas Cushion.
Fowl Julius, 119 West 17th .....Chelsea 6186

White Lead.
Harrison Works (Owned and operated by E I du Pont de Nemours & Co), 80 Maiden Lane.John 6444

White Metals Alloys.
Lissberger Marks & Son Inc, 281 Borden av, L I C.....Hunters Point 1497

Whitewashing.
Fleck F J & Co, 74-76, 9th av.....Chelsea 99
See our Catalog Space, pages 986 and 1024

Wicks—Felt.
Brawley T R, Adams and York, Bklyn.....Main 488
See our Catalog Space, page 952
Felt Specialty Mfg Co, Adams and York, Bklyn .....Main 488
See our Catalog Space, page 952

Wigs, Toupees for Street Wear.
Maison Antoine (High Class Wigs, Toupees, Lowest Prices), 649, 3d av..Murry Hill 9039

Willow & Reed Furniture Mfrs. Also Novelties.
Pahlow Reed & Willow Mfg Co The, 132 W 27th ..... Chelsea 5471

Wind Shield Glass & Frameless Windows for Bodies.
Rawle M Co Inc, 796, 7th av .....Circle 2090

Windlass Manufacturers.
Stimmel Samuel, 4 Bedford .....Spring 7829

Window Cleaners.
Standard House & Window Cleaning Co, 134-136 Broadway, Bklyn.....Wmsburg 5398

Window Display Fixtures, Forms, Wax Figures.
National Hanger & Fixture Mfg Co Inc "Faultless," 496-98 E 134th.....Melrose 4555

Window Displays—Artistic Novelties.
Doty & Scrimgeour Sales Co, 74 Duane...Worth 5395

Window Displays for National Advertisers.
Edgell A J, 1358 Bway.....Greeley 3453

Window Frames—Metal.
Gerdes & Company Inc (Also Iron Stairs, Railings, Grilles, Marquees), 28 Church .....Cortland 7673

Window Screens.
Eagle Weather Strip & Screen Co Inc, 1010 Fulton, Bklyn .....Prospect 8789

Window Shades.
Interstate Shade Cloth Co, 8th and Madison, Hoboken, N J.....Cortland 6874

Window Signs.
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) 71-73 Murray .....Barclay 5969

Wine Bottle Racks.
Hopkins & Co, 199 Franklin.....Franklin 3782

Wipers (White & Colored) All Kinds.
National Wiping Material & Supply Co, 525-527 Broome .....Spring 112

Wipers (Washed)— All Kinds of Remnants.
Economy Wiping Materials Co Inc, 453-455 W 16th .....Chelsea 8540

Wiping Cloths.
Ellice John Co The, 189 Washington....Cortland 3463

Wiping Cloths—AllNewRemnants—Cleaning Cloths.
Mill Remnants Co, 19 Bond.....Spring 5830
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Wiping Cloths, Cheese Cloths, New Mill Ends.
N Y Sanitary Wiping Rag Co, 11 Waverly pl.Spring 4360

Wiping Rags (Sanitary) Specialists.
Bernstein S & Son, 526-527 Broome.....Spring 112

Wire.
Leygrand & Company, (Aluminum and Fine Steel Wire) 120 Bway.....Rector 4794
See our Catalog Space, page 978

Wire (for Brooms, Mattress & Belt Lacing).
Josephie Geo Co Inc The, 227-229 WaterBeekman 3579

Wire (Insulated).
Acorn Insulated Wire Co Inc, 77 Richards, Bklyn.....Hamilton 1275

Wire (Manufacturers).
American Steel & Wire Co, 30 Church..Cortland 7484
Holyoke Covered Wire Co, 621 Broadway.Spring 5051
See our Catalog Space, page 1025

Wire Bale Ties.
Wilson H P & H F, 542 W 22d.....Chelsea 205

Wire Baskets of Every Description.
American Wire Form Co, Church cor Barclay .....Barclay 6753

Wire Belt Lacing.
Kerr & Company Inc, 114 Liberty.....Rector 1657

Wire, Braided, for Shunts, Mnfrs.
Fleck Carbon Co, 71 West Broadway.....Barclay 6796

Wire Cloth.
Beere Wire & Iron Works, 294-96 Taaffe pl, Bklyn ..... Prospect 7688
Multi Metal Separating Screen Co, 252 W 19th .....Chelsea 7995
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Wire Cloth Mnfrs.
Bennett Wire Company Inc, 18-21 Park Row .....Barclay 8720
Hopkins & Co, 199 Franklin.....Franklin 3782

Wire Cloth & Mining Screen.
Tyler W S Company The, 200 Fifth av..Gramercy 4595

Wire Fence.
Brook A T Fence Co, 37 Barclay.....Barclay 6278

Wire Fence, Chain Link Netting & Iron Railings.
Anchor Post Iron Works, 165 Bway....Cortland 4886
Brook A T Fence Co, 37 Barclay.....Barclay 6278

Wire Fence—Wire & Iron.
Cyclone Fence Company, Woolworth bldg.Barclay 3595
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Page Steel & Wire Co, 30 Church .....Cortland 3541

Wire Gauge Brushes for Dynamos, etc. (Mfrs.)
Election Supply Co, 98 Park pl .....Barclay 9748

Wire Glass.
Western Glass Co The (S Bryan Kneass, Agt), 393 Canal .....Canal 3867

Wire Goods.
Adler Kurt, 221, 4th av.....Stuyvesant 7594

Wire Goods & Forms Mnfrd by Automatic Machines.
Atlantic Wire & Metal Mfg Co, 589 Kent av Bklyn.....Wmsburg 395

Wire Guards.
Beere Wire & Iron Works, 294-96 Taaffe pl, Bklyn ..... Prospect 7688
Expanded Metal Engineering Co, 101 Park av.....Murray Hill 4097

Wire Guards, Railings, Elevator Enclosures, etc.
American Globe Wire Works, 429 E 15th ..... Stuyvesant 2568

Wire & Iron Work.
Cyclone Fence Company, Woolworth bldg .....Barclay 3595
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Page Steel & Wire Co, 30 Church.....Cortland 3541

Wire Lamp Shade Frames.
American Globe Wire Works, 429 E 15thStuyvsnt 2568

Wire Mesh Office Railings.
Beere Wire & Iron Works, 294-96 Taaffe pl, Bklyn ..... Prospect 7688

Wire Novelties, Plain and Covered Wire Springs.
Adams Geo P, 1286 Madison, Bklyn...Bushwick 295

Wire Office Railings.
Beere Wire & Iron Works, 294-96 Taaffe pl, Bklyn .....Prospect 7688
City Wire Works Inc (Manufacturers of Bank and Counter Iron Wire Railings, Folding Gates, Guards, Wire Window Screens, Partitions, Skylight Guards, etc), 269 Ave C....Stuyvsant 316

Wire, Resistance & Special Alloys.
Hoskins Mfg Co, Grand Central Terminal .....Murray Hill 5340

Wire, Rods, Galvanized, Export Shipments.
Railway Specialties Corp, 30 Church...Cortland 3602

Wire Rope.
International Bureau of Supplies, 135 Broadway .....Cortland 6997
Williamsport Wire Rope Co, 33 South....Hanover 1081

Wire Rope—All Kinds Mfrs.
Upson-Walton Co of N Y The, 291 Bway...Worth 918

Wire Rope Fittings.
Laughlin Thos Co The, 154 Nassau.....Beekman 3080

Wire Rope Mnfrs.
Moon George C Co Inc, 124 White....Franklin 2894

Wire—Rope—New—Used.
Brooklyn Paper Mills, 96-98 Jay, Bklyn.....Main 1395
Clark A B Company, 225, 5th av.....Mad Sq 7156

Wire Rope, Second Hand, All Sizes.
Kane Edward J, 59 Ann.....Beekman 5436

Wire Shapes.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Wire Specialties.
Beere Wire & Iron Works, 294-96 Taaffe pl, Bklyn .....Prospect 7688
Novelty Wire Works, 840 Broadway.....Stuyvsnt 1190

Wire Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), 77 Warren.....Barclay 8570

Wire Window Guards.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn.....Prospect 7688

Wire Work of All Kinds.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Wire Work and Ornamental Iron Works.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Wire Workers.
American Globe Wire Works, 429 E 15th Stuyvesant 2568
Hopkins & Co, 199 Franklin.....Franklin 3782
Kragel S & P, 32, 329 E 34th.....Murray Hill 1686
Rattey E, (Eagle Wire Brass Works, Est 1861), 136-8 W 24th.....Chelsea 782

Wire Works.
Beere Wire & Iron Works, 294-296 Taaffe pl, Bklyn .....Prospect 7688

Wireless Telegraph Equipment.
Cardwell Allen D, 251 West 19th.....Farragut 2084

Wood Preservatives.
Barrett Company The, 17 Battery pl.....Rector 600
Du Pont Chemical Works, Equitable bldg, 120 Broadway .....Rector 5727

Wood Stain Colors.
Horgan William J, 6 Platt.....John 1625

Wood Turners.
American Wood Working Co, 19 Warren..Barclay 6162
New York Wood Working Corporation, 506 E 19th .....Gramercy 3239
See our Catalog Space, page 1026
Peterson F W Co, (Special to Order Handles, Knobs, Boxes), 68 Thomas....Worth 2073
Wood Turning Co (Automatic Turnings & Wood Turning Novelties), 499 Stagg, Bklyn..Stagg 244
Wulkan & Glass Co The (Specialties for wax figures, display forms, wooden lamps, all kinds of turnings) 214 W Houston.....Spring 297

Wood Turners (Plain and Fancy Wood Enameling).
Estes E B & Sons, 362, 5th av.....Greeley 4820

Wood Turners & Novelty Work.
Pedersen B, 600 Kent av Bklyn.....Wmsburg 1028

Wood Work.
New York Wood Working Corporation, 506 E 19th.....Gramercy 3239
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Wood Work (Industrial).
New York Wood Working Corporation, 506 E 19th.....Gramercy 3239
See our Catalog Space, page 1026

Wood Workers(small turned shaped or molded parts).
Estes E B & Sons, 362, 5th av.....Greeley 4820

Wood Working Machinery.
Prybil Machine Co Inc, 512-524 W 41st..Bryant 1863
Rees & Stindt Machine Works, 534 W 58th .....Columbus 1693

Wood Working Machinery—New and Rebuilt.
Olney Geo H Co, 50 Church.....Cortland 3756

Wooden Specialties (Mfg. of).
New York Wood Working Corporation, 506 E 19th.....Gramercy 3239
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Woodenware.
Heitler Kurt, 221, 4th av.....Stuyvesant 7594

Woodenware Mfrs. (Rolling Pins, Ladles, Spoons, etc).
Estes E B & Sons, 362 Fifth av.....Greeley 4820

Wool.
Schwerdt Eug, 79 Wall.....Hanover 6184

Wool Dyes.
Sparks John C, 30 Church.....Cortland 1489

Wool—Hand Knitting.
Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Bway..Franklin 3740

NEW YORK CITY—cont'd

Wool Waste.
Ellice John Co The, 189 Washington...Cortland 3463

Woolen Shoddies Mfrs., Every Description.
Atlantic Woolen Mills, 527 Broome.....Spring 113

Woolen and Worsted Manufacturers.
Hanover Woolen Mnfg Co, 215 Fourth av.Stuyvsnt 3278
Oakes Thomas & Co, 41 Union square.Stuyvesant 1441

Woolens.
Arnstaedt & Company, 104 E 25th.....Mad Sq 4873
Bachmann L & Co, 257-265 Fourth av.Gramercy 1240

Woolens, Uniform Cloths.
Dusenbury Louis & Co Inc, 229, 4th av.Stuyvesant 7498

Worsted, Yarn—Hand Knitting Wool, Merino.
Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Bway..Franklin 3740

Worsteds.
Hird Samuel & Sons Inc, 257 Fourth av..Gramercy 846

Woven Wire Brushes for Dynamos, Etc. (Mfrs.)
Perfection Supply Co, 98 Park pl.....Barclay 9748

Wrapping and Packing Machines.
Escobales H Co, 64-66 Murray.....Barclay 6884
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Wrapping Paper.
Brown Company (Nibroc Kraft) Woolworth bldg.....Barclay 6185

Wreckers.
Merritt & Chapman Derrick & Wrecking Co, 17 Battery pl.....Rector 820

Wreckers & Divers.
Interocean Submarine Engineering Company Inc, 120 Bway.....Rector 3467

Wreckers—Iron and Steel Plants, Boilers, Machinery.
Leaf E B Co, 50 Church.....Cortland 2656
Sterling Iron & Steel Co, 943 Courtlandt av.....Melrose 2403

Wrench Manufacturers, Screw and Drop Forge.
Whitman & Barnes Mfg Co The (Ralph Templeton, Mgr), 64 Reade.....Worthington 3270

Wrenches.
Walden-Worcester Inc, (J H Faw Inc) 41 Warren.....Barclay 5057

Wrenches—All Kinds.
Scott J W Hardware Co, 30 Warren.....Barclay 6113

Writing Papers and Papeteries.
Weyand Charles E & Co Inc, 22-24-26 Howard.....Canal 8612

X-Ray Apparatus.
Kny Scheerer Corporation The, 404-410 W 27th.....Chelsea 5449

Yachts—Bought, Sold and Chartered.
Ford G W Yacht Agency, 30 East 42d.Murray Hill 3558

Yarns.
Brodsky M & Co Inc, 625 Broadway.....Spring 6624
Textile Yarn Agency Inc (Cotton, Woolen Worsted, Zephyr Knitting, Yarns), 435-437 Broadway.....Stagg 4271

Yarns—Cotton & Artificial Silk.
Gordon T, 113-115 Spring.....Spring 2151

Yarns (Hand Knitting) and Art Needle Work.
Bond E P & Co, 13-15 E 22d.....Gramercy 2143

Yarns—Hand Knitting Wool Worsted.
Carver-Beaver Yarn Co Inc (Successors to A D Salkeld & Bro Inc), 366 Bway..Franklin 3740

Yarns, Hand Knitting Worsted.
Bee-Eli Trading Co Inc, Bway & 34th....Greeley 2242

Yarns—Lath & Fodder (Mnfrs.)
Disbrow Cordage Co, 149 Church.....Barclay 5868

Zinc.
Wenger Paul & Co, 100 Broadway.....Rector 5083

Zinc Sheets.
Pope Trading Corp Inc, 90 West.....Rector 2436

NEWARK

Landscaping Shrubs, Trees and Roses.
Moore William C & Co, Commercial bldg..Newark 132

Shrubs, Roses, Trees, Fruit and Ornamented.
Moore William C & Co, Commercial bldg..Newark 132

Trees, Ornamental & Fruit Shrubs, Roses.
Moore William C & Co, Commercial bldg..Newark 132

NEWBURGH

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co (W L Smith) (For Oils, Alkalies & Benzol Products), 165 Broadway.....Newburgh 685

Roofing—Metal, Slate, Tile, Asphalt Shingles.
Atlas Roofing Co, 115-117 Clark.....Newburgh 901

NIAGARA FALLS

Barrels & Kegs.
International Cooperage Co Inc, Erie av and 9th st.....Niagara Falls 1450

Cooperage.
International Cooperage Co Inc, Erie av and 9th st.....Niagara Falls 1450

Detective Agencies.
Washington Detective Bureau Inc, Gluck bldg.....Niagara Falls 2447
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NORTH TONAWANDA

Contractors General.
Durolithic Co, Main.....Tonawanda 16

Greenhouse Builders.
King Construction Co, Wheatfield....Tonawanda 234

Motor Boats—Yachts & Flying Boat Hulls.
Niagara Motor Boat Co, 270 Sweeney.Tonawanda 841

OLEAN

Bricks, Manufacturers.
Sterling Brick Co, R R av and Beech st....Olean 42

Gas Engines—Air Cooled.
Myrick Machine Co Inc.....Olean 209

ONEIDA

Caps (Milk Bottle) and Liners.
Smith-Lee Co The (Discs and Liners for use of Confectioners, Chemists, Preservers, Picklers and Canners).....Oneida 550

OSWEGO

Boilers Marine.
Kingsford Foundry & Machine Works, 264 W 2d.....Oswego 70

PEEKSKILL

Fire-Brick—Stove Linings.
Peekskill Fire Brick Works Inc, 44 Water.....Peekskill 257-J

Glass Circles, Ovals and Squares For All Purposes.
Sunshine A, Crompond rd.....Peekskill 21-F

Pajamas & Nighties.
Maxwell T J & Co.....Peekskill 456-J

PELHAM

Organ Builders.
Estey Organ Company (J W Crooks), 75 Clifford av.....Pelham 1240-W

PENN YAN

Basket Manufacturers.
Yates Lumber Co.....Penn Yan 150

PORT CHESTER

Automobile Clothing.
Automobile Apparel Co, Bush av....Port Chester 906

Bolts & Nuts (Mnfrs.)
Russell Burdsall & Ward Bolt & Nut Co.....Port Chester 201

Nightrobes and Pajamas, "Men's".
Simons Ernest Mfg Co, Westchester av.....Port Chester 690

Nuts.
Russell Burdsall & Ward Bolt & Nut Co.....Port Chester 201

Rivets.
Russell Burdsall & Ward Bolt & Nut Co.....Port Chester 201

Sheets & Pillow Cases, "Cotton".
Simons Ernest Mfg Co, Westchester av.....Port Chester 690

Washers.
Russell Burdsall & Ward Bolt & Nut Co.....Port Chester 201

POUGHKEEPSIE

Monuments & Mausoleums.
Collins M W, 175-177 Main.....Poughkeepsi 979-W

ROCHESTER

Adding Machines.
Monroe Calculating Machine Co, Cutler bldg, 42 East av ..... Bell-Main 2225 Rochester-Stone 8343
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Addressing Machines.
Stickney & Montague Direx-All ..... Main 45

Advertisement & Business Writers.
Goodwin H C, 75 State ..... Main 224

Artificial Limbs.
Fuller Geo R Co, 230 Andrews ..... Main 2679

Autographic Registers & Roll Printers.
Egry Register Co The (James & Co), 47 North Clinton av ..... Bell-Main 2448 Rochester-Stone 4212

Banks.
Traders National Bank, 48 and 45 State ... Main 561

Barometers.
Taylor Instrument Companies, 95 Ames ..... Rochester-Stone 6700

Blue Printing Equipment.
Paragon Machine Co The, 77 South av ..... Bell-Main 3999 Rochester-Stone 4383

Boiler Makers.
Flower City Boiler Co Inc, (Sundays & Holidays call Genesee 3714-W), 382 Brown ..... Bell-Main 5481 Rochester-Stone 7909

Boilers, Engines & Machinery (New & Second Hand).
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
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Building Specialties. (Agents and Dealers).
Building Specialties Co Inc, 176 Clinton av S ..... Main 653

Calculating Machines.
Monroe Calculating Machine Co, Cutler bldg, 42 East av ..... Bell-Main 2225 Rochester-Stone 8343
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Cans.
American Can Co, Powers bldg ..... Main 2670

Cases—Eyeglass, Goggle or Spectacle.
Kirstein E Sons Co, 242 Andrew ..... Main 1764

Check Writers.
Add Protectograph Co, 1050 University av. Chase 1024

Cheese Slicers for Hotels, Clubs, Restaurant or Home.
Acker Sales Company, 165 North Water. Main 4483-M

Chemists—Analytical.
National Food Manufacturers Laboratory, 86 White ..... Main 5030

Chemists, Analytical & Consulting.
Will Corporation The (Reports, Investigations, Research, Factory Processes) 262 East av. Chase 4434

Civil Engineering.
Cary W C, 16 State ..... Main 761

Collecting Agencies.
National Collection Agency, 16 State ..... Main 1324
Gregg William C Co, Granite bldg ..... Main 5185-M

Compasses.
Taylor Instrument Companies, 95 Ames ..... Rochester-Stone 6700

Confectioners Machinery.
Werner John & Sons Inc, 718-729 Lake av ..... Rochester-Glenwood 492

Contractors Equipment—Second Hand.
Wilson Wm H Iron Works, 31-57 Industrial. Main 5131
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Cut Glass Manufacturers.
Genesee Cut Glass Co, 19 Montrose ..... Main 1184

Detective Agencies.
American Secret Service & Patrol System Inc, 16 State ..... Bell-Main 512 Rochester-Stone 612

Drafting Furniture, Tables, Cabinets, Boards, etc.
American Drafting Furniture Co, 14 Railroad ..... Chase 4410

Druggists, Wholesale.
Paine Drug Co The, 24 and 26 Main East. Main 713

Dumb Waiters.
Weaver Hardware Co (Sedgwick Machine Works Inc) 31 Main E ..... Main 988
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Weed & Company (Sedgwick Machine Works Inc), 15 Exchange ..... Main 1214
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Elastic Hosiery.
Fuller Geo R Co, 230 Andrews ..... Main 2679

Engineers Chemical.
Will Corporation The, 262 East av ..... Chase 4434

Engineers Consulting Industrial & Structural.
Fowler Herbert E, 262 East av ..... Chase 4434

Engines, Boilers & Machinery (New & Second Hand).
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
See our Catalog Space, page 976

Fans and Dust Collectors.
Allington & Curtis Mnfg Co, The, 98 Flower City Park ..... Main 4044

Fibre Containers.
American Can Co, Powers bldg ..... Main 2670

Fire Proof Doors & Windows.
Reliance Fireproof Door Co (Building Specialties Co Inc), 176 Clinton av S ..... Rochester-Stone 704

Glasses—Eye—(Shell or Rimless).
Kirstein E Sons Co (Sheltex Shur on Round or Drop Eye), 242 Andrew ..... Main 1764

Grocers, Wholesale.
Brewster, Crittenden & Co, 54 St Paul .... Main 895

Hydrometers.
Taylor Instrument Companies, 95 Ames ..... Rochester-Stone 6700

Law Book Publishers and Sellers.
Williamson Law Book Co, 41 State ..... Main 208

Lighting Fixtures for all purposes.
Brascolite (Wheeler-Greene Electric Co, Distributors), 29-33 St Paul ..... Main 2912
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Looseleaf Systems & Devices.
Martell A E Co (H E Wyman, Mgr), Elwanger & Barry bldg ..... Rochester-Stone 1012

Machine Designing.
Norris Arthur B, 39 State ..... Main 2936-J

Machinery.
Strong Homer (Jobber in Metal and Woodworking Machinery) 301-307 State Main 292

Machinery (Wood Working)
American Wood Working Machinery Co, 591 Lyell av ..... Genesee 1970

Machinery, Boilers and Engines (New & Second Hand).
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
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Manifold Books.
Martel A E Co (H E Wyman, Mgr), Elwanger & Barry bldg ..... Rochester-Stone 1012

Matting—Pyramid Aluminum.
Metallic Automobile Matting Co, 171 York ..... Bell-Genesee 2608 Rochester-Stone 3672

Metals—All Kinds.
Coates, Bennett & Reidenbach Inc, Hague St & N Y C R R ..... Genesee 1869

Mill Supplies.
Forster John M Co, 110 Mill ..... Main 3847-M

Motor Trucks.
Autocar Sales & Service Co The (A S Snyder), 158 South av ..... Main 6421

Optical Goods.
Kirstein E Sons Co, 242 Andrews ..... Main 1764

Optical Instruments and Lenses.
Bausch & Lomb Optical Co, 637 St Paul .. Main 399

Paper Dealers.
Myers R M & Co, 27-29 Exchange .... Bell-Main 298 Rochester-Stone 298

Perforated Metals.
Erdle Perforating Co, 171 York ..... Bell-Genesee 2608 Rochester-Stone 3672

Photographs—Hand Colored.
Schaefer-Ross Company Inc, 84 North ..... Main 6045

Pipe and Pipe Fittings (New and Second Hand).
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
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Printers.
United Litho & Printing Co's, 228-236 South av ..... Bell-Main 1209 Rochester-Stone 989

Pyrometers.
Taylor Instrument Companies, 95 Ames ..... Rochester-Stone 6700

Real Estate.
Bradstreet Realty Company, Granite bldg .. Main 2724

Riveting Machinery.
High Speed Hammer Co, 307 St Paul ..... Main 6355

Scales.
Rochester Scale Works, 187 North Water .. Main 5074

Scrap Iron.
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
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Shavings and Dust Collecting Systems.
Allington & Curtis Mnfg Co, The, 98 Flower City Park ..... Main 4044

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Sidewalk Lights—Reinforced Concrete.
Grauer Albert & Co (Bruner System, American Clay & Cement Corpn, Rep), German Insurance bldg ..... Main 3460

Skylights—Reinforced Concrete.
Grauer Albert & Co (Grauer System American Clay & Cement Corpn, Rep), German Insurance bldg ..... Main 3460

Spectacles—Shell Rimmed or Rimless.
Kirstein E Sons Co, 242 Andrew ..... Main 1764

Steel.
Strong Homer (Large Warehouse Stock, Cold Rolled Steel), 301-307 State ..... Main 292

Sterilizers.
Wilmot Castle Company, 800 St Paul ... Bell-Main 5570
..... Rochester-Stone 3175

Surveyors.
Gray W C, 16 State ..... Main 761

Telephone Exchange Equipment (Complete).
Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

Telephone Switchboards (Farm, Town and City).
Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

Telephone Systems—Intercommunicating.
Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

Telephones (Farm, Town & City).
Stromberg-Carlson Telephone Mfg Co, Bell-Chase 1027
1050 University av ..... Rochester-Stone 1941

Thermometers.
Taylor Instrument Companies, 95 Ames ..... Rochester-Stone 6700

Time Stamps and Cost Keeping Systems.
Baird Equipment Co (The Elbert Clarke Co, Agts), Chamber of Commerce bldg .. Main 5880

Tool Chests for Machinists, Tool Makers, etc.
Union Tool Chest Works, 14 Railroad ..... Chase 4410

Tools.
Genesee Precision Tool & Die Co, 105 N Water ..... Main 3371

Toys and Wood Novelties.
Multikraft Inc, 39-45 State Bell-Main 4537
..... Rochester-Stone 8303

Typewriters—Portable.
Corona Typewriter Company Inc, 271 Main E. Main 2369

Water Supply Systems.
Sloan Samuel & Co (Leader Iron Wks), Bell-Main 168
67-71 Exchange ..... Rochester-Stone 168

Weather Strips.
Diamond Metal Weather Strip Co The (Building Specialties Co), 176 Bell-Main 653
Clinton av ..... Rochester-Stone 704
Monarch Metal Weather Strip Co The (Abner-Adams Co, Distributors), 47 East av .. Main 284
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Niagara Metal Weather Strip Co (Wm J Schilthauer), R F D Spencerport, Lexington av ..... Main 3975-R

Wood and Furniture Novelties and Turnings.
Multikraft Inc, 39-45 State Bell-Main 4537
..... Rochester-Stone 8303

Wood Working Machinery.
American Wood Working Machinery Co, 591 Lyell av ..... Genesee 1970

Wreckers—Iron & Steel Plants—Boilers & Machy.
Wilson Wm H Iron Works, 31-57 Industrial .. Main 5131
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SARATOGA

Carbonic Acid Gas.
General Carbonic Co ..... Saratoga Springs 67-J

SCHENECTADY

Belting.
Alexander Bros Leather Belting (Clark Witbeck Co), 416 State ..... Schenectady 3550

Leather Belting.
Alexander Bros Leather Belting (Clark Witbeck Co), 416 State ..... Schenectady 3550

SILVER CREEK

Canning Machinery.
Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

Coffee Machinery.
Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

Flour Mill Machinery.
Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

Grain & Seed Cleaners.
Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

Rice Machinery.
Huntley Manufacturing Co, 10 Mechanic ..... Silver Creek 163

SINCLAIRVILLE

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Fenner C C, R F D 41 ..... South Stockton 7-R-32

SKANEATELES

Cable Grips.
Universal Cable Grip Co ..... Skaneateles 201
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Drive Anchors.
Universal Cable Grip Co ..... Skaneateles 201
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Manhole Guards.
Universal Cable Grip Co ..... Skaneateles 201
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SPRINGVILLE

Canned Vegetables & Fruits.
Springville Canning Co The ..... Springville 128-R

SYRACUSE

Adding Machines.
Monroe Calculating Machine Co, Dillaye Memorial bldg ..... Warren 439
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Bars for Re-Inforced Concrete.
Corrugated Bar Co, Union bldg ..... Warren 5369

Belting—Leather, Rubber, Balata and Canvas.
Onondaga Belting & Supply Co, 362 W Fayette ..... Warren 1302-W

Binders.
Syracuse Press Inc The, 205-213 Walton. Warren 128

Brass Founders & Finishers.
Caldwell E R & Son Brass Co, 619 W Fayette ..... Warren 5719

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Monroe Calculating Machine Co, Dillaye Memorial bldg ..... Warren 439
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Civil Engineering.
Higgins G E, Wieting blk ..... Warren 1765-W

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The, Onondaga Bank bldg .. Warren 1280

Coal Bags—Manufacturers.
Ryan Tent Co, 313 W Fayette ..... Warren 1100

Composition Flooring.
Santilite Corporation, 104-108 Tully .... Warren 2350

Concrete Re-Inforcing, Bars & Mesh.
Corrugated Bar Co, Union bldg ..... Warren 5369

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Brascolite (Mohawk Electrical Supply Co, Distributors), 325 S Warren ..... Warren 8900
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Fibre Wood Carving and Casket Ornamentation.
Syracuse Ornamental Co, 581 S Clinton. Warren 1079

Iron, Architectural & Ornamental.
Syracuse Standard Iron Works Co, 315½ Burt ..... Warren 2808-W

Laboratory Equipment.
Baker F M Apparatus Co Inc, 408 S Franklin ..... Warren 5578-W

Lathes—9" Swing (Manufacturers).
Porter-Cable Machine Co The, 1708 N Salina ..... James 1974

Lathes—Tool Room (Manufacturers.)
Mulliner Enlund Tool Co Inc, 539-41 S Clinton ..... Warren 5563

Laundry Machinery.
United States Hoffman Machinery Co Inc, 329 Temple ..... Warren 7156

Milling Attachments Vertical (Manufacturers).
Porter-Cable Machine Co The, 1708 N Salina ..... James 1974

Monuments.
Harrison Granite Co (Harry L Davis), 1206 E Adams ..... Warren 3864
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Monuments & Mausoleums.
Harrison Granite Co (Harry L Davis), 1206 E Adams ..... Warren 3864
See our Advertisement, Inside Back Cover

Organ Builders.
Estey Organ Company (H H Solt), 700 Teall av .....James 1041

Printers.
Syracuse Press Inc The, 205-213 Walton.Warren 128

Soaps—Manufacturers.
Robertson J T Co The, 147 Richmond av..James 870

Tents to Rent.
Ryan Tent Co, 318 W Fayette.....Warren 1100

Tool Room Lathes (Manufacturers).
Mulliner Enlund Tool Co Inc, 539-41 S Clinton .....Warren 5568

Tools—Drills, Cutters.
Barnes & Irving Inc, 563-5 S Clinton....Warren 7838

Typewriters—Portable.
Corona Typewriter Company Inc, 320 S Salina .....Warren 144

Water Supply Systems.
Pierce Butler & Pierce Mfg Corp (Leader Iron Wks), 282 James .....James 1100

Weather Strips.
Monarch Metal Weather Strip Co The (Abner-Adams Co, Distributors), New Rosenbloom bldg .....Warren 5506
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Addressing Machines.
American Kardex Company, Main, Wheeler and Franklin .....Tonawanda 869
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Filing Systems.
American Kardex Company, Main, Wheeler and Franklin .....Tonawanda 869
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Lumber, Wholesale.
Smith Fassett & Co, Michigan.....Tonawanda 17

Office Equipment & Systems.
American Kardex Company, Main, Wheeler and Franklin.....Tonawanda 869
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Pattern Lumber.
Smith Fassett & Co, Michigan.....Tonawanda 17

Visible Card Indexes.
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TROY

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Churst Machine Works (Manufacturers General Types, Especially Self-Balancing Extractors) 648 Fulton .....Troy 1946

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Ready Machine Co, 396N 8d av .....North 532-J

Laundry—Hospital Dry Cleaners Machinery.
Interstate Machinery Co, 3104 Seventh av....Troy 2674

Lithographers.
Burleigh Lithographing Co, 861 River.....Troy 1086

Printing Machines for Collars, Shirts & Underwear.
Ready Machine Co, 396N 8d av .....North 532-J

Steam Traps.
Corliss Valve Steam Trap (Fred K Blanchard), 422 River.....Troy 355

UTICA

Automobile Bodies.
Willoughby Company, Turner & Dwyer.....Utica 579

Belting.
Alexander Bros Leather Belting (Chas Millar & Son Co), 501 Main.....Utica 4000

Fireproof Building Materials.
General Fireproofing Co The, Clarendon bldg .....Utica 3230-W

Fishing Rods.
Divine Fred D Co The, 505 Roberts.....Utica 2370-J

Foundries—Bronze, Brass, Aluminum Bearing Metals.
Iroquois Foundries Inc, 474 Genesee.....Utica 5294

Grease & Tallow.
Stapperbeck H & Sons, 2000 Canal.....Utica 412

Leather Belting.
Alexander Bros Leather Belting (Chas Millar & Son Co), 501 Main.....Utica 4000

Manufacturers Agents.
Hotaling G F Co Inc, Mayro bldg.....Utica 693

Moving, Packing, Shipping & Storage of Household Goods.
Utica Carting Co, 69-85 Genesee.....Utica 777
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Packers, Shippers, Movers & Storage of Household Goods.
Utica Carting Co, 69-85 N Genesee.....Utica 777
See our Catalog Space, page 1011

Shipping, Packing, Moving & Storage of Household Goods.
Utica Carting Co, 69-85 N Genesee.....Utica 777
See our Catalog Space, page 1011

Storage, Shipping, Packing & Moving of Household Goods.
Utica Carting Co, 69-85 N Genesee.....Utica 777
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Tallow & Grease.
Stapperbeck H & Sons, 2000 Canal.....Utica 412

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Millar Chas & Son Co (Leader Iron Wks), 501 Main .....Utica 4000

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Colored Papers.
Gilbert Frank Paper Co, Kings Canal..Waterford 183
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Weekes John & Son Co (Leader Iron Wks), 224 Factory .....Watertown 1960

WESTBROOKVILLE

Blanket Manufacturers (Horse & Bed).
Ashworth's J E Sons, Westbrookville...Otisville 23-F-5

WHITE PLAINS

House Trim.
Kelsey Smith & Co, Westmoreland av.White Plains 655

Interior & Exterior House Trim.
Kelsey Smith & Co, Westmoreland av.White Plains 655

YONKERS

Automobile Repairers.
Chadburn Samuel, 226 South Broadway..Yonkers 2308

Heating—Ventilating.
Williams & Cullinan, 26 Dock.....Yonkers 2220

Oxy-acetylene Welding.
Chadburn Samuel, 226 South Broadway..Yonkers 2308

Paper Boxes, Sanitary Containers & Drinking Cups.
Sanitary Paper Box Co Inc, 12 N Broadway.Yonkers 4788

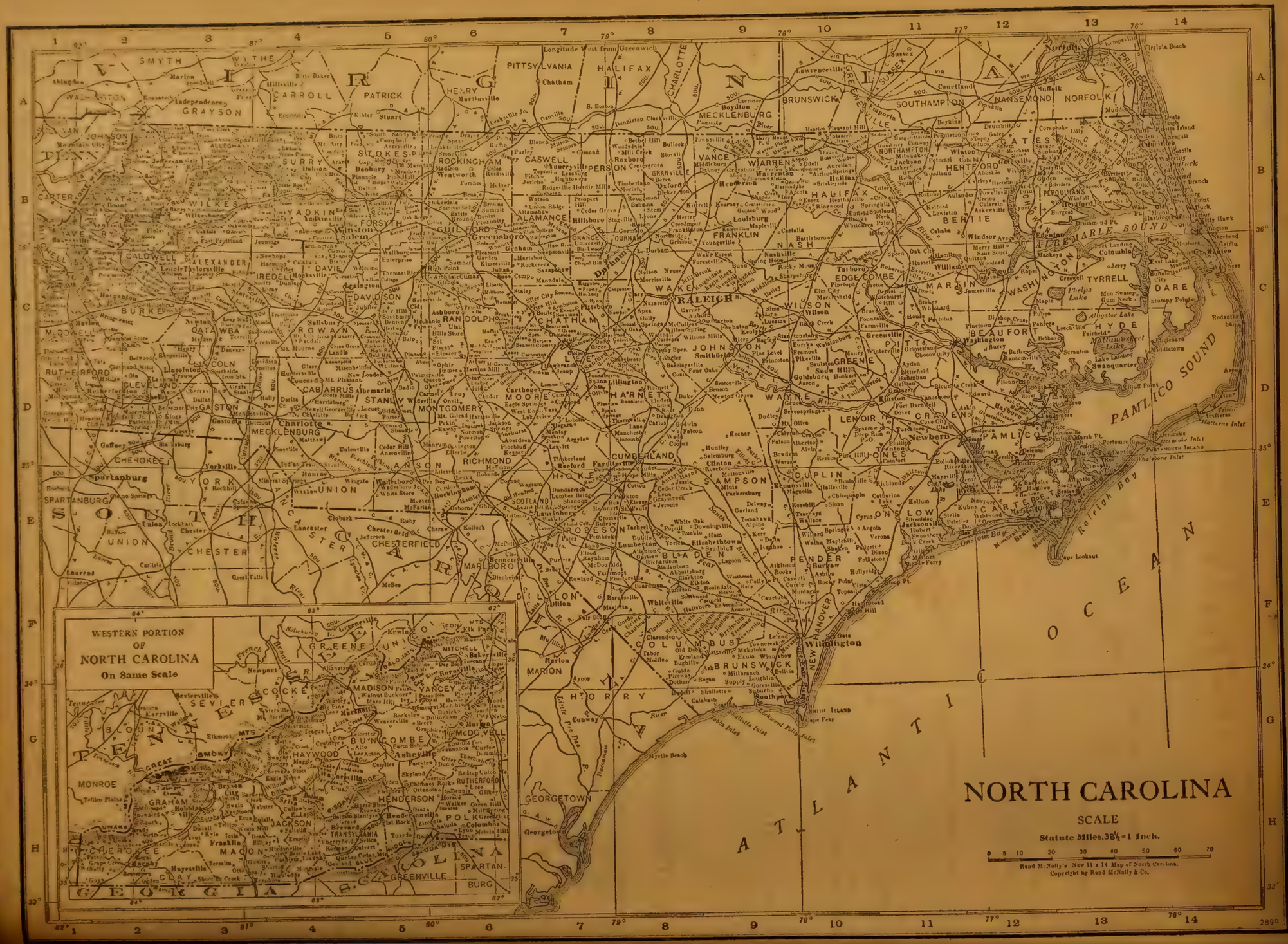
Pipe Threading and Cutting Machinery.
Saunders D Sons Inc, 25 Atherton.....Yonkers 36

Scrap Iron.
McMahon John F, Ft Wells av.....Yonkers 3651

Silk Throwing.
Littauer L & Co Inc, 179 Riverdale av...Yonkers 3885

Steam & Hot Water Heating.
Williams & Cullinan, 26 Dock.....Yonkers 2220

Storage (Fireproof).
McCann James, 1-3 Mill.....Yonkers 4912


NORTH CAROLINA
SCALE
Statute Miles, 38½ = 1 Inch.
0 5 10 20 30 40 50 60 70
Rand McNally's New 11 x 14 Map of North Carolina.
Copyright by Rand McNally & Co.
WESTERN PORTION OF NORTH CAROLINA On Same Scale
ATLANTIC OCEAN
PAMLICO SOUND
ALBEMARLE SOUND
Longitude West from Greenwich
VIRGINIA
SOUTH CAROLINA
TENNESSEE
GEORGIA
Raleigh
Charlotte
Durham
Wilmington
Newbern
Asheville
Greensboro
Winston-Salem
Fayetteville
Goldsboro
Rocky Mount
Kinston
Elizabeth City
Edenton
Hatteras Inlet
Ocracoke Inlet
Beaufort Inlet
Cape Fear
Cape Lookout
Roanoke Inlet
Currituck Inlet
Oregon Inlet
Wachapreague Inlet
Chincoteague Inlet
Cape Henry
Cape Charles
Norfolk
Virginia Beach
Cape Hatteras
Kitty Hawk
Nags Head
Manteo
Roanoke Island
Ocracoke Island
Portsmouth Island
Bogue Inlet
Masonboro Inlet
Lockwoods Folly Inlet
Shallotte Inlet
Little Tow Inlet
Tubbs Inlet
Myrtle Beach
Georgetown
Conway
Southport
Smith Island
Cape Fear
Morehead City
Beaufort
Swanquarter
Hyde Park
Pamlico Point
Roanoke Bay
Albemarle Sound
Pamlico Sound
Raleigh Bay
Onslow Bay
Bogue Sound
Core Sound
Pamlico Sound
Currituck Sound
Croatan Sound
Roanoke Sound
Pungo Lake
Phelps Lake
Alligator Lake
Mattamuskeet Lake
Swan Quarter Bay
Pungo River
Neuse River
Tar River
Roanoke River
Chowan River
Cape Fear River
Lake Waccamaw
Lake Phelps
Lake Mattamuskeet
Lake Landing
Lake Ellis
Lake Scuppernong
Lake Mackey
Lake Ellen
Lake Gaston
Lake Norman
Lake Wylie
Lake Lure
Lake Toxaway
Lake Jocassee
Lake Keowee
Lake Hartwell
Lake Thurmond
Lake Jackson
Lake Gaston

NORTH CAROLINA

NORTH CAROLINA

Land area		48,740
Water area		3,686
Population	(Estimated)	2,418,559
White		1,500,511
Negro		697,843
All others		7,933
Foreign-born white	(U. S. Census 1910)	5,942
Native white		1,494,569
Male		1,098,476
Female		1,107,811

INDEX TO PRINCIPAL CITIES

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2	Beaufort	E	12
3	Belhaven	C	12
1	Belmont	D	3
2	Bessemer City	D	3
1	Burgaw	F	10
5	Burlington	B	7
1	Canton	G	4
2	Caroleen	D	2
1	Chadbourn	F	8
1	Chapel Hill	C	7
40	Charlotte	D	4
1	Cherryville	D	3
1	Clayton	C	9
1	Clinton	E	9
9	Concord	D	4
2	Cooleemee	C	4
1	Dallas	D	3
1	Davidson	D	4
2	Dunn	D	8
35	Durham	C	8
2	East Durham	C	8
3	Edenton	C	12
10	Elizabeth City	B	13
1	Enfield	B	10
7	Fayetteville	E	8
2	Forest City	D	1
2	Franklinville	C	6
1	Fremont	D	10
6	Gastonia	D	3
1	Gibsonville	B	7
6	Goldsboro	D	10
3	Graham	C	6
20	Greensboro	B	6
4	Greenville	C	11
2	Hamlet	E	6
5	Henderson	B	9
3	Hendersonville	H	5
2	Henrietta	D	2
2	Hertford	B	13
4	Hickory	C	3
13	High Point	C	6
1	Hope Mills	E	8
1	James City	D	12
1	Kernersville	B	5
2	Kings Mountain	D	3
7	Kinston	D	11
1	La Grange	D	10
2	Laurinburg	E	7
1	Leaksville	B	6
3	Lenoir	C	2
4	Lexington	C	5
2	Lincolnton	D	3
1	Littleton	B	10
2	Louisburg	B	9
2	Lumberton	E	8
1	McAdenville	D	4
1	Madison	B	6
2	Marion	C	2
1	Maxton	E	7
1	Mocksville	C	4
4	Monroe	E	4
3	Mooresville	C	4
2	Morehead City	E	12
3	Morganton	C	2
4	Mount Airy	B	4
1	Mount Olive	D	10
1	Murphy	H	[illegible]
10	Newbern	D	11
2	Newton	C	3
2	Northwilkesboro	B	3
3	Oxford	B	8
2	Plymouth	C	12
20	Raleigh	C	[illegible]
1	Ramseur	C	6
2	Randleman	C	6
1	Red Springs	E	7
5	Reidsville	B	6
2	Roanoke Rapids	B	10
2	Rockingham	E	6
12	Rocky Mount	C	10
1	Roxboro	B	8
1	Rutherfordton	D	[illegible]
7	Salisbury	C	4
2	Sanford	D	7
2	Scotland Neck	B	11
1	Selma	D	9
3	Shelby	D	2
1	Smithfield	D	9
1	Southport	G	9
2	Spencer	C	5
1	Spring Hope	C	9
5	Statesville	C	3
4	Tarboro	C	10
4	Thomasville	C	5
1	Troy	D	6
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1	Wake Forest	C	9
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2	Waynesville	G	4
2	Weldon	B	10
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7	Wilson	C	10
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ASHEVILLE

Electric Lighting Fixtures for all Purposes.

Irascolite (Piedmont Electric Co, Distributors), Electric bldg.....
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Real Estate—Mineral Lands, Timber & Water Power.

Asheville Real Estate Exchange Co, Park Square .....Asheville 3031

CHARLOTTE

Belting.

Alexander Bros Leather Belting (Textile Mill Supply Co The), 51 S College. Charlotte 2781
Charlotte Leather Belting Co, 5th & Graham .....Charlotte 1027

Electric Lighting Fixtures for all purposes.

Reflectolyte Company The (Electric Supply & Equipment Co, Distributors), 220 W 1st .....Charlotte 3647
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Leather Belting.

Alexander Bros Leather Belting (Textile Mill Supply Co The), 51 S College. Charlotte 2781
Charlotte Leather Belting Co, 5th and Graham .....Charlotte 1027

Monuments.

Charlotte Marble & Granite Works, 609 to 701 W 7th.....Charlotte 281

Quill Cleaning Machinery.

Terrell Machine Co The, 10 E 4th.....Charlotte 2987

Weather Strips.

Niagara Metal Weather Strip Co (James H Bost), Realty bldg.....Charlotte 2383-J

GREENSBORO

Automobile Oils.

Indian Refining Co, (Havoline Oil) East Washington and Dean.....Greensboro 345
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Belting.

Alexander Bros Leather Belting (Odell Hardware Co), S Elm.....Greensboro 1800

Billiard Table Mnfrs. and Dealers in Supplies.

Greensboro Billiard Mfg Co, 508-10 S Elm .....Greensboro 1637

Bonds, Guarantee.

National Surety Company (Max T Payne, Mngr), Benbow Arcade.....Greensboro 157

Bonds, Surety.

National Surety Company (Max T Payne, Mngr), Benbow Arcade.....Greensboro 157

Burglary Insurance.

National Surety Company (Max T Payne, Mngr), Benbow Arcade.....Greensboro 157

Leather Belting.

Alexander Bros Leather Belting (Odell Hardware Co), S Elm .....Greensboro 1800

Surety Bonds.

National Surety Company (Max T Payne, Mngr), Benbow Arcade.....Greensboro 157

Tents, Awnings & Tarpaulins.

Greensboro Tent & Awning Co, 227 ½ S Elm .....Greensboro 2213

Weather Strips.

Monarch Metal Weather Strip Co The (D E Harllee Co Inc, Distributors), 109 E Sycamore.....Greensboro 2432
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RALEIGH

Hotels.

Yarborough The, Fayetteville Opp P O...Raleigh 1667

Weather Strips.

Niagara Metal Weather Strip Co(McDonald & Thomas), 313 S Wilmington.....Raleigh 1349

WILMINGTON

Belting.

Alexander Bros Leather Belting (Standard Supply Co), Castle Hayne rd.....Wilmington 400

Leather Belting.

Alexander Bros Leather Belting (Standard Supply Co), Castle Hayne rd.....Wilmington 400

NORTH DAKOTA
SCALE
Statute Miles, 37½ - 1 Inch.
0 5 10 20 30 40 50
Rand McNally's New 11 x 14 Map of North Dakota.
Copyright by Rand McNally & Co.
FORT BERTHOLD INDIAN RES.
DIVIDE
BURKE
WILLIAMS
MOUNTRAIL
MCKENZIE
DUNN
GOLDEN VALLEY
BILLINGS
STARK
SLOPE
BOWMAN
ADAMS
HARDING
PERKINS
CORSON
HETTINGER
GRANT
SIOUX
MORTON
OLIVER
MERCER
BURLEIGH
KIDDER
STUTSMAN
BARNES
EMMONS
LOGAN
MCINTOSH
DICKEY
LAMOURE
RANSOM
SARGENT
CASS
CLAY
NORMAN
TRAILL
STEELE
GRIGGS
FOSTER
WELLS
SHERIDAN
EDDY
NELSON
GRAND FORKS
WALSH
PEMBINA
CAVALIER
RAMSEY
TOWNER
BOTTINEAU
ROLETTE
MCHENRY
WARD
MINNEHAHA
MARSHALL
ROBERTS
BROWN
MCPHERSON
CAMPBELL
Minot
Bismarck
Mandan
Devils Lake
Grand Forks
Fargo
Jamestown
Valley City
Williston
Dickinson
Hettinger
Cando
Rugby
Towner
Langdon
Carrington
Cooperstown
Ellendale
Ashley
Napoleon
Linton
Hazelton
Kort Yates
Mott
Beach
Medora
Amidon
Bowman
Mandan

NORTH DAKOTA

NORTH DAKOTA

Land area	70,183
Water area	654
Population (Estimated)	752,260
White	569,855
Negro	617
All others	6,584
Foreign-born white (U. S. Census 1910)	156,158
Native white	413,697
Male	317,554
Female	259,502

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(See map, opposite page)

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5 Bantry .....C 8
7 Belfield .....F 3
5 Berthold .....C 6
7 Berwick .....C 9
7 Bowbells .....B 5
5 Bowman .....G 2
6 Buxton .....D 16
7 Cavalier .....B 12
5 Churchs Ferry ..C 11
5 Coteau .....B 5
5 Courtenay .....E 13
5 Denhoff .....E 9
5 Deslacs .....C 6
6 Drayton .....B 15
7 Driscoll .....J 17
5 Dunseith .....B 6
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7 Fessenden .....E 10
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6 Kathryn .....F 13
5 Kensal .....E 12
6 Kindred .....F 16
6 Kulm .....G 12
9 La Moure .....G 13
7 Leeds .....C 11
6 Linton .....G 9
8 Marmarth .....G 1
6 Milnor .....G 15
7 Minto .....C 15
7 Mott .....G 5
7 Munich .....B 12
7 Napoleon .....F 10
6 New England ...F 4
6 New Salem ....F 6
8 Northwood ....D 14
7 Pembina .....B 15
6 Portland .....D 15
6 Powers Lake...B 4
6 Richardton .....J 7
6 Rolla .....B 10
7 Sheyenne .....D 12
7 Towner .....C 9
8 Turtle Lake ....E 8
8 Velva .....C 8
6 Wales .....B 12
6 Walhalla .....B 14
7 Washburn .....E 8
6 Westhope .....B 7
6 Willow City ...B 8
6 Wimbledon ....E 13

FARGO

Washing Machines Manufacturers.

Maytag Company The, 806-10 Northern Pacific av .....Fargo 578

OHIO

AKRON

Aluminum (Flake—Miners and Refiners).

Aluminum Flake Co The, Ohio bldg.....Main 205

Automobile Tire Repair Equipment.

Williams Foundry & Machine Co The, 62-66 Cherry ..... Bell-Main 1279 Ohio State 1559

Badge Manufacturers—Metal.

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951 Ohio State 2583

Balloons—All Kinds, Airships.

Novelty Rubber Sales Co, 346 West Market ..... Bell-Main 232 Ohio State 4061

Balloons—All Kinds, Watermelons, Airships.

Western Reserve Rubber Co The, 154 Kenmore blvd ..... Main 4262

Balloons of every kind, Foot Balls & Rubber Toys.

Anderson Novelty Rubber Co, 124 North Union ..... Main 5653

Belting.

Alexander Bros Leather Belting (Mill & Mine Supply Co).....Bell-Portage 800 Ohio State 5308

Belting Leather, Rubber, Canvas & White Cotton.

Akron Belting Co The, 70-74 Canal .....Bell-Main 240 Ohio State 1240

Canvas Belting.

Akron Belting Co The, 70-74 Canal ..... Bell-Main 240 Ohio State 1240

Chemical—Stoneware Acid Proof Manufacturers.

Weeks A J, 926 East Market.....Main 1120

Cotter Manufacturers, Spring and Cedar Box.

Ohio Wire Goods Mfg Co The (The Efficiency), 1071 Bank.....Bell-Main 3339 Ohio State 4425

Detective Agencies.

Central Union Detective Agency, Walsh bldg .....Bell-Main 2989 Ohio State 1593

Drills—Twist, Carbon and High Speed.

Whitman & Barnes Mfg Co The, 114 East Buchtel av ..... Bell-Main 5080 Ohio State 2148

Enamelers & Wood Turners.

Baker, McMillen Co The, 134 East Miller av .....Bell-Main 100 Ohio State 2984

Furnaces, Warm Air Mnfrs.

May-Fieberger Co The, 14-18 North Howard ..... Bell-Main 114 Ohio State 4114

Gear Manufacturers (Cut) & Special Machinery.

Akron Gear & Engineering Co The, South & S High .....Main 854

Hydraulic Press and Vulcanizer for Auto Tires.

Williams Foundry & Machine Co The, 62-66 Cherry .....Bell-Main 1279 Ohio State 1559

Leather Belting.

Akron Belting Co The, 70-74 Canal ..... Bell-Main 240 Ohio State 1240

Alexander Bros Leather Belting (Mill & Mine Supply Co).....Bell-Portage 800 Ohio State 5308

Mattresses (Box Spring) & Pillow Manufacturers.

Akron Mattress Mfg Co The, 693 Railroad ..... Bell-Main 1721 Ohio State 2889

Metal Stamping and Die Makers.

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951 Ohio State 2583

Motor Trucks.

Autocar Sales Service Co The (R H Noah Motor Co), 34 N Bway.....Bell-Main 516 Ohio State 1808

Moulds and Cores for Auto Tires.

Williams Foundry & Machine Co The, 62-66 Cherry .....Bell-Main 1279 Ohio State 1559

Paper Machinery—Globe Cylinder Bleaching Boilers.

Biggs Boiler Works Co The, Seneca & Bank ..... Bell-Main 5050 Ohio State 2121

Real Estate—Industrial and Business Properties.

Akron Associates Co The, Ohio bldg ..... Bell-Main 2254 Ohio State 2254

Reamers

Whitman & Barnes Mfg Co The, 114 East Buchtel av .....Bell-Main 5080 Ohio State 2148

Regulators—Manufacturers for Furnaces.

Akron Stamp & Stencil Co, 35 Bowery ..... Bell-Main 4951 Ohio State 2583

Rubber Belting.

Akron Belting Co The, 70-74 Canal ..... Bell-Main 240 Ohio State 1240

Rubber Machy Vulcanizers, Devulcanizers, Steel Tanks.

Biggs Boiler Works Co The, Seneca & Bank ..... Bell-Main 5050 Ohio State 2121

Rubber Scrap, New and Old.

Muehlstein H & Co, Second National Bank bldg .....Main 2535

Sewer Pipe & Wall Coping Manufacturers.

Granite Clay Co The, Hamilton bldg....Bell-Main 102 Ohio State 2443

Sidewalk Lights, Reinforced Concrete.

Grauer Albert & Co (Bruner System, Flower Mantle Co, Rep), 19 S High ..... Bell-Main 676 Ohio State 1676

Skylights—Reinforced Concrete.

Grauer Albert Co (Grauer System, Flower Mantle Co, Rep), 19 S High ..... Bell-Main 676 Ohio State 1676

OHIO
SCALE
Statute Miles 34½ = 1 Inch.
Rand McNally's New 11 & 14 Map of Ohio.
Copyright by Rand McNally & Co.
MAP OF
HAMILTON CO.
OHIO.
SCALE OF MILES.
MICHIGAN
LAKE ERIE
INDIANA
KENTUCKY
WEST VIRGINIA
PENNSYLVANIA
CINCINNATI
COLUMBUS
CLEVELAND
TOLEDO
OHIO RIVER

OHIO

Land area		40,740
Water area		300
Population	(Estimated)	5,181,220
White		4,654,897
Negro		111,452
All others		772
Foreign-born white	(U. S. Census 1910)	597,245
Native white		4,057,652
Male		2,434,758
Female		2,332,363

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4 Barnesville ....D 10
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9 Bellefontaine ...D 5
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9 Bucyrus .....C 6
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1 Caldwell .....E 10
14 Cambridge .....D 9
7 Canal Dover ...D 10
61 Canton .....C 10
1 Cardington ....D 7
2 Carey .....C 6
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Van Duzen E W Co The, 428 E 2d.....Canal 3390

Belt Dressing.
Black Diamond Mfg Co, 1219 Bank.....West 1499

Belting.
Alexander Bros Leather Belting (The Wirthlin-Mann Co), 318 W 3d.....Main 3380
Atlas Rubber & Belting Co The, 312-314 Walnut .....Main 377

Belting, Cotton.
Buettner Chas H Co The, 1926 W 8th.....West 4536

Belting Leather.
Detroit Oak Belting Co (Vulcan Supply Co), 120 Sycamore.....Main 1068

Birds & Pets.
Haller's Bird Store, 1108 Vine.....Canal 1200-Y
Market Pet Store, 227 W 6th.....Canal 3209
Smith's Pet Shop, 813 Madison av, Covington, Ky .....South 777-Y

Blow Pipe & Shaving Systems Designed & Installed.
Phillips H & Company, 523 W 8th.....West 4346

Blue Prints.
Prince L M Co, 108 W 4th.....Main 17

Boilers.
Tudor Boiler Mfg Co The, 715 E 3d.....Canal 3430

Boilers, Engines and Machinery.
Randle Machinery Co The, 1723 Powers....Park 1905

Bookbinders.
Kennedy Chas A & Son, 423 Main.....Main 2558
Steinmann Emil, 409 Main.....Main 4499

Bookbinders' Supplies.
Queen City Paper Co The, 515-17-19 Eggleston av .....Canal 4244

Bottle Packing.
Excelsior Supply Co, 2d and Smith.....Main 924

Box Boards.
Browne & Stuart Co The, Neave bldg.....Main 1122
Queen City Paper Co The, 515-17-19 Eggleston av .....Canal 4244

Box Shooks.
Cincinnati Wire Bound Box Co, Carthage Pike & Big 4 R R St Bernard.....Avon 863

Box Strapping.
Robertson W F Steel & Iron Co, Elm and Commerce nw cor .....Main 1704

Boxes, Manufacturers.
Cincinnati Wire Bound Box Co The, Carthage Pike and Big 4 R R, St Bernard.....Avon 863

Boxes, Manufacturers, Corrugated and Fibre.
Mid-West Box Co, 711 Gwynne bldg.....Canal 1751
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Boxes, Wire Bound.
Cincinnati Wire Bound Box Co, Carthage Pike & Big 4 R R St Bernard.....Avon 863

Boxes, Wooden.
Cincinnati Wire Bound Box Co, Carthage Pike & Big 4 R R St Bernard.....Avon 863

Brass, Bronze & Steel Work, Architectural & Ornamental
Cincinnati Mfg Co The, Gest and Evans.....West 2519
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Brass Castings, Bronze and Aluminum Castings.
Anchor Brass & Aluminum Co The, 1108 Harrison av .....West 4410

Brass & Copper.
Ohio Brass & Copper Co The, 412 Elm.....Main 405

Brass Dies & Stamps.
Fries Anthony J, 717 Sycamore.....Canal 670

Brass Railings.
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Brass Signs.
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Bridges, Steel.
American Bridge Company, Union Trust bldg.Main 3946

Bronze, Iron & Wire Work.
Cincinnati Mfg Co The, Gest and Evans.....West 2519

Bronze & Ornamental Iron.
Michaels Art Bronze Co The, 230-240 Scott, Covington, Ky .....South 3100

Broom Corn & Supplies.
Jelke F & Son Co The, 53 Walnut.....Main 1191

Brushes, Mnfrs.
Bromwell Brush & Wire Goods Co The, 612 W 6th .....West 1074

Brushes, Manufacturers & Dealers.
Union Brush & Wire Goods Co The, 1007 Walnut .....Canal 728

Buffing Wheel Mnfrs.
Nickel Adolph Mfg Co, 715 Sycamore.....Canal 5017

Builders Supplies.
Huber Builders Material Co, The, 48-50 Vine.Main 1657

Butter, Cheese & Eggs.
Godar & Grieme, 140 W Court.....Canal 1667
Jelke F & Son Co The, 53 Walnut.....Main 1191

Butter Cream Specialties—Mfrs. of.
Nuss Confectionery Co The, 311-317 W 3d..Main 3076

Butter—Manufacturers of Creamery Butter.
Cincinnati Creamery Co The, 943-949 Carr..West 1929

Butterine.
Ohio Butterine Co The, 46-50 Walnut.....Main 411

Buttons—Cloth Covered—Pleating & Hemstitching.
Banasch Albert Co The, 512 Race.....Canal 3922-L

Buttons (Mnfrs.) Cloth Covered Upholstering & Ivory.
Laber Walter L, 11 W 5th.....Main 3782

Cabinet Special Work.
Cincinnati Cabinet Co, 2266 Bogen.....West 1097

Calculating Machines.
Monroe Calculating Machine Co, Union Trust bldg .....Main 1178
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Calendars.
Jung Geo H Co The, Advertisers blk, Canal st.Canal 3018

Cans.
American Can Co, 2d Nat'l Bank bldg....Canal 4092

Cans, Ash and Garbage.
Witt Cornice Co, 2118-24 Winchell av.....West 2882

Cans, Galvanized Iron—Ash and Garbage
Cincinnati Galvanizing Co, McMicken av & Tafel .....West 3860

Cans, Paper or Fibre.
Ritchie W C & Company (Turner Sales Co), Gwynne bldg .....Canal 1751
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Caps, Tin Roofing.
Robertson W F Steel & Iron Co, Elm and Commerce nw cor.....Main 1704

Caramel Coloring.
Fries & Fries, 121-23 W 3rd.....Main 2777
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Casket Lowering Devices.
Frigid Fluid Co (James F Sipe, Agt), 1226 W 9th.....West 512-Y

Cast Iron Pulleys.
Standard Pulley Co The, Power & CH & D RR .....Park 318

Castings—Brass, Bronze & Aluminum.
Pettis W W Co, First Nat Bank bldg.....Main 1715

Castings—Gray Iron and Semi-Steel.
Elmwood Castings Co The, Big Four and Murray rd .....Valley 1091

Castings—Steel Malleable Grey Iron.
Pettis W W Co, First Nat Bank bldg.....Main 1715

Certified Public Accountants.
Beaman R J, Union Central bldg.....Main 3114
Cloud J D & Co, First Nat Bank bldg.....Main 825

Chamois Skins.
Niehaus Jos Co The, 341 W 4th.....Main 537

Cheese—Wholesale.
Rossler Jacob Co The, 423 W Court.....Canal 2066

Chemicals.
Calvert Aniline & Chemical Co The, 28 West 3d .....Main 1245

Chemicals & Anilines.
Shannon Edward J Co The, 202-204 Main..Main-1452

Chemicals—Naphthalene, Phenol.
Chatfield Mfg Co The, 74th and Lebanon...Valley 600

Chemicals (Heavy Chemicals) of all kinds.
Queen City Chemical Co Inc, Provident Bank bldg .....Canal 1919

Chemicals, Synthetic.
Fries & Fries, 121-3 W 3rd.....Main 2777
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Chemists, Analytical & Metallurgical.
Boeman F C & Co, 215 E 4th.....Main 2741
Robinson Louis E, Harrison bldg, 31 E 4th..Main 3064

Chemists, Manufacturing.
Ries Alex & Bro (Flavors for Confectioners, Cigars & Soda Water) 812 E Second...Main 1163

Chewing Gum Manufacturers.
Helmet Gum Co The, 15 W 6th.....Canal 2510

Cigar Box Lumber and Cedar Veneers.
Benner R H & Co, 1027 Berlin.....West 1111

Cinders Coal, Car Loads Concrete Filling or Ballast.
Concrete Cinder Company The, Union Trust bldg .....Main 774

Circular Addressing.
Circle R J Letter Co, 540 Main.....Canal 1154
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Circular Letters.
A-B-C Letter Shop, Greenwood bldg.....Canal 549
Alcorn Multi-Letter Shop The, 15 E 3d....Main 458

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The (P Vogelsang, Rep), 1333 Grace av .....East 588-L

Clutches, Friction.
Conway & Co, 2507 Beekman.....West 480

Coal.
Addy Mathew Co The, First Natl Bk bldg...Main 478
Stevenson John W Coal Sales Co, Union Central bldg .....Main 1547

Coal Cinders, Car Loads Concrete Filling or Ballast.
Concrete Cinder Company The, Union Trust bldg .....Main 774

Coal—Retail.
Queen City Coal Co The, 5th and Freeman av.West 2820

Coal Tar Products.
Chatfield Mfg Co The, 74th and Lebanon...Valley 600

Coal—Wholesale.
Hutchinson Coal Co, Union Central bldg....Main 15
Queen City Coal Co The, 5th and Freeman av.West 2820
Tribbey Coal Co The, First Natl Bk bldg...Main 1317

Coke.
Addy Matthew Co The, First Natl Bk bldg...Main 478

Collecting Agencies.
Roescher L Collecting Co The, Bell blk.....Canal 774

Color Cards for Paint Makers.
Kinsey & Johnston, 230 East Pearl.....Main 4517

Commercial Photographers.
Crone Commercial Photo Co, Odd Fellows Temple .....Canal 4134

Concrete Block and Stone Machinery—Automatic.
Brandell Co The, Union Trust bldg.....Main 78

Confectioners' Machinery.
Hilbert Machine Co The, 2116-22 Colerain av .....West 1751

Confectioners—Manufacturing.
Aromint Mfg Co The, 1638-52 Central av...West 4118

Confectioners—Wholesale.
Buhr Pfaff & Co, 2d and Race.....Main 912
Dolly Varden Chocolate Co The, 411-17 Laurel .....West 3421
Reinhart & Newton Co The, 210-12-14 Vine .....Main 1585

Confectionery Outfits—New & Second Hand.
Economy Supply Co, 126 E Pearl.....Main 1147

Containers Corrugated & Fibre.
Cincinnati Wire Bound Box Co, Cathage Pike and Big 4 R R, St Bernard.....Avon 863

Contractors.
Coburn John, 2101 Reading rd.....Canal 2142
Crumley, Jones & Crumley Co The, Florence and Concord .....Woodburn 3850

Contractors Machinery.
Equity Equipment Co The, 1434 Main.....Canal 5368

Contractors Supplies.
Kennedy Supply Co, 1113 Gilbert av.....Canal 2907

Conveying Machinery.
Alvey-Ferguson Co The, North av, Oakley...Ridge 2295

Coppersmiths.
American Copper & Brass Works The, 614 E Front .....Canal 3353

Cordage and Twine.
Diem & Wing Paper Co The, Gilbert av Viaduct .....Canal 2163

Corrugated Paper.
Mid-West Box Co, Gwynne bldg.....Canal 1751
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Corrugated Shipping Cases.
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Costumers.
Beck Wm & Sons Co The, 1115 Vine.....Canal 2264
Szwirschina F, 1110 Vine.....Canal 4448

Cutting Dies for Cloth, Leather, Paper and Rubber.
Cincinnati Cutting Die Co, 436 E 2d.....Canal 5381

Dairy Machinery & Supplies.
Ohio Creamery & Dairy Supply Co, 124 W 3d .....Bell-Main 1098

Decalcomania.
Palm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) Spencer av nr Cleneay Norwood.....Ridge 1475

Decorators—Celebrations & Expositions.
Beck Wm & Sons Co The, 1115 Vine.....Canal 2264

Decorators & Exposition Contractors.
Fern Geo E, 1252-1254 Elm.....Canal 5584

Detective Agencies.
Cincinnati Police & Detective Association The, Inc, 2d Natl Bank bldg.....Canal 252
Crim Cal, Former Chief of Detectives (The Great Western Secret Service Assn), Johnston bldg .....Main 1200
Jackson W H, Carew bldg.....Main 1428
Nimmo Wm L Detective Bureau, Bell blk..Canal 309
Robertson Co The (H B Jackson, Supt), Gwynne bldg, ne cor 6th & Main.....Canal 5682

Die Sinker—Steel and Brass Stamps.
O'Connor James, Brandon bldg, Government pl .....Canal 4815

Die Sinkers & Engravers.
Kuhnheim Henry O, 17 East 3d.....Main 2527

Dies.
Acme Mfg Co, 610-616 Baymiller.....West 4429

Dies, Jigs, Tools, Models, etc.
Ideal Machine & Tool Co The, 128-30 Opera pl .....Canal 4479

Dies & Metal Specialties.
White-Ouehl Mfg Co, 429-31 E Pearl....Canal 5359

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Dies, Models and Special Machinery Manufacturers.
United Machinery Co The, 1042 Flint.....West 3009

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Mercantile Library bldg.....Main 258

Drill Heads—Auxiliary.
Covington Multiple Drill Co The, 2449-55 W McMicken av .....West 3192

Dry Cleaners of Ladies' and Men's Hats.
Morand John T, 9th and Vine.....Canal 388

Dry Cleaning & Garment Pressing Machines.
Daly Manufacturing Co, 225 W 4th.....Main 4728

Dynamos & Motors.
Glow Electric Co The, 221-23 Walnut....Main 1795
Wesche B A Electric Co, 327 East 6th..Canal 3238

Electric Drills, Grinders & Tools.
Standard Electric Tool Co The, 128 Opera pl .....Canal 4312

Electric Fixtures—Mnfrs.
Cincinnati Artistic Wrought Iron Works, 2941-43 Eastern av .....East 429

Electric Motor Repairing.
Wesche B A Electric Co, 327 East 6th...Canal 3238

Electric Motors & Dynamos.
Jantz & Leist Electric Co, Western av and York .....West 2640

Electric Motors & Generators.
Randle Machinery Co The, 1723 Powers....Park 1905
Wesche B A Electric Co, 327 East 6th....Canal 3238

Electric Motors & Generators, New & Used.
Buckeye Equipment Co The, 26 W 3d.....Main 3197

Electrical Machinery & Repairs.
Underwood Electric Co, 309 Sycamore.....Canal 590

Electrical Machinery—Second Hand.
Glow Electric Co The, 221-23 Walnut...Main 1795

Electrical Repair Shops.
Cincinnati Electrical Repair Co, 322 Sycamore .....Main 2183
General Electrical Repair Co, 130 W 3d....Main 3693
Glow Electric Co The, 221-23 Walnut.....Main 1795
Sullivan G W & Co, 118 Opera pl.....Canal 3608
Whittle-Cook Electric Co, 304 E 3d.....Main 661

Electro Platers Supplies.
Buchanan Thos Co The, 29 W Third.....Main 525

Electrotypers.
National Electrotype Foundry, Commercial Tribune bldg .....Canal 3453
Rapid Electrotype Co The, Canal nr Race..Canal 3578
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Electrotypers Supplies.
Dom G C Supply Co, 125 E Pearl.....Main 903

Elevator Cabs & Enclosures.
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Elevators.
Warner Elevator Mfg Co The, 2600 Spring Grove av .....West 1002

Elevators, Builders & Repairers.
Cincinnati Elevator Works Inc, 212-14-16 W Second .....Main 2295

Engineers.
Hunt Robert W & Co, Gerke bldg.....Canal 5413

Engineers, Consulting.
Kelly Thos C, 2d Natl Bank bldg.....Canal 2351

Engineers Supplies.
Prince L M Co, 108 W 4th.....Main 17

Engines, Boilers and Machinery.
Randle Machinery Co The, 1723 Powers.....Park 1905

Engravers.
Central Engraving Co, 25-27 Opera pl.....Canal 509

Engravers Steel Die Stationery.
Sattler Rudolph Co The, 220 E 4th.....Main 4630

Engravers' Supplies.
National Steel & Copper Plate Co, 212 E 2d.Main 2054

Envelopes.
Momberg Albrecht Paper Co The, 813 Broadway .....Canal 5696
U S Paper Goods Co The, 1224-48 W 8th..West 2206
Waks Mfg Co, United Bk bldg.....Main 4138

Excelsior.
Excelsior Supply Co, 2d and Smith.....Main 924

Farms—Lands.
Crowe Frank R, Johnston bldg.....Main 1675

Feathers and Feather Products.
Mitchell P R Co The, Harrison & Spring Grove avs .....West 3245

Fences.
Cincinnati Iron Fence Co, 3300 Spring Grove av .....Park 506
Nimmo Fence & Wire Works Co The, 1629 Dana av .....Ridge 3007

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Davis & Siehl Co The, 4030 Hamilton av....Park 908

Fences, Woven Wire Lawn.
Robertson W F Steel & Iron Co, Elm and Commerce, nw cor .....Main 1704

Fibre Containers.
American Can Co, 2d Natl Bank bldg.....Canal 4092

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Film Titles—Trick Cartoons, Dealers Names Inserted.
Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

Films—Commercial, Advertising Mnfrs.
Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

Fire Extinguishers.
Fyr-Fyter Co The (J F Story, Mgr), 805 Sycamore .....Canal 60
Harker Manufacturing Co (Queen), 410 E Pearl .....Canal 1355

Fire Proof Doors & Windows.
Reliance Fireproof Door Co, (The Builders Material Co), Johnston bldg.....Main 228

Fish, Oysters & Poultry.
Anderson Independent Fish Co, 138 W Court .....Canal 2274

Flag Poles.
U S Flag Co, 329-331-333 Lock.....Canal 3099

Flags.
U S Flag Co 329-331-333 Lock .....Canal 3099

Flags—Banners & Pennants (Cloth & Paper only).
Runey Show Print, 216 W Liberty.....Canal 2415

Flavors, Concentrated of Every Description.
Fries & Fries, 121-23 W 3rd.....Main 2777
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Fly Screens.
Baker W J Co, 1029 Saratoga, Newport, Ky.South 482

Forgings, Machine & Blacksmith's.
Schewitzer Bros, 525-27 E Pearl.....Canal 996

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Circle R J Letter Co, 540 Main.....Canal 1154
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Foundry Facings & Supplies.
Obermayer S Co The, 647 Evans.....West 1838

Foundry Facings, Supplies & Equipments.
Buckeye Products Co The, 919-929 W 5th..West 442
Hill & Griffith Co The, 1262 State av.....West 3227

Foundry Supplies.
Hill-Brunner Foundry Supply Co The, 2107 South .....West 182

Friction Clutches.
Standard Pulley Co The, Power and C H & D RR .....Park 318

Furnishing Goods Men's Wholesale.
Straus Isaac S Co The, 20-22-24 W Pearl..Main 1925

Furniture Movers, Packers & Shippers.
Cincinnati Moving Co, 1420 Clay.....Canal 426

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Peerless Supply & Mfg Co, 717 Sycamore...Canal 725

Gasoline Economy.
Foot Air Accelerator Co, Union Central bldg..Main 1719

Gear & Rack Cutting Machinery.
Bickett Machine & Mfg Co The, 1110-24 Richmond .....West 4056

Gears of Every Description.
Cincinnati Gear Co The, 1825 Reading rd.Canal 4138

Glass.
Cincinnati Plate Glass Co The, 319 W 2nd..Main 343
Glenny Wm Glass Co The, 10 W Commerce..Main 4561

Glass, All Kinds.
Neuer H Glass Co The, 518-20 Reading rd..Canal 316

Glue Tankage & Animal Feeds.
Joslin-Schmidt Co The, 3228 Spring Grove av, Park 1700

Glues—Flexible.
Monarch Glue Co, 202 Main.....Main 2030

Gluing Appliances, Spreaders, Boilers, Heaters, Presses.
Towsley John T Mfg Co, 1037 Evans.....West 331

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Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

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Schroder J B Co The, 133 E 5th.....Main 2431

Harness Machinery.
International Harness Machinery Co The, 708 Broadway .....Canal 4622

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Headed Wires.
Robertson W F Steel & Iron Co Elm and Commerce N W Cor .....Main 1704

Hob Nails.
Robertson W F Steel & Iron Co Elm and Commerce N W cor .....Main 1704

Hoop Steel.
Robertson W F Steel & Iron Co Elm and Commerce N W cor .....Main 1704

Hose.
Atlas Rubber & Belting Co The, 312-314 Walnut .....Main 377

Hospital Furniture & Equipments.
Wocher Max & Son Co The, 19-27 W 6th...Canal 192

Hotels.
Hotel Emery, 421 Vine.....Main 3810
Hotel Havlin, Vine and Opera pl.....Canal 3780
Hotel Metropole, 609-17 Walnut.....Canal 5100
Hotel Oxford, 6th & Race.....Canal 1552
Hotel Sinton (European Plan. Cincinnati's Leading Hotel), 4th av at Vine.....Main 3520
Palace Hotel The, 6th and Vine.....Canal 180
Stag Hotel, 420 Vine.....Main 1420

Hotels—Family.
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Hotel Alms, McMillan and Alms pl...Woodburn 108

Ice Cream Cones.
French Bros Bauer Co The, 108-110 E Liberty ..... Canal 4724

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Deters F & Co, 1118 Elm.....Canal 1978-X

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Jewelers—Manufacturing.
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Miller Jewelry Co The, 6th and Vine Greenwood bldg .....Canal 4019

Jewelers—Wholesale.
Oskamp Nolting Co The, 26-30, 7th West..Canal 5440

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Cohen Mose & Son 524-28 Freeman av ....West 4397
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Levine J & Co, 1104 Oehler.....West 4619
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Burton Range Co The, S E cor 7th and Sycamore .....Canal 1059

Labels.
National Label Co The, (Colored & Embossed Labels & Show Cards) 214 Walnut....Main 2428

Labor Agencies.
National Labor Agency, 228 W 8th.....Canal 3685

Lantern Slides.
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Rahn-Larmon Co The, 2941 Spring Grove av.West 738

Laundry Machinery.
American Laundry Machinery Co The, Norwood Station .....Ridge 1190

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Daly Manufacturing Co, 225 W 4th.....Main 4728

Leather Belting.
Alexander Bros Leather Belting (The Wirthiln-Mann Co), 318 W 3d.....Main 3380
Eagle Counter & Leather Co The, 414 E 8th .....Canal 2383

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International Harness Machinery Co The, 708 Bway .....Canal 4622

Leather Straps and Cotton Web Strap Mnfrs.
Leather Products Co The, 715 Carr .....West 2601

Leather, Substitutes, Imitation, Artificial.
Endura Mfg Co (W A Lippincott Co), 713 Sycamore .....Canal 4217

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Luminous Unit Co (Brascolite), Johnston bldg .....Main 710
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Progress Lithographing Co The, 1029-35 York .....West 51
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Runey Show Print, 216 W Liberty.....Canal 2415

Lithographic Display & Display Container Mnfrs.
Doering Bros & Ruilmann, 14th and Plum....West 3909

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Nydia Bank Lock Co The, Lion bldg.....Main 3044

Loose Leaf Systems.
Tatum Saml C Co The, 2062-68 Reading rd.Canal 5605

Lumber.
Dexter Lumber Co The, 4765 Main av Norwood .....Ridge 99

Lumber—Cypress and Hardwood Mnfrs. & Wholesalers.
Logan J M Lbr Co, Dalton & Oehler.....West 4696

Lumber—Mahogany & Veneers.
Freiberg Lumber Co The, Union Trust bldg.Main 4096

Lumber, Red Cypress & Cottonwood.
Darling J W Lumber Co, Second Natl Bank bldg ..... Canal 5042

Macaroni Manufacturers.
Foulds-Briggs Co The, 1221-31 W 8th.... West 1884

Machine Shop.
Central Machine Shop Co, 1556 Central av..West 1157

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Carlton Machine Tool Co The, Spring Grove av and Meeker .....West 348
Greaves-Klusman Tool Co The, Alfred and Cook .....West 4185
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Machine Tools, Fixtures Special, Machinery, Etc.
Peters-Bosset Company The, 617-19 Pearl..Canal 4188

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Eastern Machinery Co, 410-18 E Pearl.....Canal 3231

Machinery.
Keene Geo C & Co, 2327 Florence av..Woodburn 2254

Machinery & Machine Tools.
Western Machinery Co, 112 W 3d.....Main 96

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Broadway Machinery Co, 236-238 Broadway.Canal 3663
Economy Machinery Co, 428-430 East Pearl.Canal 3251
Ohio Machinery Exchange, 24 W 2d.....Main 2664

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Bock Machine Co The, 3618-20 Colerain av..Park 314

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Simmons W H & Co, 208-12 Lawrence.....Canal 5623

Machinery Special Power Punching Presses & Dies.
Verdin, Kappes & Verdin Co The, S E cor 2d and Central av .....Main 2753

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Towsley John T Mfg Co, 1037 Evans.....West 331

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Wuest Adam 514-518 E Pearl .....Canal 4141

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Mechanical Engineers.
Kelly Thos C, 2nd Natl Bank bldg.....Canal 2351

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Excel Mfg Co The, 316 Main.....Main 2118

Metal Products.
Murdock James Co, (Steel & Brass Stamps, Metal Name Plates, Metal Specialties, Box Printing Dies, Wire Forming, Stencils & Steel Dies), 116 Opera pl .....Canal 3498

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Enterprise Brass & Plating Co The, 6th and Baymiller .....West 3818
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Metals.
West End Rag Iron & Metal Co, 1212-14 Gest.....West 1193

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American Smelting & Refining Co The, 9th and Freeman.....West 698

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Hilb & Bauer, Union Trust bldg.....Main 872

Milk Crate Manufacturers.
Wildberg Box Co, 1029-1041 Evans.....West 558

Milling Machines—Small Type—Vertical & Horizontal
Bickett Machine & Mfg Co, 1110-24 Richmond.....West 4056

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Simpson Orville Co, The, 1240 Knowlton..Park 1236

Miners Lamps.
Harker Manufacturing Co (Brite-Lite), 410 E Pearl.....Canal 1355

Models & Experimental. Work.
Gerding Bros, Lion bldg, 5th and Elm.....Main 2878

Monuments.
Fisk Bros Co The, 4016 Spring Grov av.....Park 917

Motion Pictures—Industrial.
Cincinnati Motion Picture Co, (Pathe & Universal Staff. Pathe Cameras. Portable Projectors), 220 W Liberty.....Canal 2415

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Glow Electric Co The, 221-23 Walnut.....Main 1795
Huber Electric Co, 215 E 3d.....Main 2179

Motors & Dynamos—Repairs.
Glow Electric Co The, 221-23 Walnut.....Main 1795

Moving, Packing, Shipping & Storage of Household Goods.
Stacey Wm Auction & Storage Co, 2323-39 Gilbert av.....Woodburn 652
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Moving Picture Projectors—Portable, Carried in Grips.
Cincinnati Motion Picture Co, (The Portoscope built into carrying case attachable any lamp socket using Standard size Film and slides $175.00), 216-218-220 W Liberty.....Canal 2415

Moving Pictures, Mnfrs.
Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

Multigraph Form Letters.
Circle R J Letter Co, 540 Main.....Canal 1154
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Queen City Letter Shop, 621 Main.....Canal 4862
Small Gordon E, 131 E 4th.....Main 2300

Music Engravers.
Nulsen Otto A C, 315 E 5th, Nevada bldg...Main 2802

Music Printers & Engravers.
Zimmerman Otto & Son Co The, 5th and Sycamore.....Main 2869

Name Plates.
Palm Brothers Company The, (Manufacturers Decalcomania Transfers of Every Description), Spencer av nr Cleneay Norwood.....Ridge 1475

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co, (Howard D Fisher, Agt), 141 E Fourth.....Main 171

Notaries.
Gwinner E, 410-11 Bell blk.....Canal 774

Nurseries.
Barnes Nurseries, 1627 North Bend rd.....Park 391-X

Office Equipment.
Monroe Calculating Machine Co, 1107 Union Trust bldg.....Main 1178

Office Fixtures—New & Second Hand.
Economy Supply Co, 126 E Pearl.....Main 1147

Offset Printers.
Hennegan & Co, 311-321 Genesee.....Canal 4752

Oil Tanks.
Reis Theodore, 2010 Central av.....West 1259

Oils for Soaps, Perfumes & Toilet Preparations.
Fries & Fries, 121-23 W 3rd.....Main 2777
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Oleomargarine.
Ohio Butterine Co The, 46-50 Walnut.....Main 411

Opticians.
Prince L M Co, 108 W 4th.....Main 17

Ornamental Brass, Bronze, and Iron Work.
Newman Manufacturing Co, 717-721 Sycamore.....Canal 713

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, Union Central Life Ins bldg.....Main 3894
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Oxy-Acetylene Welding Equipments.
Varwig Mfg Co, 120 Opera pl.....Canal 3755

Packing.
Atlas Rubber & Belting Co The, 312-314 Walnut.....Main 377

Packing Boxes.
Cincinnati Wire Bound Box Co The, Carthage Pike and Big 4 R R, St Bernard.....Avon 863

Packing Pads.
Excelsior Supply Co, 2d and Smith.....Main 924

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co, (Queen City Supply Co), (For Oils, Alkalies & Benzol Products), sw cor Pearl & Elm.....Main 1195

Packers, Shippers, Movers & Storage of Household Goods.
Stacey Wm Auction & Storage Co, 2323-39 Gilbert av.....Woodburn 652
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Painters Outfits & Ropes.
Melvin Supply Co, 214 Main.....Main 2549

Paints (Manufacturers).
Foy Paint Co The, Gilbert av & Eden Park Entrance.....Canal 492
Johnston R F Paint Co The, S E cor Pearl and Main.....Main 4170
Mamolith Carbon Paint Co The, S E cor 2d and Main.....Main 472

Paper (Dealers).
Anchor Paper Co The, ne cor 2nd & Walnut.Main 2673
Browne & Stuart Co The, 501-503 Neave bldg.....Main 1122
Chatfield & Woods Co The, Third & Plum...Main 953
Diem & Wing Paper Co The, Gilbert av Viaduct.....Canal 2163
Fishwick A B, 528 Walnut, Commercial Trib bldg.....Canal 804
Herrlinger & Company, 210 Walnut.....Main 826
Momberg Albrecht Paper Co The, 813 Broadway.....Canal 5696
Whitaker Paper Co The, Eggleston, 6th and Lock.....Canal 4120

Paper Bag Mfrs.
Advance Bag Co The, (Albert Selbert Agt), 833 Union Trust bldg.....Main 3899
Diem & Wing Paper Co The, Gilbert av Viaduct.....Canal 2163
U S Paper Goods Co The, 1224-48 W 8th..West 2206

Paper Bags & Flour Sacks.
Chatfield & Woods Co The, Third and Plum.Main 953

Paper Bags, Laundry.
Waks Mfg Co, 410 United Bk bldg.....Main 4138

Paper Bags, Moth-Proof.
Waks Mfg Co, 410 United Bk bldg.....Main 4138

Paper Box Boards.
La Boiteaux C L Co, 1st Natl Bank bldg...Main 1088

Paper Boxes, Corrugated and Fibre.
Mid-West Box Co, 711 Gwynne bldg.....Canal 1751
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Paper Sacks, All Grades, Plain & Printed for Flour.
Chatfield & Woods Sack Co The, 3d & Plum.Main 953

Paper Stock.
Cohen Mose & Son, 524-28 Freeman av.....West 4397

Paper Tape Gummed.
Waks Mfg Co, 410 United Bk bldg.....Main 4138

Paper Towels.
Chatfield & Woods Co The, 3rd and Plum...Main 953

Patent Attorneys.
Ramsey James N, Johnston bldg.....Main 617
Schultz Patent Office, 511 Walnut.....Canal 4432

Pattern Makers.
Mersfelder Pattern Works, 208-10 Lawrence.Canal 3631

Pattern Makers (for Ornamental Castings).
Remde Albert, 412 Main.....Main 3120

Pennants, Felt Caps & Novelties.
Decorative Poster Co The, Norwood Natl Bank bldg, Norwood.....Ridge 503

Photo Developing, Printing, Enlarging & Copying.
Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

Photo Engravers.
Advertisers Engraving Co, 128 Opera pl....Canal 2451

Photo Engravers' Supplies.
Dom G C Supply Co, 125 E Pearl.....Main 903

Photo Engravers, Wood, Copper & Zinc.
Runey Show Print, 216 W Liberty.....Canal 2415

Photo Retouchers & Illustrators for Advg. Purposes.
Seeman & Nieporte, 2nd Natl Bank bldg...Canal 5176

Photographers.
Steman Studios, 130 W 4th ..... Main 4387

Photographers, Commercial.
Boellinger F, 23 W Liberty ..... Canal 1369
Myers W T & Co, 238 E 4th ..... Main 439
Rombach & Groene, 812-14 W 4th ..... West 458
Runey Show Print, 216 W Liberty ..... Canal 2415

Photographers, Commercial —Engravers.
Clegg, McFee & Co, Power bldg ..... Canal 2110

Photographers' Portable Lighting Carried in Grips.
Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

Photographers, Still & Movie.
Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

Photographers, Theatrical— —Ground Floor Stage.
Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

Photographic Supplies.
Prince L M Co, 108 W 4th ..... Main 17

Photographs Made by Machinery In Quantities.
Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

Pianos & Player Pianos.
Gross Geo P, 1337 Main ..... Canal 3795

Pig Iron.
Addy Matthew Co The, First Natl Bank bldg. Main 478

Pile Driving Contractors.
Cranford Construction Co The, Gerke bldg. Canal 4212

Planers Metal.
Bickett Machine & Mfg Co The, 1110-24 Richmond ..... West 4056

Plumbers & Tinners Supplies.
McDonald Jas & Son Co, 9th and Sycamore .. Canal 2720

Poster Printers.
Hennegan & Co, 311-321 Genesee ..... Canal 4752

Poster Printers, Block & Type.
Cincinnati Motion Picture Co, 220 W Liberty. Canal 2415

Poster Printers (Union Label) Engraved & Large Type.
Runey Show Print, 216 W Liberty ..... Canal 2415

Power Plant Machinery.
Randle Machinery Co The, 1723 Powers .... Park 1905

Prepared Roofing Manufacturers.
Chatfield Mfg Co The, 74th and Lebanon ... Valley 600

Presses—Hand for Straightening Small Shafts, etc.
Cowsley John T Mfg Co, 1037 Evans ..... West 331

Printers.
Hennegan & Co, 311-321 Genesee ..... Canal 4752

Printers, Labels and Souvenirs.
Hicke-Desch Printing Co The, 5th and Sycamore ..... Main 1138

Printers—Posters, Banners, Pennants, Flags.
Runey Show Print, 216 W Liberty ..... Canal 2415

Printing Ink.
Schwarm & Jacobus Co The, 906 Broadway. Canal 5582

Printing Machinery Type and Supplies.
American Type Founders Co, 646 Main .... Canal 2037
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Printing Presses & Printers Supplies.
Printing Machinery Co The, 3rd and Lock .. Canal 1012

Printing Rollers.
Wortman Roller Co, 1012 Elm ..... Canal 1619

Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Mercantile Library bldg ..... Main 258

Pulley Covering with Heavy Cotton Carpet.
Eclipse Pulley Covering Co The, Duttonhofer bldg ..... Canal 3472

Pulleys and Clutches.
Standard Pulley Co The, 1734 Powers ..... Park 318

Pulleys, Clutches, Gearing, Line Shafting Equipment.
Medart Patent Pulley Co, 211 Vine ..... Main 1893

Pumping Engines—Simple, Compound, Triple Expansion
McGowan John H Co The, 54-58 Central av .. Main 788

Pumps—Displacement Types Steam & Power Driven.
McGowan John H Co The, 54-58 Central av. Main 788

Pumps—Steam Jet.
McGowan John H Co The, 54-58 Central av. Main 788

Rag Dealers.
Hoffman & Company, 236 E Front ..... Main 1555

Rag Dealers—Mixed Rags.
Cohen Mose & Son, 524-28 Freeman av .... West 4397

Rag Dealers—New Rags.
Blossom & Co, 551 Freeman av ..... West 1128

Rags, Wholesale Dealers.
Miller Bros & Co, 308-10 West Pearl ..... Main 907

Railings.
Newman Manufacturing Co, 717-721 Sycamore ..... Canal 713

Railroad Contractors Equipment.
Equity Equipment Co The, 1434 Main ..... Canal 5368

Railroad Equipment & Rails.
Joseph Isaac Iron Co The, 525 Hunt ..... Canal 2338

Rails.
Hilb & Bauer, Union Trust bldg ..... Main 872

Ranges, Hotel & Restaurant.
Burton Range Co The, S E cor 7th and Sycamore ..... Canal 1059

Rat Exterminators.
Rose Rat Exterminator Co, 125 West Court. Canal 31

Real Estate.
Green's A R Farm Agency, Johnston bldg ... Main 4284
Koch Al Real Estate Co, Provident Bank bldg. Canal 1050
Mayer Theodore & Bro, 1st National Bank bldg ..... Main 921
Tice Arthur R, 1st National Bank bldg ..... Main 1994

Real Estate—Factories.
Mathers, Hiram S, Traction bldg ..... Main 1812

Reamers.
Whitman & Barnes Mfg Co The (H Z Callendar, Agt), First National Bank bldg ... Main 825

Regalia.
Central Regalia Co, N E cor 8th and Plum .. Canal 778

Regalia for Lodges—Uniforms.
Cincinnati Regalia Co The, 4th & Elm ..... Main 2165

Restaurant Outfits—New & Second Hand.
Economy Supply Co, 126 E Pearl ..... Main 1147

Riggers.
Bishop Rigging Co, 1105 Gilbert av ..... Canal 371

Rigging.
American Rigging Co, Pioneer and Culvert .. Canal 3383
Fenton Rigging Co, 243 Butler ..... Canal 970

Rivets.
Robertson W F Steel & Iron Co, Elm and Commerce NW cor ..... Main 1704

Roofers & Roofing Material.
Carey Philip Co The, Lockland ..... Valley 370

Roofing.
Cincinnati Sheet Metal & Roofing Co The, 230 E Front ..... Main 229

Roofing Materials.
Chatfield Mfg Co The, 74th and Lebanon .. Valley 600
Chatfield & Woods Co The, Third and Plum .. Main 953

Roofing, Neponset Paroid.
Hardware & Roofing Supply Co, 618 Elm ... Canal 306

Roofing Papers.
Chatfield & Woods Co The, Third and Plum .. Main 953
Diem & Wing Paper Co The, Gilbert av Viaduct ..... Canal 2163

Roofing—Sheet Metal Work & Blow Piping.
Meyer Edw & Co, 212 Wade ..... Canal 684

Rubber Boots, Shoes & Tires.
Atlas Rubber & Belting Co The, 312-314 Walnut ..... Main 377

Rubber Goods.
Atlas Rubber & Belting Co The, 312-314 Walnut ..... Main 377

Safes.
Baum J Safe & Lock Co The, 613-25 E Front. Canal 3385
Hall's Safe Co The, 3253 Spring Grove av .. Park 1380

Sanitary Goods.
Sanitary Brush & Mop Co, 6th & Burns .... West 3359-Y

Saws, Manufacturers.
Ralya Saw Co, 610 Baymiller ..... West 2489

Scrap Iron.
Cohen Mose & Son, 524-28 Freeman av ..... West 4397
Hilb & Bauer, Union Trust bldg ..... Main 872
Hils C L Co The, 832 Reedy ..... Canal 2441
Joseph Isaac Iron Co The, 525 Hunt ..... Canal 2338
Klein & Cohn, 518 Hannibal ..... West 3716

Scrap Iron & Metals.
Moskowitz Bros, 7th and Freeman ..... West 1503
Watelsky A, 1023-31 W 6th ..... West 1315

Scrap Metal.
Cohen Mose & Son, 524-28 Freeman av ..... West 4397

Screw Machine Products.
Fischer Special Mfg Co, 2076-78 Reading rd. Canal 168

Seeds.
McCullough J Chas Seed Co The, 5th, Lock and Eggleston av and 228-30-32 E 4th ..... Canal 2603
Rusconi D, 126-28 W 6th ..... Canal 643

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Shafting.
Union Drawn Steel Co (C R Talbott Mnfg Co, Reprs), Spring Grove & Spring.....West 4545

Shaker Grates.
Quinn & Co, 222 East 9th.....Canal 764

Shapes & Elevator Guides.
Union Drawn Steel Co (C R Talbott Mnfg Co, Reprs), Spring Grove & Spring.....West 4545

Sheet Metal Specialties—
Cincinnati Stamping Co, The, 26-34 W McMicken av .....Canal 2002

Sheet Steel.
Robertson W F Steel & Iron Co, Elm and Commerce NW cor.....Main 1704

Shingles Neponset Asphalt.
Hardware & Roofing Supply Co, 618 Elm....Canal 306

Shipping, Packing, Moving & Storage of Household Goods.
Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av .....Woodburn 652
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Show Cases & Store Fixtures.
Kruse H Show Case Co The, 238 Main.....Main 2095

Show Printers—Engravers (Union Label).
Cincinnati Motion Picture Co, 220 W Liberty.Canal 2415

Signs.
Palm Brothers Company The, (Manufacturers Decalcomania Transfers of Every Description), Spencer av nr Cleneay Norwood.....Ridge 1475
Quehl Sign Co, 316-18 Main.....Main 2118

Slides—Advertising in Motion Picture Theatres.
Runey Show Print, 216 W Liberty.....Canal 2415

Smelters & Refiners.
American Smelting & Refining Co The, 9th and Freeman .....West 698

Spark Plug Extensions.
C & A Spark Plug Extension Co, 1548 Brewster av .....Woodburn 863

Sponges.
Niehaus Jos Co The, 341 W 4th.....Main 537

Spool Silk, All Mfg. Trades.
Holland Mfg Co (D L Decker, Agt), 4th Natl Bank bldg, 18 E 4th.....Main 2559

Sporting Goods.
Remelin Co The, 430 Main.....Main 27

Spot Welding.
Liston Spot Welding Co, 3921 Spring Grove av .....Park 1869

Stationers & Printers.
Willenborg Stationery & Printing Co, 319 Walnut .....Main 1229
Woodrow Co The, 726 Main.....Canal 833

Stationery.
Chatfield & Woods Co The, Third and Plum..Main 953

Statuary.
Moriconi Statuary Co, 242 Main.....Main 3784

Statuary & Flower Boxes.
Castrucci Co The, 707-709 Broadway.....Canal 4436

Steel Castings.
Cincinnati Steel Castings Co The, 1220 Queen City av.....West 2772

Steel, Cold Drawn.
Moesta & Ruehrwein, Hulbert blk.....Canal 3398
Union Drawn Steel Co (C R Talbott Mnfg Co, Reprs), Spring Grove & Spring.....West 4545

Steel and Iron.
Morris E K & Co, 311-17 W 2d.....Main 1525

Stenographers.
Perin, Buchanan (Court—Reporting—Notary Public), 231 W 9th.....Canal 4235

Stereotypes, Matrices, Electrotypes.
Quality Electrotype Co The, 8th and Cutter.West 7

Stills.
American Copper & Brass Works The, 614 E Front .....Canal 3353

Storage Batteries, Manufacturers.
Cincinnati Storage Battery Co The, 228-30 Stark .....Canal 5677

Storage, Shipping, Packing & Moving of Household Goods.
Stacey Wm Auction & Storage Co, 2333-2339 Gilbert av .....Woodburn 652
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Store Fixtures—New & Second Hand.
Economy Supply Co, 126 E Pearl.....Main 1147

Structural Steel.
American Bridge Company, Union Trust bldg.Main 3946

Surveying & Engineering Instruments.
Pfister Wm H, 230 W 4th.....Main 2819

Tablets.
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Tanks.
Tudor Boiler Mfg Co The, 715 E 3d.....Canal 3430

Tanks, Manufacturers—Wood and Silos.
Hauser Stander Tank Co The, Bank & Western .....West 395

Tanners Chrome & Original White Sole Leather.
Bangert John & Sons, Straight and Massachusetts av.....West 1165

Tanners, Pigs Skins.
Millcreek Tanning Co The, 1018 Berlin.....West 4260

Tarred Felt & Pitch.
Chatfield Mfg Co The, 74th and Lebanon...Valley 600

Tents & Awnings.
Queen City Awning & Tent Co, 222 E 6th...Canal 437
Ryling John & Son, 216 E 8th.....Canal 455

Tents, Awnings & Tarpaulins.
Scherz John Sons, 1006-10 Freeman av.....West 296

Testing Laboratories.
Hunt Robert W & Co, Gerke bldg.....Canal 5413

Thermometers.
Palmer Thermometer Mfg Co, 204 Post Square .....Canal 3816-L

Tiles.
Cassini Mosaic & Tile Co The, 1027 Broadway .....Canal 234

Tiles and Marble.
Winston T H Co The, SE cor Pearl and Pike .....Canal 3864

Tobacco Machinery-For Production of Plug Tobacco.
McGowan John H Co The, 54-58 Central av..Main 788

Toilet Paper.
Chatfield & Woods Co The, 3rd & Plum....Main 953

Tools, Jigs and Fixtures.
Brehmer F W Mch & Tool Co The, 813-815 Broadway .....Canal 5395

Transfer Ornaments.
Palm Brothers Company The, (Manufacturers Decalcomania Transfers of Every Description), Spencer av nr Cleneay Norwood.....Ridge 1475

Translucent Window Signs.
Palm Brothers Company The, (Manufacturers Decalcomania Transfers of Every Description), Spencer av nr Cleneay Norwood.....Ridge 1475

Trucks.
Stuebing Truck Co The (Elevating Platform Trucks, Conveying Systems), 308-14 Walnut .....Main 1027

Trucks, Elevating.
Lewis-Shepard Company (S A Fisher & Son, Agts), Gerke bldg.....Canal 514

Trucks—Factory, Lumber Yd Mach Shop, Whse Textile.
Towsley John T Mfg Co, 1037 Evans.....West 331

Trucks—Freight and Warehouse.
Zering H Mfg Co The, 528-530 Reading rd.Canal 334

Trucks—Special from Drawings and Specifications.
Towsley John T Mfg Co, 1037 Evans.....West 331

Truss Hoops & Bung Picks (Manufacturers).
Frelinger J G Iron Works, 115-17 W 2d....Main 2067

Trusses.
Uprite Mfg Co, 7th and Main.....Canal 657

Tubing, All Kinds.
Morris E K & Co, 311-17 W 2d.....Main 1525

Twines & Cordage.
Chatfield & Woods Co The, 3rd and Plum..Main 953

Twines (Jute) for Flour Millers & Dealers.
Chatfield & Woods Sack Co The, 3rd & Plum.Main 953

Twist Drills.
Whitman & Barnes Mfg Co The (H Z Callendar, Agt), First National Bank bldgMain 825

Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, 646 Main.....Canal 2037
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Typewriters & Adding Machines.
Typewriter Sales & Repair Co (Barrett Adding Machine), 531 Main.....Canal 3671

Typewriters—Portable.
Corona Typewriter Company Inc, 235 E 4th..Main 2889

Typewritten Fac Simile Letters.
Circle R J Letter Co, 540 Main.....Canal 1154
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Undertakers Supplies.
Frigid Fluid Co (James F Sipe, Agt), 1226 W 9th.....West 512-Y

Uniforms, Lodge Regalia.
Cincinnati Regalia Co The, 4th & Elm.....Main 2165

Uniforms, Manufacturers & Equipments.
Fechheimer Bros Co The, 4th and Pike.....Canal 1971

Valves
Powell Wm Co The, 2521-2531 Spring Grove av .....West 1965

Valves—Back Pressure & Atmospheric Relief.
McGowan John H Co The, 54-58 Central av..Main 788

Varnish Manufacturers.
United States Varnish Co The, 2616-18 Colerain av .....West 359

Veneers & Mahogany.
Acme Veneer & Lumber Co, 8th and Harriet.West 1079

Wall Board.
Hardware & Roofing Supply Co (Neponset), 618 Elm .....Canal 306

Wall Paper—Wholesale.
Bacheberle Chas, 108 E 13th.....Canal 2492

Washers, Clinch Button.
Robertson W F Steel & Iron Co, Elm and Commerce NW cor.....Main 1704

Watch Manufacturers.
Gruen D Watch Co, McMillan and Iowa.Woodburn 2043

Water Motors, Washing Machines.
Irwin H R Mfg Co, Front and Pike.....Canal 4158

Water Supply Systems.
Merkel Bros Co The (Leader Iron Wks), Canal and Jackson .....Canal 2780

Wax Paper Mfrs.—Printed and Plain.
Diem & Wing Paper Co The, Gilbert av Viaduct .....Canal 2163

Weather Strips.
Baker W J Co, 1029 Saratoga, Newport, Ky.South 482
Monarch Metal Weather Strip Co The (D W Brown, Distributor), 3003 Fairfield av....Woodburn 438-R
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Welders.
Cincinnati Welding & Repair Co, 412 Richmond .....Canal 1707

Welders—Oxy-Acetylene and Cutting.
Queen City Welding & Cutting Co, 1420-22 Plum .....Canal 1623

Welders—Scored Cylinders Welded without Regrinding.
Ideal Welding Co, 328 E 8th.....Canal 4876

Welding Apparatus.
Davis-Bournonville Co, Union Central Life Ins bldg .....Main 3894
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Window Display Fixtures.
Great Central Novelty Co The, 240 Main....Main 2095
Newman Manufacturing Co, 717-721 Sycamore .....Canal 713

Window Signs.
Adm Brothers Company The (Manufacturers Decalcomania Transfers of Every Description) Spencer av nr Cleneay Norwood.....Ridge 1475

Wire (Manufacturers).
American Steel & Wire Co, Union Trust bldg.Main 723

Wire (Straightened & Cut).
Robertson W F Steel & Iron Co, Elm and Commerce NW cor.....Main 1704

Wire Goods.
Bromwell Brush & Wire Goods Co The, 612 W 6th.....West 1074

Woodworking Machinery
Towsley John T Mfg Co, 1037 Evans.....West 331

Wreckers.
Bishop Wrecking Co, 1105 Gilbert av.....Canal 371
Western Wrecking & Construction Co The, 1035-57 Hopkins .....West 4535
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Worlds Fair Wrecking Co, Richmond and Horne .....West 686

X-Ray & Electro-therapeutic Apparatus.
Liebel-Flarsheim Co The, 2805 Vine.....Avon 4829

CLEVELAND

Accountants.
Cochran, Fisher & Co, Engineers bldg.....Main 5897
Crawford Audit Co The, Hippodrome bldg...Main 2128
O'Bryan W I, Engineers bldg.....Main 5897
Ronk Henry K & Co Swetland bldg .....Bell-Prospect 1467 Ohio State-Central 636
Rosenberry Gunther & Breyer, Leader-News bldg .....Main 1261

Accountants, Certified Public.
Breyer E W, Leader-News bldg.....Main 1261
Coy Walter A, Citizens bldg.....Main 176
Ernst & Ernst, Schofield bldg.....Bell-Main 7100 .....Ohio State-Central 410
Sweeny Jos T & Co, Citizens bldg.....Main 5860

Acetylene Apparatus.
Davis-Bournonville Co, Engineers bldg.....Main 2230
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Adding Machines.
Monroe Calculating Machine Co, Citizens bldg.Main 5761
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Addressing Companies.
National Advertising Co The, Caxton bldg...Main 1321
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Addressing, Folding Mailing Lists & Multigraph Letters.
Advertisers' Addressing Co, 118 St Clair av N E .....Main 2609
Chandler L L Miss, Old Arcade.....Bell-Main 1368 .....Ohio State-Central 3321-K
Circular Addressing Co, Columbia bldg.....Main 5372

Addressing Machines.
Addressograph Co, (H H Penny Dist Mgr), 404 The Arcade .....Main 1656
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Stickney & Montague, Direx-All, Rockefeller bldg .....Main 4883

Advertisers.
R & S Printing Service Corp The, Hippodrome bldg .....Bell-Main 3885 Ohio State-Central 616

Advertising Agents.
Carpenter-Webbe Co The, Caxton bldg.....Main 3121
Young Lloyd W, 1900 Euclid av.....Prospect 2874

Aluminum Castings
Aluminum Castings Co The (Lynite), 6205 Carnegie av .....Rosedale 3770
Wellman Bronze Co The (Well Cast), 6017 Superior av.....Rosedale 3296

Aluminum Ingots.
Cleveland Electro Metals Co, 2397 W 38th.Harvard 2034

Anchors, Joist.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Angles.
Cushman H D Co, Rockefeller bldg.....Main 1871

Appraisers.
American Appraisal Co The, Garfield bldg...Main 571
Lloyd-Thomas Co The, New Guardian bldg..Main 5694
Manufacturers' Appraisal Co, Commercial Bank bldg .....Main 968

Armatures & Armature Rewinding.
Cleveland Armature Works, 4732 St Clair av NE .....Rosedale 2954

Artificial Limbs.
Cleveland Artificial Limb Co The, 717 Superior av N E.....Main 3772

Asphalt.
Byerley Sons, 2484 W 4th.....Harvard 1936

Attorneys' Guide.
American Lawyers Co The, Engineers bldg...Main 4863

Autographic Registers & Roll Printers.
Egry Register Co The (James Josephi, Sales agt), Leader-News bldg.....Bell-Main 2690 .....Ohio State-Central 2695
Globe Register Co The (C Emery Oliver), Euclid Arcade.....Bell-Main 5714 Ohio State-Central 1346

Automobile Parts—Trucks.
Monmouth Machine Co The, 2355 Lakeside av N E.....Prospect 2921

Automobile Spring Lubricators & Covers.
Jeavons Spring Lubricator & Cover Works, 1603 Prospect av S E .....Prospect 1872

Automobile Tire Manufacturers Accessories.
Diamond Stamping Works Co The, 1944-46 E 55th.....Rosedale 4830

Automobiles, Manufacturers.
Chandler Motor Car Co, East 131st and St Clair .....Eddy 5980
Templar Motors Corporation, Guardian bldg..Main 2930

Axles, Motor Car.
Standard Parts Company The, Hickox bldg.Main 6933

Axles, Vehicle.
Standard Parts Company The, Hickox bldg.Main 6933

Bags (Mnfrs.)—All Kinds.
Union Paper & Twine Co, St Clair W.....Main 6360

Ball Bearings.
Ahlberg Bearing Co, 1836 Euclid av.....Prospect 1379
Hess-Bright Mfg Co The, Guardian bldg.....Main 5421

Ball Bearings, Reground & New, All Makes & Special.
Ahlberg Bearing Co, 1836 Euclid av.....Prospect 1379

Bars, Iron & Steel.
Union Rolling Mill Co The, Aetna rd and C & P R R.....Broadway 1951

Barrels.
Cleveland Cooperage Co The, 2231 W 61st.....Bell-Edgewater 1073 Ohio State-Lorain 497

Bases, Steel for Wood Columns.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Batteries, Dry, Wet & Storage.
National Carbon Co Inc, Madison av N W and W 117th....Bell-Edgewater 1100 Ohio State-Highland 500

Bearings (Rough & Finished).
Aluminum Castings Co The, 6205 Carnegie av .....Rosedale 3770

CLEVELAND—continued

Bearings, Roller.
Standard Parts Company The, Hickox bldg. Main 6933

Belting.
Alexander Bros Leather Belting, (W Bingham Co The), 1278 W 9th ..... Main 6420

Belting, Leather.
Detroit Oak Belting Co, Wade bldg ..... Main 3425

Bicycle Frames and Parts.
Standard Parts Company The, Hickox bldg .. Main 6933

Blowers and Exhausts, Fans Mfrs.
Ilg Electric Ventilating Co, Schofield bldg ... Main 776

Blue Print Machine Manufacturers.
Revolute Machine Co (The Dodd Co Agt), 1936 E 6th ..... Main 1334

Blue Prints (Sepia Solar Photo Prints).
Acme Photo & Blue Printing Co The, 2056 E 4th ..... Main 5895

Boiler Compound.
State Mfg Co, (Metla-Cota), 3545 E 76th ..... Broadway 997-J

Boiler Treatment.
Metalene Chemical Co The, Soc for Sav bldg. Main 1371

Bolts & Forgings.
Eagle Bolt & Forging Co The, 2640 W 25th ..... Ohio State-Central 8254-R

Bolts and Nuts (Manufacturers).
Upson Nut Co The, Scranton and Carter rds .. Main 5762

Bolts, Nuts & Rivets.
Kirk Latty Mfg Co The, W 84th and Madison ..... Edgewater 782
Lamson & Sessions Co The, Bell-Harvard 2075
2188 Scranton rd ..... Ohio State-Central 3769
National Screw & Tack Co The, Stanton av S E & C & P R R ..... Rosedale 5728

Bottle Dealers.
Kaufman L S, 3605-15 Orange av ..... Ohio State-Central 7037-K
Ohio Bottle Co, 3433 Orange av ..... Ohio State-Central 3456

Bottle Packing.
Excelsior Supply Co, 1732 Merwin rd ..... Main 4950

Boxes, Manufacturers, Corrugated and Fibre.
Mid-West Box Co, 1133 E 152d ..... Eddy 6842
See our Catalog Space, page 926

Brake Shoes for Steam and Electric Railways.
Railway Materials Co The, Schofield bldg ... Main 94

Brass Castings (Rough & Finished).
Aluminum Castings Co The, 6205 Carnegie av ..... Rosedale 3770

Brass Castings & Bronze Castings (Rough & Finished).
Buckeye Brass & Mfg Co, 1807 Columbus rd. Main 1621

Brass and Copper.
Cleveland Brass & Copper Mills, Inc. The, Guardian bldg ..... Main 3644

Brass, Sheet, Rod, Tubing and Scrap.
Cleveland Brass & Copper Mills Inc The, Guardian bldg ..... Main 3644

Bridges, Steel.
American Bridge Company, Guardian bldg ... Main 1678

Brokers—Merchandise.
Rankin Fred P (Sugar, Glucose, Canned Foods, Dried Fruits), Cuyahoga bldg Bell-Main 3138
..... Ohio State-Central 5844-L

Bronze Back, Babbitt Lined Bearings.
Buckeye Brass & Mfg Co, 1807 Columbus rd. Main 1621

Bronze Castings (Rough & Finished).
Aluminum Castings Co The, 6205 Carnegie av ..... Rosedale 3770

Bronze Powder Manufacturers.
Ohio Bronze Powder Co The, 1120 E 152d .. Eddy 4870

Bronze & Steel Interior Equipment & Signs.
Barshal Steel Equipment Co The Leader-News bldg ..... Main 1935

Bronze Work, Ornamental and Architectural.
Tyler W S Company The, Superior av and E 36th ..... Prospect 1673

Brushes—Automobile & Generator.
National Carbon Co Inc, Madison Bell-Edgewater 1100
av N W and W 117th ... Ohio State-Highland 500

Brushes, Motor, Generator & Compressor.
National Carbon Co Inc, Madison Bell-Edgewater 1100
av N W and W 117th ... Ohio State-Highland 500

Buckets, Clamshell.
Brown Hoisting Machinery Co The, 4403 St Clair av ..... Prospect 1640

Builders Hardware.
Peck Stow & Wilcox Co The, 2176 W 3rd. Harvard 1939

Building Raisers & Movers.
Alexander G & Son Co The, Bell-Garfield 3833
2460 E 93d ..... Ohio State-Princeton 2095-W

Bushings (Rough & Finished).
Aluminum Castings Co The, 6205 Carnegie av ..... Rosedale 3770
Buckeye Brass & Mfg Co, 1807 Columbus rd. Main 1621

Cabinets, Steel Filing.
Van Dorn Iron Works Co The, 2685 Bell-Rosedale 3036
East 79th ..... Ohio State-Princeton 222

Calculating Machines.
Monroe Calculating Machine Co, Citizens bldg ..... Main 5761
See our Catalog Space, page 905

Cans.
American Can Co, 1677 E 40th ..... Rosedale 5850

Carbon Paper & Typewriter Ribbon Mfrs.
Buckeye Ribbon & Carbon Co The, 1466-68 E 55th ..... Rosedale 5521

Carbons—Moving Picture & Lighting.
National Carbon Co Inc, Madison Bell-Edgewater 1100
av N W and W 117th ... Ohio State-Highland 500

Castings (Gray Iron—Jobbing Foundry).
American Range & Foundry Co Bell-Broadway 631
The, 7000 Union av S E ... Ohio State-Union 280
Superior Foundry Co The, 3542 Bell-Broadway 1030
E 71st ..... Ohio State-Union 156

Castings (Light Gray Iron).
Atlas Foundry Co The, Shaw av Bell-Edgewater 1403
and Big 4 RR ..... Ohio State-Lorain 1488

Castings (Steel & Truck Wheels).
Standard Steel Castings Co, 3371 W 73d Edgewater 3888

Castings, Acid Resisting & Grey Iron.
United States Cast Iron Pipe & Foundry Co, 1150 E 26th ..... Prospect 761

Castings—Brass, Bronze & Aluminum.
Ideal Bronze Co The, 1261 E 55th ..... Rosedale 640
Wellman Bronze Co The, 6017 Superior av ..... Rosedale 3296

Castings, Malleable Iron.
Chisholm-Moore Mfg Co The, 5046 Lakeside av ..... Rosedale 2926

Castings, Motor.
Interstate Foundry Co, E 61st and Roland. Broadway 704

Cells—Jail, Steel Tool Proof.
Van Dorn Iron Works Co The, 2685 Bell-Rosedale 3036
East 79th ..... Ohio State-Princeton 222

Chain Hoists.
Round D & Son, Station F ..... Bell-Broadway 545
..... Ohio State-Union 53

Chains, Silent.
Morse Chain Co, Engineers bldg ..... Main 1941

Chair Mnfrs.
Marble & Shattuck Chair Co The, 96 Foster av Eddy 129

Chemists—Analytical.
Crobaugh Frank L Co, Bratenahl bldg .... Main 1462

Chimney Builders, Radial Brick and Concrete.
Rust Engineering Co The, Citizens bldg ... Main 3863

Chisel Blanks.
Cleveland Steel Tool Co The, 660 E 82d .. Rosedale 841

Christmas Money Club Supplies.
Forman-Bassett Co The, 1427-33 Bell-Main 4492
W 3d ..... Ohio State-Central 1361

Circular Advertising.
Direct Advertising Co The, 737 Prospect av ..... Central 4585-W

Class Rings & Pins.
Cleveland Metal Specialties Co, 1291 W 6th ..... Ohio State-Central 5989-W

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The, Guardian bldg ..... Main 6975

Clocks, Watchmans.
American Watchman's Time Detector Co The, 3403 Perkins av ..... Rosedale 4263

Coal & Coke Wholesale.
Clarkson Coal Mining Co, Rockefeller bldg .. Main 2693
Hanna M A & Co, Leader News bldg ..... Main 3585
Hutchinson Coal Co, Rockefeller bldg ..... Main 5535
Kanawha Rail & River Coal Co, Rockefeller bldg ..... Main 1779
Kendall Coal Mining Co The, Bell-Main 5194
Rockefeller bldg ..... Ohio State-Central 8678
Lake City Coal Co The, Rocke- Bell-Main 4885
feller bldg ..... Ohio State-Central 48
Lorain Coal & Dock Co The, Rocke- Bell-Main 6162
feller bldg ..... Ohio State-Central 2474
Myers Coal & Coke Co, The Bell-Main 4875
Arcade ..... Ohio State-Central 6680
Obdert H S Coal Co The, Rockefeller Bell-Main 3318
bldg ..... Ohio State-Central 1713
Van Epps Coal Co The, Rockefeller Bell-Main 5995
bldg ..... Ohio State-Central 5269-R

Coal Handling Machinery.
Brown Hoisting Machinery Co The, 4403 St Clair av ..... Prospect 1640

Columns—Cast Iron. Building.
United States Cast Iron Pipe & Foundry Co, 1150 E 26th ..... Prospect 761

Commercial Illustrators.
Luck Illustrating Co The, American Trust bldg ..... Main 2173

Commercial Photographers.
Black C M, Commercial Photographer, Anisfield bldg ..... Prospect 2689
Cleveland Commercial Photo Co, 1514 Prospect av ..... Prospect 2516-W
Hosposka Bros, 1841 Euclid av ..... Prospect 1198-W
Knobloch J F, 409 Superior West ..... Main 1981
Koss H, 1804 E 26th ..... Prospect 363
Ohio Commercial Photograph Co, 772 E 82d ..... Rosedale 5004-W

Concrete Construction.
Raymond Concrete Pile Co, 1836 Euclid av ..... Prospect 2210

Concrete Floors, Binder, Waterproofer & Hardener.
American Concrete Filler Co The, Hippodrome Annex bldg ..... Main 5798

Concrete Mixers.
Clarke F H Mfg Co ("The Kelly Mixer") 10720 Superior av ..... Garfield 5124-W
Koehring Machine Company (Bacon Engineering Sales Co) Rose bldg ..... Main 4000

Concrete Piles.
Raymond Concrete Pile Co, 1836 Euclid av ..... Prospect 2210

Confectioners, Manufacturing.
Ohio Confection Co The, 5305 Sweeney av ..... Bell-Broadway 800 Ohio State-Union 148-W

Consulting Engineers.
Prather H B, Rockefeller bldg ..... Main 2043

Contractor's Machinery & Equipments.
Lane Thomas J, Bushnell bldg ..... Main 3179

Copper—In Rolls and Sheets.
Cleveland Brass & Copper Mills Inc The, Guardian bldg ..... Main 3644

Corrugated Paper.
Mid-West Box Co, 1133 E 152d ..... Eddy 6842
See our Catalog Space, page 926

Corrugated Shipping Cases.
Mid-West Box Co, 1133 E 152d ..... Eddy 6842
See our Catalog Space, page 926

Cottage Cheese Tubs.
Jennings Sanitary Milk Bottle Co The, 5115 Tillman av ..... Edgewater 1025

Cotton Waste, Cheese Cloth Remnants & Wiping Cloths.
Weiskopf J & Son, 1575-85 Merwin av N W ..... Bell-Main 2869 Ohio State-Central 3990

Counting Scales.
National Scale Co, Erie bldg ..... Prospect 3434

Cranes.
Brown Hoisting Machinery Co The, 4403 St Clair av ..... Prospect 1640
Northern Engineering Wks, (J G Bricker) Marshall bldg ..... Main 469

Cranes, Overhead, Hand Power, All Types.
Nisholm-Moore Mfg Co The, 5046 Lakeside av ..... Rosedale 2926

Culverts—Cast Iron.
United States Cast Iron Pipe & Foundry Co, 1150 E 26th ..... Prospect 761

Cutters.
National Tool Co The, W Madison and W 112th ..... Bell-Edgewater 2240 Ohio State-Highland 408

Designing & Contracting Mechanical Engineers.
Gaehr David (Equipment for expeditions handling of materials), Rockefeller bldg ..... Bell-Main 1871 Ohio State-Central 6556

Desk Room—Mail Forwarding Service.
Six City Service Co, Schofield bldg ..... Main 5788

Detective Agencies.
Burns Wm J, International Detective Agency, The Inc, Swetland bldg ..... Bell-Prospect 59 Ohio State-Central 1946
See our Catalog Space, page 938
Central Union Detective Agency Co The, Engineers bldg ..... Bell-Main 5469 Ohio State-Central 1845-R
Corporation Service Bureau Inc The, New Guardian bldg ..... Main 1146
Mintz Jake Detective Agency, Cuyahoga bldg ..... Bell-Main 29 Ohio State-Central 5875

Detective & Police Bureaus.
Folger H Clay, Schofield bldg ..... Bell-Main 5872 Ohio State-Central 2747-W

Dictaphones.
Columbia Graphophone Co, 1375 Euclid av ..... Prospect 3180

Disinfectants.
Chamberlain Haber Chemical Co, 1625 Prospect ..... Prospect 2148
Hunt Mfg Co The, 3335 Broadview rd ..... Harvard 148

Docks—Builders.
Raymond Concrete Pile Co, 1836 Euclid av ..... Prospect 2210

Drills (Chain) Saw & Bench Vises.
Buckeye Mfg & Foundry Co, 2046 W 55th ..... Edgewater 420-J

Drop Forgings.
Champion Machine & Forging Co The, 3695 E 78th ..... Broadway 904

Dryers.
Kilby Manufacturing Co The, 4623 Lakeside av N E ..... Rosedale 6301

Dust Absorbent Cloths, Mops & Dusters.
Pioneer Mfg Co The, 10309 Harvard av ..... Bell-Broadway 694 Ohio State-Union 527-R

Electric Conduit Boxes.
Adapti Co The (Outlet, Junction, Rotary and Push Switch Boxes), 919 West ..... Main 1431

Electric Heating Devices—Domestic & Automobile.
Electrocraft Co The, 2187 East 2nd ..... Central 7770-L

Electrical & Mech. Equipment, Furnshd & Installed.
Cuyahoga Power Construction Co The, American Trust bldg ..... Bell-Main 3390 Ohio State-Central 8390-R

Electrical Repair Shops.
Cleveland Armature Works, 4732 St Clair av NE ..... Rosedale 2954

Electrical Wiring Specialties—Manufacturers.
Standard Electrical Specialties Mfg Co, 504 Prospect av S E ..... Bell-Main 5376 Ohio State-Central 295

Electricians & Acid Rubber Glove Mnfrs.
Aetna Rubber Co, 815 E 79th ..... Rosedale 732

Electrodes—Carbon.
National Carbon Co Inc, Madison, av N W and W 117th ..... Bell-Edgewater 1100 Ohio State-Highland 500

Electrotypers.
Art Electrotype Foundry Co The, 1104 Prospect av S E ..... Bell-Prospect 890 Ohio State-Central 5673-L

Electrotypers & Engravers.
Cleveland Electrotype Co, 2171 East 2nd ..... Bell-Main 1753-J Ohio State-Central 4982-W

Elevating Trucks.
Lewis-Shepard Company (H S Sharpe, Agt), Swetland bldg ..... Bell-Prospect 128 Ohio State-Central 7742-W

Emery Wheel Dresser & Steam Flue Cleaners.
Cleveland Flue Cleaner Mfg Co, 321 Frankfort av N W ..... Ohio State-Central 3107-R

Enameled Specialties.
Enamel Products Co The, Eddy rd and Taft av. Eddy 4106

Enameled Store Parts, Table Tops and Iron Signs.
Enamel Products Co The, Eddy rd and Taft av. Eddy 4106

Enamelers.
Cleveland Enameling & Mfg Co The, 10012 Quincy av ..... Bell-Garfield 672 Ohio State-Princeton 756

Engineering—Consulting, Civil.
Thomas Edgar B, (Docks, Piers, Shore Protection, Municipal), Guardian bldg ..... Main 3684

Engineering Service Bureau.
Cleveland Engineering Agency Co The, Rose bldg ..... Main 1

Engineers—Consulting, Heating.
Roberts & Winslow Co The, Guardian bldg ..... Bell-Main 710 Ohio State-Central 3254-R

Engineers—Electrical & Mechanical.
Rae Frank B, Century bldg ..... Main 3238

Engineers—Power Equipment.
Meriam Company The, 1514 Prospect av S E ..... Prospect 2931

Evaporators.
Kilby Manufacturing Co The, 4623 Lakeside av N E ..... Rosedale 6301

Excelsior.
Excelsior Supply Co, 1732 Merwin rd ..... Main 4950

Factory Supplies and Signaling Apparatus.
National Scale Co, Erie bldg ..... Prospect 3434

Fans, Blowers & Exhausters, Mfrs.
Ilg Electric Ventilating Co, Schofield bldg ..... Main 776

Fences.
Acme Fence & Iron Co The, 8506 Lake av N W ..... Bell-Edgewater 1157 Ohio State-Lorain 689-W

Fences, Iron and Wire, Also Chain Link Netting.
Anchor Post Iron Works, New Guardian bldg, 627 Euclid av ..... Main 5955

Fences—Wire and Iron.
Cyclone Fence Company, 1230 E 55th ..... Rosedale 3012
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CLEVELAND—continued

Fences, Wrought Iron.
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 E 79th.....Ohio State-Princeton 222

Fertilizer Mnfrs.
Stadler J L & H Rendering & Fertilizer Co The, 908 Denison av. Bell-Harvard 722 Ohio State-Central 3278

Fibre.
American Vulcanized Fibre Co, Engrs bldg...Main 4582

Fibre Containers.
American Can Co, 1677 E 40th.....Rosedale 5850

Fibre Shipping Containers.
Mid-West Box Co, 1133 E 152d.....Eddy 6842
See our Catalog Space, page 926

Filing Cabinets, Steel.
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

Filter Presses.
Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

Fire Appliances.
Pyrene Manufacturing Co, 1223 Prospect av .....Prospect 3360

Fire Brick.
Stowe Fuller Co The, Rockefeller bldg.....Main 2644

Fire Brick, Silica, Magnesite and Chrome.
Harbison-Walker Refractories Co, Rockefeller bldg .....Main 5263

Fire Extinguishers.
Fyr-Fyter Co The (M F Kane, Mgr), 1512 Prospect av N E.....Prospect 2590

Fire Proof Doors & Windows.
Reliance Fireproof Door Co, (The Geis-Hasse Co) Swetland bldg.....Prospect 611

Fittings—Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe & Foundry Co, 1150 E 26th.....Prospect 761

Flooring (Composition) Sanitary Fireproof.
Marbleloid Co The, Erie bldg.....Prospect 2307

Forgings.
Cleveland Knife & Forge Co The, 1960 W 114th.....Edgewater 1460

Forms (Special Wire).
Cuyahoga Spring Co The, 16606 Waterloo rd .....Eddy 5860

Forwarding Agents, & Freight Brokers.
Evans John L & Co, Engineers bldg.....Main 3215

Foundries.
Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

Furnaces.
Forest City Foundry & Mfg Co, Bell-Main 72
2202 Elm .....Ohio State-Central 5349-W

Furnaces, Oil for Forging, Heat Treating Etc.
Railway Materials Co The, Schofield bldg....Main 94

Furniture (Steel, Office).
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

Gages, Ammonia, Hydraulic, Steam (All Pressures).
Bronson-Overly Company (Bogardus-Nelson Co, Reps), Century bldg.....Main 1823

Galvanizers—Hot & Electro Process.
Cuyahoga Galvanizing Mfg Co The, 1280 E 59th .....Rosedale 332

Gasoline.
Lubric Oil Co The, Bell-Rosedale 5160
1235 Marquette rd.....Ohio State-Central 1664

Glass—Broken—Dealers.
Bassichis J & Son, Society for Savings bldg .....Bell-Main 905 Ohio State-Central 905

Grab Buckets.
Advance Engineering Co The, Bell-Rosedale 931
6539-6541 Metta av...Ohio State-Princeton 1675-R

Granite Paving Block, Crushed Granite.
Northern Granite & Stone Co The, Leader News bldg.....Main 4878

Grey Iron Castings.
Forest City Foundry & Mfg Co, Bell-Main 72
2202 Elm .....Ohio State-Central 5349-W

Hangers, Joist, Wall & I-Beam Styles.
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

Hardware—Specialties.
Diamond Stamping Works Co The, 1944-46 East 55th .....Rosedale 4830

Hardwood Floors.
Cleveland Hardwood Floor Co, Main 5290
Colonial Arcade .....Ohio State-Central 8256-K

Heat Treating.
Steel Improvement & Forge Co The, 5003 Windsor av .....Rosedale 3109

Heaters—Gas, for Steam, Vapor & Hot Water Heating.
Bryant Heater & Mfg Co The, 952 Bell-Rosedale 1149
East 72d .....Ohio State-Princeton 2603-W

Heaters, Motor Car.
Standard Parts Co The, Hickox bldg.....Main 6933

Hides & Skins.
Hughes Provision Co The, 3199 W 65th .....Edgewater 3150

Hoists.
Brown Hoisting Machinery Co The, 4403 St Clair av.....Prospect 1640

Hoists, Chain, all Types Including Trolley Hoists.
Chisholm-Moore Mfg Co The, 5046 Lakeside av .....Rosedale 2926

Hotels.
Colonial Hotel Co The, Prospect Bell-Main 4520
av .....Ohio State-Central 3951
Gilsey Hotel Co The, 1811 Bell-Prospect 3120
E 9th .....Ohio State-Central 5004
Hotel Euclid Co The, Euclid av Bell-Prospect 2500
at E 14th.....Ohio State-Central 8900
Hotel Olmsted, East 9th & Bell-Main 5030
Superior .....Ohio State-Central 2364

House Dresses, Dressing Sacques & Kimonos.
Metropolitan Mfg Co, 1548 W 6th .....Ohio State-Central 597-W

Ice Making & Refrigerating Machinery.
Phoenix Ice Machine Co The, 2711 Church av .....Harvard 1753

Illuminating Glassware & Metal Reflectors.
Ivanhoe-Regent Works of General Electric Co, 5716 Euclid av.....Rosedale 5760

Illustrators.
E & W Art Service, Eric bldg.....Prospect 3197

Ingots—Heavy Open Hearth Forgings.
Cushman H D Co, Rockefeller bldg.....Main 1871

Iron Fences, Railings, Gates, etc.
Anchor Post Iron Works, New Guardian bldg, 627 Euclid av.....Main 5955

Iron, Ornamental and Architectural.
Tyler W S Company The, Superior av and E 36th.....Prospect 1673

Iron & Steel.
Federal Tool & Alloyed Steel Corporation, 1280 Ontario .....Main 4599

Iron & Steel Scrap.
McCarthy W B, Rose bldg.....Main 616

Iron Work (Ornamental).
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

Jail Work.
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th.....Ohio State-Princeton 222

Joist Hangers, Steel.
Van Dorn Iron Works Co The, Bell-Rosedale 3036
2685 East 79th .....Ohio State-Princeton 222

Knife Mnfrs. (Shear Blades)
Cleveland Knife & Forge Co The, 1960 W 114th .....Edgewater 1460

Knit Goods.
Rose Knit Goods Co The, 1251 W 9th.....Main 57

Labor Adjustors.
Manufacturers Service Co The, Bell-Main 897
Schofield bldg .....Ohio State-Central 3461

Lamp Black & Blacks of all Varieties.
Martin L Co The (R L Fuller Co), Guardian bldg .....Main 7270

Leather Belting.
Alexander Bros Leather Belting (The W Bingham Co), 1278 W 9th.....Main 6420

Liberty Bond Club Supplies.
Forman-Bassett Co The, Bell-Main 4492
1427-33 W 3d.....Ohio State-Central 1361

Lighting Fixtures.
Scott-Ullman Co The, 3400 Perkins av...Rosedale 6136

Lighting Fixtures (Residences & Commercial).
Art Metal Mfg Co, E 61st and Curtis av..Rosedale 27

Liquid Core Compound.
Crawford Specialty Mfg Co The, Bell-Main 7108
Blackstone bldg .....Ohio State-Central 1424-W
Smith Werner G Co The, Hird & Detroit av .....Marlo 3520

Lithographers.
Central Lithograph Co The, 113 St Clair N E Vulcan bldg .....Main 2680
Morgan Lithograph Co, St Clair and E 3d...Main 2686
Wilcox H H Lithograph Co (Posters, Hangers, Cut-outs, Window-Trims), 772 East 82d .....Rosedale 1392

Lockers, Steel.
Medart Fred Mfg Co, (W H Caskey Rep) Leader News bldg .....Main 4025

Lockers & Steel Shelving.
Barshal Steel Equipment Co The, Leader News bldg.....Main 1935

Lockers, Wardrobe, Steel.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Lubricating Oils.
Universal Lubricating Co The, Schofield bldg.Main 94

Lumber.
Cuyahoga House Wrecking Co The, 6311 Kinsman rd.....Bell-Rosedale 144 Ohio State-Central 3422-K

Machinery Builders.
City Machine Co The, 5321 St Clair av.Rosedale 6161

Machinery—New & Second Hand.
Rainsford T F & Co, 1276 E 55th.....Rosedale 5021

Machinery, Special.
Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

Machinists.
Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

Magnetos & Ignition Apparatus.
-W Ignition Co The, 2811 Chester av N E .....Bell-Prospect 1560 Ohio State-Central 2531-R

Mailing Lists.
irect Advertising Co The, 737 Prospect av .....Central 4585-W

Mailing Lists & Letter Duplicating.
azon Service Corp, Schofield bldg.....Main 4788

Malleable Iron Pipe Fittings.
rabler Mfg Co, 6565 Bway.....Bell-Bway 244 .....Ohio State-Union 42

Maps—Mechanical, City.
ohr Map Co The, Schofield bldg.....Main 2865

Metal Office & Factory Equipment.
arshal Steel Equipment Co The, Leader News bldg .....Main 1935

Metal Stamping.
amond Stamping Works Co The, 1944-46 East 55th .....Rosedale 4830

Milling Cutters.
eveland Milling Machine Co, 18511 Euclid av.....Bell-Nottingham 152 Ohio State-Wood 61
wles Tool Co, 2086 W 110th.....Edgewater 3468
tional Tool Co The, W Madison and W 112th.....Bell-Edgewater 2240 Ohio State-Highland 408
See our Catalog Space, page 979

Milling Machines.
veland Milling Machine Co, 18511 Euclid av.....Bell-Nottingham 152 Ohio State-Wood 61

Motor Cycle Frames & Parts.
ndard Parts Co The, Hickox bldg.....Main 6933

Motors & Dynamos.
veland Electric Motor Co The, 5518 Euclid av .....Rosedale 728

Motors, Electric Direct & Alternating Current.
estic Electric Co The, 1125 Oregon av N E.....Prospect 3460

Motors—Electric Manufacturer.
ance Electric & Engineering Co, 1088 Ivanhoe rd.....Bell-Eddy 5740 Ohio State-Wood 185

Multigraph Form Letters.
National Addressing Co The, Caxton bldg...Main 1321
See our Catalog Space, page 906

Multigraphers, Mimeographers & Printers.
Standard Multigraphing Co, Sincere bldg .....Bell-Main 5792 Ohio State-Central 4358

Multigraphing.
Direct Advertising Co The, 737 Prospect av .....Central 4585-W

Multigraphing & Mailing.
Ives L R Co, 1900 Euclid av.....Prospect 349

Multigraphs, Manufacturers.
American Multigraph Sales Co The (Form Typewriting & Office Printing Machines), 3935 Kelley av..Rosedale 3183 Ohio State-Central 4583

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co. (Theo S Hall Agt), 5514 Whittier.Rosedale 347-J

Neck Wear Manufacturers.
Simon & Jacoby, 1306 W 6th .....Bell-Main 4329-J Ohio State-Central 8318-L

Office Furniture, Steel.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Oil Mill Machinery.
Anderson V D Co The, 1935 W 96th .....Bell-Edgewater 765 Ohio State-Lorain 765

Oils.
Canfield Oil Co The, 3216 E 55th.....Bell-Broadway 1730 Ohio State-Union 205
Great Western Oil Co The, 2846 E 37th.Broadway 1443
Valley Oil Co, Century bldg.....Main 3972

Oils, Greases, Lubricating Oils, etc.
Lubric Oil Co The, 1235 Marquette rd .....Bell-Rosedale 5160 Ohio State-Central 1664

Oils, Greases, Oil Soaps & Thread Cutting Oils.
Phoenix Oil Co The, 2554 W 5th S W...Harvard 2600

Oils, Lubricating Greases & Paints.
Brooks Oil Co The, Bessemer av & C & P R R.....Bell-Bway 1430 Ohio State-Union 198-W

Ornamental Iron.
Rose E R, 818 Champlain.....Main 4049

Ornamental Iron Work.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, Engineers bldg.....Main 2230
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Packing Pads.
Excelsior Supply Co, 1732 Merwin rd.....Main 4950

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co, (Cleveland Tool & Supply Co), (For Oils, Alkalies & Benzol Products), 1427 W 6th.Bell-Main 6213 Ohio State-Erie 52

Paints.
Blackstone Oil & Paint Co The Blackstone bldg .....Bell-Main 7108 Ohio State-Central-1424-W
Colorcraft Co The, 1248 W 70th.....Edgewater 3616
Iroquois Mfg Co The, 6408 Euclid av....Rosedale 2308

Paints (Manufacturers).
Vaughan Paint Co The, Columbus rd and Big 4 .....Main 5043

Paints & Lubricating Oils.
American Oil & Paint Co The, 5511 Euclid av .....Rosedale 2562-J

Paints (Special) & Oils.
Standard Linseed Co, Willey av & Big 4 R R .....Bell-Harvard 2436 Ohio State-Central 3963

Paper.
Globe Paper Co The, 703 Bolivar rd .....Bell-State 2121 Ohio State-Central 241

Paper—All Kinds.
Union Paper & Twine Co, St Clair av N W .....Bell-Main 6360 Ohio State-Central 8115

Paper Box Boards.
La Boiteaux C L Co, Guardian bldg.....Main 3030

Paper Boxes, Corrugated and Fibre.
Mid-West Box Co, 1133 E 152d.....Eddy 6842
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Paper Containers.
Jennings Sanitary Milk Bottle Co The, 515 Tillman av.....Edgewater 1025

Paper Plates & Boxes.
Union Paper & Twine Co, St Clair av N W .....Bell-Main 6360 Ohio State-Central 8115

Paper Towels.
Union Paper & Twine Co, St Clair av N W .....Bell-Main 6360 Ohio State-Central 8115

Parquet Floors.
Cleveland Hardwood Floor Co, Colonial Arcade .....Main 5290 Ohio State-Central 8256-K

Patent Attorneys.
Bates & Macklin, Society for Savings bldg..Main 5678
Donnelly W E & J J, Cuyahoga bldg.....Main 1051
Hull, Smith, Brock & West, Illuminating bldg .....Main 1700
Monroe Wm M, Engineers bldg.....Main 4126

Pattern Makers & Manufacturers.
S-P Manufacturing Co The, 872 E 72d..Rosedale 3098
Superior Pattern Works Co The, 1247 Marquette rd .....Rosedale 3820

Patterns—Wood & Metal.
Cleveland Castings Pattern Co The, 1930 East 61st .....Rosedale 2824

Paving Brick.
Medal Paving Brick Co, Swetland bldg .....Bell-Prospect 136 Ohio State-Central-1180

Pens—Pencils & Carbon Paper.
International Corporation Supply Co, Rockefeller bldg .....Main 1681-J

Perforating Machines.
American Perforator Co The, The Arcade....Main 5295

Petrolatum Manufacturers.
Canfield Oil Co The, 3216 E 55th .....Bell-Broadway 1730 Ohio State-Union 205

Piles—Concrete.
Raymond Concrete Pile Co, 1836 Euclid av .....Prospect 2210

Pins—Coupler & Air Brake.
Champion Rivet Co, Harvard av S E and E 108th.....Bell-Broadway 735 Ohio State-Union 883-L

Pipe (Cast Iron, B & S Flange, Flexible Joint).
United States Cast Iron Pipe & Foundry Co, 1150 E 26th.....Prospect 761

Pipe Bending and Pipe Coils.
National Valve & Mfg Co (L S Garrett, Agt), Guardian bldg.....Main 3991

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Pipe Headers, (Welded).
National Valve & Mfg Co (L S Garrett, Agt), Guardian bldg.....Main 3991

Piping (Contractors Power).
National Valve & Mfg Co (L S Garrett, Agt), Guardian bldg.....Main 3991

Pistons.
Aluminum Castings Co The (Lynite), 6205 Carnegie av .....Rosedale 3770

Plastic Cements.
Eclipse Paint & Mfg Co The (Armorcote), 6408 Euclid av .....Rosedale 1350

Platers (of all Metal Products).
Products Plating Works, 5317 Euclid av..Rosedale 1463

Platers—Gold, Silver, Nickel, Bronze & Brass.
Central Plating Works, 708 Vincent av .....Bell-Main 2604-J Ohio State-Central 2049-R

Plumbers Supplies.
Cuyahoga House Wrecking Co The 6311 Kinsman rd.....Bell-Rosedale 144 Ohio State-Central 3422-K

Plumbers Trap, Mnfrs.
Cudell F E, 10013 Detroit av.....Edgewater 1282

Polishing & Plating.
Champion Plating Works, 5902 Carnegie av .....Rosedale 1615

Post Caps, Steel for Wood Columns.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Poster Advertisers.
Bryan Co The, 2120 East 19th.....Prospect 1936

Power Transmission.
Morse Chain Co, Engineers bldg.....Main 1941

Power Transmitting Machinery.
Hill Clutch Co The, West 65th & Breakwater av .....Edgewater 1120

Printers.
R & S Printing Service Corp The Hippodrome bldg .....Bell-Main 3885 Ohio State-Central 616
Savage J B Co The, 1395 East Third.....Main 5240

Printing Machinery Type and Supplies.
American Type Founders Co, 15 St Clair av NE .....Main 1787
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Prison Work, Steel.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Production Engineers.
Woodward Charles Co The, 1900 Euclid av .....Prospect 964

Publishers, Trade Journals.
Penton Publishing Co The, Penton bldg..Prospect 1990

Pulley Covering with Heavy Cotton Carpet.
Eclipse Pulley Covering Co The, 1430 W 6th.Main 3451

Punches and Dies.
Cleveland Steel Tool Co The, 660 E 82d..Rosedale 841

Rat Exterminators.
Rose Rat Exterminator Co, 2122 E 2d.....Main 1152

Reamers.
Cleveland Twist Drill Co The, E 49th and Lakeside .....Rosedale 3120
Kelly Reamer Co The, 1555 Columbus rd....Main 1080

Recording Ship Logs and Range Finders.
Nicholson Ship Log Co, 409 Superior av N W .....Main 3695

Refiners of Copperbearing Materials & Ores.
National Copper Refining Co The, 4215-17-19 Trumbull av....Bell-Broadway 2131 Ohio State-Union 1278

Refiners of Petroleum.
Canfield Oil Co The, 3216 E 55th .....Bell-Broadway 1730 Ohio State-Union 205

Refrigerating & Ice Making Machinery.
Phoenix Ice Machine Co The, 2711 Church av .....Harvard 1753

Refrigerators for All Purposes.
McCray Refrigerator Co, 1915 Euclid av .....Bell-Prospect 2241 Ohio State-Central 3329-K

Rims, Motor Car.
Standard Parts Company The, Hickox bldg..Main 6933

Rivet Sets.
Cleveland Steel Tool Co The, 660 E 82d.Rosedale 841

Rivets—Boiler, Ship, Tank and Structural.
Champion Rivet Co, Harvard av S E and E 108th.....Bell-Broadway 735 Ohio State-Union 883-L

Rivets—Perfection Boiler, Ship and Structural.
Carlin Anthony Rivet Works, 2717 E 75th .....Rosedale 234

Rolling Mill Work.
Kilby Manufacturing Co The, 4623 Lakeside av N E.....Rosedale 6301

Roofing.
Cleveland Asbestos Roofing Co, 4951 Mead av .....Broadway 681-R

Roofing (Plastic).
Iroquois Mfg Co The, 6408 Euclid av....Rosedale 2308

Roofing Papers & Building Papers.
Union Paper & Twine Co, St Clair av N W.....Bell-Main 6360 Ohio State-Central 8115

Roofing Protections.
Eclipse Paint & Mfg Co The, 6408 Euclid av .....Rosedale 1350

Roofing Tile.
Ludowici-Celadon Company, 507 Hippodrome bldg .....Main 2418

Rubber Stamps.
Acme Stamp Co 421 Prospect av .....Bell-Main 6079 Ohio State-Central 3943-L

Rust Proofing.
Parker Rust Proof Co, of America 2617-2625 East 76th.....Rosedale 4939

Safes.
Baum J Safe & Lock Co The (Otto Durr), Columbia bldg .....Ohio State-Central 3613-W

Safes, Light Weight.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Scales, Counting.
National Scale Co, Erie bldg.....Prospect 3434

Scrap Iron.
Bialosky Bros & Co, 8434 Kinsman rd .....Bell-Broadway 1665 Ohio State-Princeton 682
Friedman Max & Co, 2706 E 75th.....Rosedale 620

Scrap Iron and Metals.
Atlas Metal Co, 2651 E 75th.....Bell-Rosedale 4195 Ohio State-Princeton 881
Cuyahoga Scrap & Metal Co, 7411 Cedar av .....Bell-Rosedale 520 Ohio State-Princeton 352

Scrap Iron and Second Hand Structural Material.
Cohen M & Son Co, 1252 E 55th.....Bell-Rosedale 71 Ohio State-Central 4006-L

Scrap Iron, Steel & Metals.
Canadian Scrap Iron & Metal Co, 2199 E 40th.....Bell-Rosedale 128 Ohio State-Central 5274
Fertel-Dangler-Wilson Co The, Schofield bldg .....Bell-Main 6184 Ohio State-Central 1033
Friedman Bros, 2655 E 79th.....Bell-Rosedale 3936 Ohio State-Princeton 2656-W
Weller D & Son, 2661 E 75th.....Bell-Rosedale 5787 Ohio State-Princeton 23

Scrap Metal.
Hirsch G & Co, 437 Prospect av N W.....Main 2666
New York Metal Exchange Co, 10126 St Clair av.....Eddy 996

Screening Machinery.
Tyler W S Company The, Superior av and 36th .....Prospect 1673

Screws.
National Screw & Tack Co The, Stanton av S E & C & P R R.....Rosedale 5728

Screws and Screw Machine Products.
Ferry Cap & Set Screw Co, 2151 Scranton rd .....Harvard 1947

Sewing Machines (Manufacturers).
Standard Sewing Machine Co The, 6402 Cedar av .....Rosedale 3166

Sheet Metal Work.
Acme Sheet Metal & Mfg Co, 2343 Lakeside av N E .....Prospect 206

Shelving, Steel.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Smelters and Refiners.
Atlas Metal Co, 2651 E 75th.....Bell-Rosedale 4195 Ohio State-Princeton 881

Soluble Oil Base.
Metalene Chemical Co The, Soc for Sav bldg.Main 1371

Spark Plugs.
Reflex Ignition Co, 1708 Payne av N E..Prospect 1986

Special Tools.
Cleveland Milling Machine Co, 18511 Euclid av.....Bell-Nottingham 152 Ohio State-Wood 81

Spokes (Wire).
National Screw & Tack Co The, Stanton av S E & C & P R R.....Rosedale 5728

Spring Oilers.
Brown Spring-Oiler Co The, 6911 Carnegie SE .....Rosedale 3836

Springs (Wire).
Cuyahoga Spring Co The, 16606 Waterloo rd .....Eddy 5860

Springs, Flat Leaf.
Standard Parts Company The, Hickox bldg.Main 6933

Stairways—Iron & Steel.
Van Dorn Iron Works Co The, 2685 East 79th .....Bell-Rosedale 3036 Ohio State-Princeton 222

Stairways, Steel Circular.
Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Stampings (Flat Light).
Cuyahoga Spring Co The, 16606 Waterloo rd ..... Eddy 5860

Steam Fittings.
Smolensky M Mfg Co The, 2108 Superior av N W ..... Main 1505

Steam Specialties.
Anderson V D Co The, 1985 W 96th ..... Bell-Edgewater 765 Ohio State-Lorain 765

Steel.
Federal Tool & Alloyed Steel Corporation, 1280 Ontario ..... Main 4599

Steel—Angles & Channels.
Elyria Iron & Steel Co The, 232 E 131st.... Eddy 3700

Steel—Bars & Flats.
Elyria Iron & Steel Co The, 232 E 131st.... Eddy 3700

Steel Bars—Round Squares, Twisted Squares.
Cushman H D Co, Rockefeller bldg..... Main 1871

Steel—Cold Drawn.
FitzSimons Co The (C E Lowe, District Sales Mgr) 310 Carlyon rd..... Eddy 232

Steel Filing Equipment and Furniture.
Barshal Steel Equipment Co The, Leader News bldg..... Main 1935

Steel Plate Work.
Kilby Manufacturing Co The, 4623 Lakeside av N E..... Rosedale 6301

Steel Rails.
Sweet's Steel Co (H D Cushman Co, Representative), Rockefeller bldg..... Main 1871

Steel Rails Accessories—Light and Heavy Sections.
Cushman H D Co, Rockefeller bldg..... Main 1871

Steel Shapes.
Elyria Iron & Steel Co The, 232 E 131st.... Eddy 3700

Steel Shelving.
National Scale Co, Erie bldg..... Prospect 3434

Steel Shelving and Lockers.
Barshal Steel Equipment Co The, Leader News bldg..... Main 1935

Steel Stamps (Mnfrs).
Taylor Bros Co The, 706 Superior av N W ..... Bell-Main-2747 Ohio State-Central 369

Steel Stamps & Stencils.
Hickey Grabler Works The, 118 Noble ct.... Main 6794

Steel Storage Tanks—Second Hand.
Fitzsimmons & Co, 2946 Broadway S E..... Bell-Prospect 472 Ohio State-Central 2310

Steel Strips.
Elyria Iron & Steel Co The, 232 E 131st... Eddy 3700

Steel Work, Structural.
Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Stencil Cutting Machines.
Bradley Stencil Machine Co (Kenneth D Schureman, Dist Mgr), Advance bldg. Prospect 1781
Metal Stencil Machine The, (The Taylor Bros Co), 706 Superior av N W.... Bell-Main 2747 Ohio State-Central 369
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Stereopticon Slides.
Ohio Transparency Co, Superior bldg..... Main 3799-J

Storage.
Lincoln Fireproof Storage Co The, 5700 Euclid av ..... Rosedale 4200

Store Display Fixtures.
Buckeye Fixture Co The, 1292 W 4th..... Main 2359

Stoves—Gas.
Trenkamp Stove & Mfg Co The, 9806 Quincy av..... Bell-Garfield 842 Ohio State-Princeton 756

Structural Iron & Steel.
Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Structural Steel.
American Bridge Company, Guardian bldg.. Main 1678

Sugar.
Edgar W H & Son, Leader News bldg..... Main 2178

Sugar Machinery.
Kilby Manufacturing Co The, 4623 Lakeside av N E..... Rosedale 6301

Sweeping Compounds.
Pioneer Mfg Co The, 10309 Harvard av..... Bell-Broadway 694 Ohio State-Union 527-R

Systematic Savings Clubs Supplies.
Forman-Bassett Co The, 1427-33 W 3d..... Bell-Main 4492 Ohio State-Central 1361

Tablets, Bronze.
Tyler W S Company The, Superior av and 36th ..... Prospect 1673

Tacks, Mnfrs.
National Screw & Tack Co The, Stanton av S E & C & P R R..... Rosedale 5728

Tiles, Roofing.
Ludowici-Celadon Company, Hippodrome bldg. Main 2418

Time Recorders (Vehicle).
Service Recorder Co The, 2344 E 105th.. Garfield 1853

Tires.
Ideal Tire & Rubber Co The, Guardian bldg ..... Bell-Main 1010 Ohio State-Central 4414

Toilet Paper.
Union Paper & Twine Co, St Clair av N W ..... Bell-Main 6360 Ohio State-Central 8115

Toilet Partitions, Metal.
Carpenter R F Mfg Co The (Sanymetal), 978-984 E 64th..... Rosedale 3902

Tools—Gauges and Fixtures—Manufacturers.
S-P Manufacturing Co The, 872 E 72nd.. Rosedale 3098

Tools, Gauges, Machines (Special).
Brierley Machine Co, 1736 East 22d..... Prospect 2695

Torches (Oil & Gas).
Naab Mfg Co, 1384 Hird av..... Marlo 3051-W

Trade Mark Attorneys.
Donnelly W E & J J, Cuyahoga bldg..... Main 1051

Tramrail Systems.
Brown Hoisting Machinery Co The, 4403 St Clair av ..... Prospect 1640

Treads, Mason Safety.
American Mason Safety Tread Co, 1836 Euclid av ..... Prospect 2595

Trolleys (I-Beam Systems).
Chisholm-Moore Mfg Co The, 5046 Lakeside av ..... Rosedale 2926

Trucks, Elevating.
Lewis-Shepard Company (H S Sharpe, Agt), Swetland bldg.... Bell-Prospect 128 Ohio State-Central 7742-W
National Scale Co, Erie bldg..... Prospect 3434

Tubing—Seamless Steel.
Elyria Iron & Steel Co The, 232 E 131st.. Eddy 3700
Standard Parts Company The, Hickox bldg. Main 6933

Tubular Parts, Steel.
Standard Parts Company The, Hickox bldg. Main 6933

Twines & Cordage.
Union Paper & Twine Co, St Clair av N W ..... Bell-Main 6360 Ohio State-Central 8115

Twist Drills.
Cleveland Twist Drill Co The, E 49th and Lakeside ..... Rosedale 3120

Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, 15 St Clair av NE ..... Main 1787
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Typewriters—Portable.
Corona Typewriter Company Inc, 25 Euclid Arcade ..... Main 2067-J

Uniforms.
Cleveland Uniform Co, 2068 E 4th..... Ohio State-Central 4344-R

Uniforms, Manufacturers and Equipments.
Bloch Co The, E 4th and Prospect ..... Bell-Main 4251 Ohio State-Central 3170-W

Vacuum Cleaners.
Apex Electrical Distributing Co The, 1111 Power av ..... Prospect 2750

Vacuum Pans.
Kilby Manufacturing Co The, 4623 Lakeside av N E..... Rosedale 6301

Valves.
Ideal Bronze Co The (Smolensky—Rotary Check), 1261 E 55th..... Rosedale 640
Smolensky M Mfg Co The, 2108 Superior av N W ..... Main 1505

Valves (Iron and Steel).
National Valve & Mfg Co (L S Garrett, Agt), Guardian bldg..... Main 3991

Varnish Mnfrs.
Wright Varnish Co The, 7937 Kinsman av ..... Bell-Bway 607 Ohio State-Princeton 2482-R

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, Schofield bldg. Main 776

Wall Boxes, Steel.
Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Wall Paper Cleaner.
Climax Cleaner Mfg Co (Climax), Berea rd and W 110th.... Bell-Edgewater 2573 Ohio State-Lorain 647-W

Wall Plates, Steel.
Van Dorn Iron Works Co The, 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Wall Plugs.
Van Dorn Iron Works Co The (Van Dorn Griptite), 2685 East 79th ..... Bell-Rosedale 3036 Ohio State-Princeton 222

Weather Strips.
Diamond Metal Weather Strip Co The (Federal Screen Co), 10522 Norman av..... Garfield 981
Monarch Metal Weather Strip Co The (Burr-Avey Co, Distributors), Leader News bldg ..... Bell-Main 2970 Ohio State-Central 2151-R
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Niagara Metal Weather Strip Co (W H Taylor) Hippodrome bldg..... Main 2910

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Welding Apparatus.
Davis-Bournonville Co, 937 West st N W....Main 4088
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Welding Apparatus and Supplies.
Ideal Bronze Co The, 1261 E 55th.....Rosedale 640

Wheel Goods—Children's Vehicles.
Kirk Latty Mfg Co The, W 84th and Madison ..... Edgewater 782

Wheels—Automobile and Aeroplane.
Ackerman Wheel Co The, 542 Rockefeller bldg ..... Main 7080

Wiping Rags, Cheese Cloth and Mill Ends.
Goodman M & J, Bell-Prospect 2615
1733 East 12th.....Ohio State-Central 6905-W

Wiping Rags, Cheese Cloth and Muslin Remnants.
Standard Waste Mfg Co Bell-Broadway 1122-J
3067 East 61st.....Ohio State-Union 656-W

Wire Cloth, Gravel, Mining Screen, Locomotive Netting.
Cleveland Wire Cloth & Mfg Co Bell-Broadway 1125
The 3573 E 78th.....Ohio State-Union 661-W

Wire Cloth and Mining Screen.
Tyler W S Company The, Superior av and 36th .....Prospect 1673

Wire Fence, Chain Link Netting & Iron Railings.
Anchor Post Iron Works, New Guardian bldg, 627 Euclid av.....Main 5955

Wire Fence—Wire and Iron.
Cyclone Fence Company, 1230 E 55th...Rosedale 3012
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Wire Forming Machines.
Kilmer M D & Co, 6001 Quimby av.....Rosedale 4277

Wire and Iron Work.
Cyclone Fence Company, 1230 E 55th...Rosedale 3012
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Wire Manufacturers.
American Steel & Wire Co, Western Bell-Main 5211
Reserve bldg .....Ohio State-Central 787

Wire Rope Clips.
Lamson & Sessions Co The, Bell-Harvard 2075
2188 Scranton rd .....Ohio State-Central 3769

Wire Rope Manufacturers.
Moon George C Co Inc, Rockefeller bldg....Main 187

Wire Rope—New.
Moon Geo C Inc, Rockefeller bldg.....Main 187

Wire Shapes.
Cuyahoga Spring Co The, 16606 Waterloo rd .....Eddy 5860

Wire Spokes.
National Screw & Tack Co The, Stanton av S E & C & P R R.....Rosedale 5728

Wire Work—Partitions, Railings, Guards.
Denby H J Wire & Iron Co The, 5119 Euclid av .....Rosedale 4019

Wreckers.
Berko M Wrecking & Lumber Co Bell-Rosedale 5983
2718 E 40th .....Ohio State-Central 881
Cuyahoga House Wrecking Co The, Bell-Rosedale 144
6311 Kinsman rd .....Ohio State-Central 3422-K
Ohio House Wrecking Co, 2724 Bell-Rosedale 715-J
E 40th .....Ohio State-Central 8085-L
Ontario Wrecking & Construction Bell-Prospect 2180
Co The, 1448 Orange av..Ohio State-Central 118-L

Wrenches, Manufacturers.
Lamson & Sessions Co The, Bell-Harvard 2075
2188 Scranton rd .....Ohio State-Central 3769

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Machinery, Wood Working for Manual Training.
Enterprise Company The, Bell-Columbiana 5
South Main .....Ohio State 4

Pumps (Electric) Iron and Brass, Farm & Village Use.
Columbiana Pump Co, Railroad Bell-Columbiana 6
.....Ohio State 70-L

Saw Mills and Accessory Machinery.
Enterprise Company The, Bell-Columbiana 5
South Main .....Ohio State 4

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Accountants.
Osborn Frank A, First Natl Bank bldg.....Main 4605

Accountants—Certified Public.
Bishop Robert F Jr, 8 E Broad Bell-Main 6556
.....Ohio State 2305
Langdon W E, Huntington Bank bldg Bell-Main 2317
.....Ohio State 7716

Anvils.
Columbus Anvil & Forging Co The, 117 Bell-Main 722
W Frankfort .....Ohio State 5411
Columbus Forge & Iron Co The, Foot Bell-North 204
of West First av.....Ohio State 2848

Art Glass.
Acme Art Glass Co, 79 E Main Bell-Main 899
.....Ohio State 4694
Von Gerichten Art Glass Co, 555 Bell-Main 3925
South High .....Ohio State 2703

Ash Handling Equipment.
Jeffrey Mfg Co The, 927 North Fourth.....North 2360

Asphalt.
Barber Asphalt Paving Co The (Trinidad and Bermudez), 8 East Broad..Bell-Main 6556 Ohio State 2305

Autographic Registers and Roll Printed Stationery.
Hamilton Autographic Register Co (Otto Kersteiner, Dist Mgr), 2174 N High....North 3372

Automobile Wrecking.
Topper Bros, 260 Kimball Bell-Main 7728
.....Ohio State 6376

Bags—Burlap, Second Hand.
Columbus Bag & Burlap Co, 145 Bell Main-8523
W State .....Ohio State 7381

Barrels (Second Hand).
Columbus Barrell Cooperage Co, 462-64 Main 9189
Broderick .....Ohio State 6076

Belting.
Alexander Bros Leather Belting (The Bell-Main 4754
Ross Willoughby Co), 178 N 3d...Ohio State 5957

Bolt & Nut Manufacturers.
Standard Bolt Co The, Clinton & Big Bell-North 132
Four R R .....Ohio State 14797

Bolts, Nuts & Rivets.
Columbus Bolt Works Co The, 162 Bell-Main 2179
Randolph .....Ohio State 6451

Bonds, Guarantee.
National Surety Company (A W Geissinger, Mgr), Huntington Bank bldg.....Main 2576

Bonds, Surety.
National Surety Company (A W Geissinger, Mgr), Huntington Bank bldg.....Main 2576

Brass Founders & Finishers.
Columbus Brass Co The, 540 Dublin Bell-Main 3516
av .....Ohio State 7753

Burglary Insurance.
National Surety Company (A W Geissinger, Mgr), Huntington Bank bldg.....Main 2576

Cars—Industrial.
Kilbourne & Jacobs Mfg Co The, Bell-Main 91
Lincoln and Congress.....Ohio State 8368

Carts.
Kilbourne & Jacobs Mfg Co The, Bell-Main 91
Lincoln and Congress ..... Ohio State 8368

Castings, Malleable Iron.
Jeffrey Mfg Co The, 927 North Fourth.....Main 2360

Chain Manufacturers.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Coal Cutters.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Coal Handling Machinery.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Coal Mining Machinery.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Coal Tipple Machinery.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Cold Storage.
National Ice & Storage Co The, 5th Bell-Main 245
& Naghten .....Ohio State 8346

Concrete Mixers.
Jaeger Machine Co The, Hocking Bell-Main 1699
& Dublin .....Ohio State 9360
Koehring Machine Company (W W Williams, Dist Mngr), Brunson bldg.....Main 4894

Contractors Equipments Bought & Sold.
Topper Bros, 260 Kimball Bell-Main 7728
.....Ohio State 6376

Conveying, Elevating and Power Transmission Mach.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Crushing and Pulverizing Machinery.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Detective Agencies.
Brown & McLees, Schultz bldg.....Main 5709
Central Detective Bureau, 71 E Bell-Main 933
State .....Ohio State 6025
Commerce Detective Bureau, Grand Bell-Main 9203
Theatre bldg .....Ohio State 3442
Foster Thos E, 16 E Broad.....Bell-Main 418
.....Ohio State 2070
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Mahoney John J, 232½ N High Bell-Main 6513
.....Ohio State 4675
Ohio Detective Bureau Inc The, Bell-Main 7376
404 Dispatch Annex, 70 N High....Ohio State 4148
Ohio State Detective Agency, Bell-Main 3
Commerce bldg .....Ohio State 3333

Dies, Jigs—Tools & Special Machinery.
Capitol Die, Tool & Machine Co, 619-621 N 4th.....Ohio State 6326
Modern Tool Die & Machine Co, 216 Bell-Main 5537
N 4th .....Ohio State 2517

Drills—Coal.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Dump Cars (Automatic Air).
Kilbourne & Jacobs Mfg Co Lincoln and Congress.....Bell-Main 91 Ohio State 8368

Electrical Jobbers.
Electric Sales Company The, 67 East Gay .....Bell-Main 3096 Ohio State 4468

Electrical Supplies.
Avery & Loeb Electric Co The, 114-116 N 3d .....Bell-Main 1385 Ohio State 11167

Fans, Mine Ventilating.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Forgings.
Columbus Forge & Iron Co The, Foot of W First av.....Bell-North 204 Ohio State 2848

Forgings & Special Work.
Columbus Anvil & Forging Co The, 117 W Frankfort.....Bell-Main 722 Ohio State 5411

Glass—Blown & Pressed for Packers & Dealers.
Federal Glass Co The, Parsons & Innis av .....Bell-Main 2365 Ohio State 8025

Inks.
Commercial Paste Co The, 533 S High .....Bell-Main 7222 Ohio State 4937

Junk.
Schlezinger I H, 451 E Main.....Ohio State 8476

Leather Belting.
Alexander Bros Leather Belting (The Ross Willoughby Co), 178 N 3d...Bell-Main 4754 Ohio State 5957

Legal Expert Accountants.
Hofman Frederic B, 280 South High, (Ground Floor) .....Bell-Main 3939 Ohio State 4266

Lithographers
Edwards & Deutsch Lithographing Co (E E Grant, Rep), 2 E Patterson av....Ohio State 11813

Locomotives, Electric Trolley.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Locomotives, Storage Battery.
Jeffrey Mfg Co The, 927 North Fourth....North 2360

Lubricants—Gear & Rope.
Ohio Filler & Shield Co The, 522 City av .....Ohio State 2274

Machine Work.
Schreiner Frank W 427 N Front.....Ohio State 7010

Mechanical Engineers & Machinists.
Jeffrey Mfg Co, 191 E Naghten.....Ohio State 7502

Motor Trucks.
Locar Sales & Service Co The (Capital Motor Car Co), 32 S 4th.....Bell-Main 7401 Ohio State 7088

Multigraph Form Letters.
Thomas Mailing Co The, Chamber of Commerce bldg.....Bell-Main 7811 Ohio State 7816

Multigraphing.
Stoton Circular-Letter & Ptg Co The, 9 W Long .....Bell-Main 6812 Ohio State 17820
Columbus Letter Co The, 8 E Long .....Bell-Main 5575 Ohio State 6902

Obsolete Telephone Equipt. Platinum Scrap Bought.
National Smelting & Refining Co The, 18-50 S Front.....Bell-Main 7039 Ohio State 5043

Oils.
Middle West Refining Co The, Taylor av.....East 5392

Oleomargarine.
Capital City Dairy Co, Foot of West 1st av.....Bell-North 9085 Ohio State 2544

Packing, Rod, Sheet Hydraulic.
Endura Mfg Co (Columbus Mill & Mine Supply Co), (For Oils, Alkalies, & Benzol Products), 75 N Front.....Bell-Main 246 Ohio State 2246

Paper Dealers.
Whitaker Paper Co The, Columbus Arcade bldg .....Main 7202

Paste Mnfrs.
Commercial Paste Co The, 533 S High .....Bell-Main 7222 Ohio State 4937

Paving Contracting.
Columbus Asphalt Paving Co, 8 E Long.....Main 6789

Rails.
Topper Bros, 260 Kimball.....Bell-Main 7728 .....Ohio State 6376

Refrigerators for All Purposes.
McCray Refrigerator Co, 145 N High .....Bell-Main 3771 Ohio State 4204

Scales, Even Balanced.
Smith Scale Co The, 611 N 4th.....Bell-Main 63 .....Ohio State 7459

Scrap Iron.
Topper Bros, 260 Kimball.....Bell-Main 7728 .....Ohio State 6376

Scrap Iron and Metals.
Berman & Reed, Chestnut and Gorman.Bell-Main 5136 .....Ohio State 7763
Finkelstein N, 108-116 W Randolph .....Bell-Main 5552 Ohio State 8071
Topper & Finkelstein, W State & H V R R .....Ohio State 8656

Scrap Iron, Metals & Rags.
Fish L & Co, 630 Parsons av.....Ohio State 19629
Garaway A, 541 Parsons av.....

Scrap Leather—New Cuttings.
Silberstein L Co The, 218-20 West Broad .....Ohio State 7671

Scrap Metal.
Columbus Rubber & Metal Co, 459 S Parsons av .....Bell-Main 7473 Ohio State 7492

Scrapers (Earth).
Kilbourne & Jacobs Mfg Co The, Lincoln and Congress.....Bell-Main 91 Ohio State 8368

Shoes, Women's & Children's
Riley Shoe Mfg Co The, 326 S Front .....Bell-Main 4707 Ohio State 5986

Show Cases & Store Fixtures.
Columbus Show Case Co The, 423 North Grant av .....Ohio State 3088

Sidewalk Lights—Reinforced Concrete.
Grauer Albert & Co Bruner System (B M Freeman, Rep), Columbus Savings Trust bldg.....Bell-Main 5162 Ohio State 9565

Signs—One Piece Metal Drilled-in Letters.
Indestructible Sign Co The, 62 E Prescott .....Ohio State 4501

Skylights—Reinforced Concrete.
Grauer Albert & Co (Grauer System, B M Freeman, Rep), Columbus Savings Trust bldg .....Bell-Main 5162 Ohio State 9565

Stokers—Patent Smokeless.
McGowan R F, 683 Oak.....Ohio State 4617

Surety Bonds.
National Surety Company (A W Gessinger, Mgr), Huntington Bank bldg.....Main 2576

Switches Electric, High Tension Fuse and Disconnecting.
Fisher-Chase Mfg Co The, 118 Parsons av...East 98

Truck and Wagon Loaders.
Jeffrey Mfg Co The, 927 N 4th.....Bell-North 2360

Trucks—Industrial.
Kilbourne & Jacobs Mfg Co The, Lincoln and Congress.....Bell-Main 91 Ohio State 8368

Type Metals.
Ohio Metal Co The, 1131 N 4th.....Bell-North 4559 .....Ohio State 16260

Typewriters—Portable.
Corona Typewriter Company Inc, 71 E State..Main 2725

Water Heaters.
Rolf Heater Mfg Co The, 222 N 4th.....Main 3996

Weather Strips.
Diamond Metal Weather Strip Co, 626 Kerr .....Ohio State 7175

Welders.
Columbus Welding Shop, 783 N 4th...Bell-North 8600 .....Ohio State 5223

Wheelbarrows.
Kilbourne & Jacobs Mfg Co The, Lincoln and Congress.....Bell-Main 91 Ohio State 8368

Wrecking & Salvage.
Topper Bros, 260 Kimball.....Bell-Main 7728 .....Ohio State 6376

CONNEAUT

Leather Mnfrs—Carriage, Auto, Furniture, Glove & Bag.
Conneaut Leather Co The.....Main 1298

Machine Tools.
Burke Machine Tool Co The.....Main 1726

Milling Machines.
Burke Machine Tool Co The.....Main 1726

COSHOCTON

Corrugated Fibreboard Shipping Boxes.
Hunt-Crawford Co, Orchard and 14th..Bell-Main 108 .....Ohio State A-340

CRESTLINE

Grain and Seed Cleaners.
International Mfg Co The, Bauer av...Ohio State 173

Pumps—Electrical Power Sprayers.
Crestline Mfg Co The, Livingston.....Ohio State 204

Stone Spreaders.
Burch Plow Works Co The, South Thoman .....Ohio State 91

DAYTON

Accountants.
Wall, Hardman & Lane, Reibold bldg.....Main 477

Advertising Signs on Muslin, Fibre and Card Board.
Easton Printing & Mfg Co The, 314 E 5th...Main 1989

Architects Supplies.
Dayton Blue Print & Supply Co The, 36-38 S Jefferson.....Bell-Main 358 Ohio State 4858

Artificial Corundum Wheels, Mnfrs.
Dayton Grinding Wheel Co, Summit & Negley pl.....Bell-Fairview 264 Ohio State 2912

Artists Supplies.
Dayton Blue Print & Supply Co The, 36-38 S Jefferson.....Bell-Main 358 Ohio State 4858

Autographic Registers and Roll Printers.
Egry Register Co The, E Monument av.....Bell-Main 355 Ohio State 2355

Automobile Electric Lighting Equipment.
Dayton Electrical Mfg Co The, 4th, U B bldg.....Main 1931

Automobile Headlight Glasses, also Dimmers, Whol.
Dayton Art Glass Works, 400 E 1st.....Main 1778

Automobile Oils.
Indian Refining Co (Havoline Oil), cor Antioch and Dakota.....Bell-Main 4122 Ohio State 6427
See our Catalog Space, page 917

Automobile Wheels, "Wire".
Dayton Wire Wheel Co The, Miami Chapel rd, & Big 4 RR.....Main 255

Automobile Windshield Glasses (Wholesale).
Dayton Art Glass Works (Write for Price List To day), 400 E 1st.....Main 1778

Bags and Burlap—Bought and Sold.
Dayton Bag & Burlap Co The, 429-431 Burns av.....Main 7820

Bags—Burlap & Cotton, Bought & Sold.
Finn Jos P Co, 24-26 Shawnee.....Main 2612

Bakelite Dies.
Siebert Engineering Co The, 131 E 3d.....Main 9184

Belting.
Alexander Bros Leather Belting (The M D Larkin Supply Co), 161 N Main.....Main 4353

Belting, Leather.
Detroit Oak Belting Co (The Patterson Tool & Supply Co) ,123-5 E 3d....Bell-Main 4531 Ohio State 6452

Birds and Pets.
Ideal Pet Shop, 1205 W 3rd.....Main 4634

Blue Prints.
Dayton Blue Print & Supply Co The, 36-38 S Jefferson.....Bell-Main 358 Ohio State 4858

Boilers and Tanks—Mnfrs.
Gem City Boiler Co The, Leo & Dallen.....Bell-East 260 Ohio State 2260

Bookbinders Machinery.
Seybold Machine Co The, Louie & Garst.....Bell-Main 1149 Ohio State 3149

Brass Castings.
Pasteur-Chamberland Filter Co, 408 Ray....East 23

Brass and Copper.
Cleveland Brass & Copper Mills, Inc The, Reibold bldg.....Main 296

Brass Founders & Finishers.
Dennick Wm & Co, 1415-17 East 5th.....Bell-East 1592 Ohio State Central 3592

Brass, Sheet, Rod, Tubing and Scrap.
Cleveland Brass & Copper Mills Inc The, Reibold bldg.....Main 296

Brass Valves and Iron Valves.
Buckeye Iron & Brass Works, 324 E 3d.....Bell-Main 257 Ohio State 2257

Builders of Special Tools.
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

Cast Iron Fittings for Wrought Iron Pipe, Mfgrs.
Kuhns Bros, Eaton av.....Main 682

Castings—Brass, Bronze and Aluminum.
Miami Brass Foundry Co, McDonough and Bacon.....East 1823

Castings—Gray Iron.
Dayton Castings Co The, Chapel and Kiser.....Bell-East 911 Ohio State 6772

Chemicals, Industrial.
Shannon Edward J Co The, Reibold bldg....Main 296

Chewing Gum.
BeeBee Confection Co The, 33 Edgar.....East 2230

Coal Operators and Shippers.
Rice W P Mining Co The, Mutual Home & Savings bldg.....Bell-Main 300 Ohio State 4155

Coal, Wholesale.
Best Coal Co, Reibold bldg.....Main 2411
Jackson & West Virginia Fuel Co The, U B bldg.....Main 4339

Collecting Agencies.
Federal Mercantile Agency, Reibold bldg.....Bell-Main 4190 Ohio State 4190

Condensite Products.
Siebert Engineering Co The, 131 E 3d.....Main 9184

Confectioners, Manufacturing.
Ball C S, 18-20 S St Clair.....Bell-Main 6045 Ohio State 3128
Deardorff Chas B, Fourth st, U B bldg....Main 8557

Contract Mnfrs. of Tools & Machine Tool Builders.
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

Copper—In Rolls and Sheets.
Cleveland Brass & Copper Mills Inc The, Reibold bldg.....Main 296

Designers—Tools and Special Machinery.
Federal Tool & Machine Co The, 429 E 3d...Main 1370

Detective Agencies.
Industrial Protective Association, Lindsey bldg.....Main 7285

Die Presses—Mnfrs.
Seybold Machine Co The, Louie & Garst.....Bell-Main 1149 Ohio State 3149

Dies, Jigs and Fixtures.
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

Dies, Jigs, Tools & Fixtures.
Industrial Tool, Die & Engineering Co The, 322 rear E 5th.....Main 1664
See our Catalog Space, page 1017

Dies, Jigs, Tools, Models, etc.
Dayton Reliance Tool & Mfg Co The, 818 E Monument av.....East 813

Dies Jigs—Tools & Special Machinery.
City Engineering Co The, Beaver Power bldg, 4th & St Clair.....Bell-Main 6231 Ohio State 5390
Federal Tools & Machine Co The, 429 E 3d...Main 1370
Niami Tool & Die Co The, Huffman and St Paul avs.....East 224

Dies & Tools.
Central Tool & Die Co The, 8-10 N Canal...Main 9429

Dies—Tools, Fixtures & Bakelite Dies.
Weinman C J Co The, 310 E 2d.....Bell-Main 9894 Ohio State 2990

Drafting Supplies.
Dayton Blue Print & Supply Co The, 36-38 S Jefferson.....Bell-Main 358 Ohio State 4858

Draftsmen and Equipment Engineers.
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

Elastic Wheels, Mnfrs.
Dayton Grinding Wheel Co, Summit & Negley pl.....Bell-Fairview 264 Ohio State 2912

Electric Motor Repairing.
Ehler C H Electrical Co, U B bldg.....Main 4317

Electrical Supplies, Jobbers, Contractors & Retailers.
Hall Wm Electric Co The, 115-17 E 3d.....Bell-Main 1601 Ohio State 3174

Embossing Presses—Mnfrs.
Seybold Machine Co The, Louie & Garst.....Bell-Main 1149 Ohio State 3149

Emery Wheels.
Dayton Grinding Wheel Co, Summit & Negley pl.....Bell-Fairview 264 Ohio State 2912

Engineers.
Smith Frank Hill Inc, Reibold bldg.....Main 5354

Engineers—Consulting.
Allen K B, U B bldg.....Main 7010

Engineers—Consulting & Flood Prevention.
Morgan Engineering Co, City National Bank bldg.....Main 129

Engineers—Consulting & Mechanical.
Ault Frank (Designer of Special and Automatic Machine), U B bldg.....Main 9231

Engineers—Mechanical and Machine Designers.
Dayton Stamping & Tool Co The, 348-352 Xenia av.....East 234

Engineers Supplies.
Dayton Blue Print & Supply Co The, 36-38 S Jefferson.....Bell-Main 358 Ohio State 4858

Extracts, Flavoring.
Royal Remedy & Extract Co, The "Souders Extracts," 436-438 S Wayne av.....East 185

Feed Water Heaters & Purifiers.
Moffat Feed Water Heater & Purifier Co, Bell-East 140
716-22 E Monument av.....Ohio State 2178

Fire Extinguishers.
Fyr-Fyter Co The (Roscoe C Iddings, Gen Mgr), 32 S Jefferson.....Bell-Main 6100 Ohio State 6100

Fly Bars, Bed Plates & Knives for Paper Mills Mnfrs
Simonds A A & Son Co The, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

Folding Boxes & Paper Pails.
Kinnard Manufacturing Co The, Clinton and Bacon .....East 1011

Foundries—Gray Iron & Semi-Steel.
Advance Foundry Co The, Harshman.....East 2558

Friction Clutch Pulleys.
Edgemont Machine Co The, National and Neibert ..... Main 3797

Friction Clutches.
Edgemont Machine Co The, National and Neibert ..... Main 3797

Gages—Snaps, Plug, Limit and Thread.
Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

Gear Hobbing Machines.
Barber-Colman Company, Lindsey bldg.....Main 6070

Ginger Ale.
Ritzler Charles E Co, 1601-7 Chapel.....East 1179

Ginger Ale Extracts.
Ritzler Charles E Co, 1601-7 Chapel.....East 1179

Glass Beveling—(Difficult Pieces a Specialty).
Dayton Art Glass Works, 400 E 1st.....Main 1778

Glass—Cylindric, Magnifiers.
Dayton Art Glass Works, 400 E 1st.....Main 1778

Green House Builders.
Callahan Duo-Glazer Sash Co, 4th and Wyandot .....Bell-Main 2675 Ohio State 2328

Grinding Wheels.
Dayton Grinding Wheel Co, Summit & Negley pl .....Bell-Fairview 264 Ohio State 2912

Head Gate Hoists.
Dayton Beater & Hoist Co, 26 North Canal..Main 4172

High Speed Steel Knives—Mnfrs.
Simonds A A & Son Co The, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

Hobs—Gear and Worm Wheels.
Barber-Colman Company, Lindsey bldg.....Main 6070

Hotels.
Golden Hotel Co, 5th and Wilkinson.....Main 8800

Hydraulic Molding Presses.
Hubert Engineering Co The, 131 E 3d.....Main 9184

Jigs and Special Fixtures.
Industrial Tool Die & Engineering Co The, 322 rear E 5th.....Main 1664
See our Catalog Space, page 1017

Junk.
Jacob Sol Co, 650 S Main.....Bell-Main 2090
South Main .....Ohio State 3783

Kettles—Manufacturers, Japan Kettles & Trucks.
Buckeye Boiler Co The, 1617 McLain.....East 626

Knife Grinding Machines—Mnfrs.
Seybold Machine Co The, Louie & Garst .....Bell-Main 1149 Ohio State 3149

Landscape Designing & Gardening.
Poeppelmeier & Mick, Watervliet & King avs .....East 2707

Lawn Sprinkler Mfrs.
Dayton Irrigation Co, 823 E Richard.....East 2249

Leaf Tobacco—Brokers.
Stern M E & Co, 208 S Ludlow.....Main 5764

Leather Belting.
Alexander Bros Leather Belting (M D Larkin Supply Co The) 116 N Main.....Main 4353

Lens—Magnifiers for Scales Etc.
Dayton Art Glass Works, 400 E 1st.....Main 1778

Lighting Fixtures for all Purposes.
Brascolite (The William Hall Electric Co, Distributors), 115-117 E 3d..Bell-Main 1601 Ohio State 3174
See our Catalog Space, page 968

Lumber.
Gebhart-Wuichet Lumber Co The, Wayne av, Shawnee and Wyandot...Bell-Main 2675 Ohio State 2328

Machinery—(Special and Experimental).
Industrial Tool, Die & Engineering Co The, 322 rear E 5th.....Main 1664
See our Catalog Space, page 1017

Machinery and Tool Manufacturers.
Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

Machinists & Manufacturers of Special Machinery.
Saunders James Co The, 24-26 N Canal....Main 3778

Mechanical Engineers of Special Tools & Machry.
Dayton Stamping & Tool Co The, 348-352 Xenia av .....East 234

Metal Spinners.
Pasteur-Chamberland Filter Co, 408 Ray....East 23

Mill Supplies.
Larkin M D Supply Co The, 116 N Main.....Main 4353

Milling Cutters.
Barber-Colman Company, Lindsey bldg.....Main 6070

Models—Patents Perfected.
Industrial Tool, Die & Engineering Co The, 322 rear E 5th.....Main 1664
See our Catalog Space, page 1017

Motor Trucks.
Autocar Sales & Service Co The (Ohio Mitchell Sales Co), 1st and St Clair.Bell-Main 7452 Ohio State 5650

Name Plates—Embossed, Plated & Enamel Finish.
Stanley Manufacturing Co The, 46 Cannon..Main 3094

Oil Mill Machinery.
Buckeye Iron & Brass Works, 824 E 3d .....Bell-Main 257 Ohio State 2257

Packing House Machinery—Rendering Tanks.
Dayton Beater & Hoist Co, 26 North Canal..Main 4172

Paints, Varnish and Enamel Mfrs.
Kay & Ess Co The, Leo and Kreer.....East 2081

Paints, Varnishes, Stains, Enamels.
Lowe Brothers Co The, 150-52 E 3d.. .....Bell-Main 33 Ohio State 6420

Paper (Dealers).
Chatfield & Woods Co The (George R Scallan), Davis bldg.....Main 1275
Whitaker Paper Co The, Reibold bldg.....Main 8731

Paper (for Printers and Publishers).
Mead G H Co The, City National Bank bldg ..... Main 2383

Paper Boxes, Folding.
Dayton Paper Novelty Co The, 1126 E 3d .....Bell-East 494 Ohio State 5494
Gebhart Folding Box Co The, Callahan Power bldg .....Main 9642

Paper Cutting Machines—Mnfrs.
Seybold Machine Co The, Lorie and Garst .....Bell-Main 1149 Ohio State 3149

Paper Making Machinery—Beating Engines.
Dayton Beater & Hoist Co, 26 North Canal...Main 4172

Paper Trimming Knives—Mnfrs.
Simonds A A & Son Co The, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

Platers and Enamelers.
Dayton Plating & Mfg Co The, 28 S St Clair .....Main 752

Pneumatic Tools.
Dayton Pneumatic Tool Co The, Hartford and Big 4 R R.....Main 4565

Portable Buildings.
National Lumber Mfg Co, 4th and Wyandot .....Bell-Main 2675 Ohio State 2328

Printers.
Reynolds & Reynolds Co The Washington and R R.....Bell-Main 335 Ohio State 4234

Public Stenographers, Multigraphing & Addressing.
Ohio Letter Co, Lindsey bldg.....Main 3497

Pumps—Power Compressors, All Purposes.
Lucas Miner Pump Co, 427 Valley.....East 47

Pure Herb Remedies
Parker Geo H, 324 East 5th.....Main 507

Screw Machine Products.
Dayton Screw Co The, Second & Webb.....East 80
Ohio Metal Products Co The, 35-39 Edgar...East 2129

Shear Blades—Mnfrs.
Simonds A A & Son Co The, Summit and Negley pl.....Bell-Fairview 264 Ohio State 2912

Sidewalk Lights—Reinforced Concrete.
Grauer Albert & Co (Bruner System, John A Pool Co, Rep), Schwind bldg....Main 622

Silicon Carbide Wheels, Mnfrs.
Dayton Grinding Wheel Co, Summit & Negley pl.....Bell-Fairview 264 Ohio State 2912

Skylights—Reinforced Concrete.
Grauer Albert & Co (Grauer System, John A Pool Co, Rep), Schwind bldg.... Main 622

DAYTON—continued

Spark Plugs.
Siebert Engineering Co The, 131 East Third. Main 9184

Spark Plugs & Automobile Accessories—Mnfrs.
Quartz Spark Plug Co The, 1004 West 3d ..... Bell-Main 8415 Ohio State 4481

Stampings.
Pasteur-Chamberland Filter Co, 408 Ray.... East 23

Steel Castings (Electric and Converter Steel Castings).
Dayton Steel Foundry Co The, S Broadway.. Main 2076

Steel Heat Treating.
Dayton Steel Heat Treating Co The, rear 318 E 2nd ..... Main 8761

Stokers—Model Automatic.
Automatic Furnace Co The, 1st & Harshman ..... East 1348

Storage (Merchandise).
Union Storage Co, 101 Bainbridge..... Main 1266

Store Fixtures—Manufacturers.
Onli-Wa Fixture Co, 125 Mill ..... Main 8556

Swing Mnfrs, Porch Furniture & Child's Swings.
Dayton Swing Co, Lakeview & Manning..... Main 1907

Tablets.
Reynolds & Reynolds Co The, Washington and R R..... Bell-Main 335 Ohio State 4234

Tanks, Manufacturers, Oil, Wagon, Oil Storage, Etc.
Buckeye Boiler Co The, 1617 McLain..... East 626

Tanks, Mnfrs., Steel for all Purposes, Riveted, Welded.
Buckeye Boiler Co The, 1617 McLain..... East 626

Tanks, Mnfrs., Steel Storage, Gasoline & Pneumatic.
Buckeye Boiler Co The, 1617 McLain..... East 626

Tanks, Smoke Stacks, Etc.
Buckeye Boiler Co The, 1617 McLain..... East 626

Timber Dealers.
Gebhart-Wuichet Lumber Co The, Wayne av, Shawnee & Wyandot.... Bell-Main 2675 Ohio State 2328

Tire Protectors—Pneumatic.
Coffield Tire Protector Co The..... Bell-Main 7341
Reibold bldg ..... Ohio State 2734

Tobacco Cutting Machinery.
Buckeye Iron & Brass Works, 324 E 3d ..... Bell-Main 257 Ohio State 2257

Tool Chests for Machinists, Tool Makers, etc.
Gerstner H & Sons, 505 Columbia ..... Bell-Main 9917 Ohio State 2056

Tools.
W B W Tool Co The, Y M C A bldg..... Main 2758

Tools and Die Makers.
Industrial Tool Die & Engineering Co The, rear 322 East Fifth..... Main 1664
See our Catalog Space, page 1017

Tools, Dies, Jigs & Fixtures.
Siebert Engineering Co The, 131 East Third. Main 9184

Tools—Dies—Jigs—Fixtures & Gauges.
City Engineering Co The, Beaver Power bldg, 4th & St Clair..... Bell-Main 6231 Ohio State 5390
Dayton Stamping & Tool Co The, 348-352 Xenia av..... East 234

Tools, Dies, Jigs, Fixtures and Special Machinery.
Vulcan Tool Co The, 418 East First..... Main 8833

Tools—Small, Taps, Dies, Reamers, Counter Bores.
Dayton Stamping & Tool Co The, 348-352 Xenia av..... East 234

Tree Surgery.
Poeppelmeier & Mick, Watervlied & King avs. East 2707

Washing Machines (Water Motor).
Dayton Water Motor Co, 408 Ray..... East 23

Water Filters
Pasteur-Chamberland Filter Co, 408 Ray.... East 23

Weather Strips.
Monarch Metal Weather Strip Co The (G W McFarland, Distributor), 631 S Summit.... Main 6264
See our Catalog Space, page 1023

Well Contractors—Pumps & Cisterns.
Boone's Daniel Son, 312 S Wayne av..... Main 2087

Wheels—Steel Truck.
Dayton Steel Foundry Co The, "The Dayton," S Broadway..... Main 2076

Woodwork.
Gebhart-Wuichet Lumber Co The Wayne av, Shawnee & Wyandot.... Bell-Main 2675 Ohio State 2328

Woodworking Machine Knives, Mnfrs.
Simonds A A & Son Co The, Summit and Negley pl..... Bell-Fairview 264 Ohio State 2912

DEFIANCE

Screw Machine Products.
Defiance Manufacturing Co The..... Defiance 250

DELAWARE

Silo Manufacturers (All Kinds).
Perfect Reinforced Cement Silo Co The, West Park av and H V R R..... Citizens 393

EAST LIVERPOOL

Commercial Photographers.
Eardley Fred E, 108 E Sixth..... East Liverpool 450

Crayon Metal Workers.
National Products Co ..... East Liverpool 540

Paints.
National Products Co ..... East Liverpool 540

EAST PALESTINE

Tires and Tubes, Manufacturers.
East Palestine Rubber Co The ..... Bell-East Palestine 60 Ohio State 174
National Tire & Rubber Co The ..... Bell-East Palestine 58 Ohio State 153

EAST TOLEDO

Castings—Malleable, Small & Medium.
United States Malleable Iron Co The, Woodville & B T RR..... Bell-Navarre 150 Ohio State-River 150

EUCLID

Cranes.
Euclid Crane & Hoist Co The ..... Bell-Nottingham 51 Ohio State-Wood 637-R

Hoists.
Euclid Crane & Hoist Co The ..... Bell-Nottingham 51 Ohio State-Wood 637-R

FINDLAY

Electric Porcelain.
Findlay Electric Porcelain Co The, E Bell av ..... Bell-Main 40 Ohio State 29

Oil Well Supplies.
Ohio Pipe Company, Blanchard ..... Bell-Main 568 Ohio State 568

Pipe, New and Second Hand.
Ohio Pipe Company, Blanchard ..... Bell-Main 568 Ohio State 568

FOSTORIA

Governors.
S-C Regulator Manufacturing Co The, cor Perry and High..... Main 69

Machinists—Contractors.
Bradley Machine Co, rear Interurban Station ..... Main 698

Overalls.
Corey Mfg Co The, Main and Tiffin..... Main 233

Pipe and Fittings (New and Second Hand).
Twining F L, Main and B & O R R..... Main 65

Pipe, New and Second Hand.
Strouse Pipe & Machine Co, 473 East North. Main 240

Regulators—Feed Water.
S-C Regulator Manufacturing Co The, cor Perry and High..... Main 69

Scrap Iron and Metals.
Solomon Junk Co, 566 Poplar..... Main 1752

FREMONT

Stoves, Ranges and Base Burners—Manufacturers.
Fremont Stove Co The, Bidwell av ..... Bell-Fremont 15 Ohio State 95

GALION

Telephone Switchboards, (Farm, Town and City).
North Electric Co The, South Market ..... Bell-Main 26 Ohio State 38

GENEVA

Wheels—Steel for Portable Outfits of all kinds.
Geneva Metal Wheel Co The, Peoples..... Main 10

GIRARD

Leather Manufacturers, Upper Shoe Leather.
Ohio Leather Co The, State St.....Girard 182

GREENVILLE

Hardwood Lumber—All Kinds—Manufacturers.
Hathaway & Wilson, Front & Anderson avGreenville 903

Incubators, Brooders and Exhibition Coops.
Hem Products Co, Front and Riffle av..Greenville 954

HAMILTON

Acetylene Generators.
Hamilton Welding & Mfg Co, Bell-Hamilton 600-X
Chestnut and B & O RR.....Ohio State 1353-X
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Autographic Registers & Roll Printed Stationery.
Hamilton Autographic Register Bell-Hamilton 272-X
Co .....Ohio State 272-X
& B Register Company Bell-Hamilton 272-R
.....Ohio State 272-A
Krauth & Benninghofen Bell-Hamilton 272-R
.....Ohio State 272-A

Brass Castings, Bronze and Aluminum Castings.
Kehler Foundry Co, 750 East av ....Hamilton 1049-L

Brushes—Flax Swabs, Mnfrs.
Kochmann John & Co, 1125 Grand boul.Hamilton 1753-R

Casters—Double Wheel & Single Wheel.
Hamilton Caster & Mfg Co The,
Hanover .....Hamilton 2035

Collecting Agencies.
Ohio Mercantile Collection Agency
152 High .....Hamilton 551-Y

Cotton Batt Mfgrs.—for Mattresses & All Purposes.
Hamilton Mattress Co The, 6th Bell-Hamilton 40
& Rigdon .....Ohio State 650-B

Dead Stock Fertilizer.
Ami Fertilizer Co, 580 South 2d Bell-Hamilton 72
.....Ohio State 72

Dies, Jigs, Tools, Models Etc.
Fichter Manufacturing Co, Bell-Hamilton 419-L
129 North B .....Ohio State 1027-A

Engines—Corliss.
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Hanson Clutch & Machine Co, 79 Jefferson ..... Tiffin 1177-W

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Schaffer Engineering & Equipment Co The ... Tiffin 62

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Rosenblatt A, 114 W Market ..... Tiffin 181-W

TOLEDO

Accountants.
Neff C E & Co (C E Neff C PA) 644 Boalt ..... Broadway 884

Acetylene (Dissolved).
Auto Acetylene Light Co The, 19 South St Clair ..... Bell-Main 2781 Ohio State-A 3253

Addressing, Companies.
Eoff-Weis Co The, Ohio bldg ... Ohio State-Main 350

Addressing Machines.
Addressograph Co (J F Kennedy, Dist Mgr), Spitzer Arcade ..... Bell-Main 2775 Ohio State-Main 4950
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Architects.
Huber Thomas F, Spitzer bldg ... Ohio State-Main 922

Architects—Engrs. Warehouse. Factory. Power Plant.
Havlicek Roman, Gardner bldg ..... Ohio State-A-7069

Architectural & Ornamental Iron & Wire Works.
Art Iron & Wire Works, 2113 Canton ..... Bell-Main 3670 Ohio State-Main 3670

Auditors.
Neff C E & Co, (C E Neff C. P. A.) 644 Boalt ..... Broadway 884

Autographic Registers and Roll Printers.
Egry Register Co The (L E Anderson, Sales Agt), 34 N St Clair ... Ohio State-Main 6307

Automobile Radiators, Hoods, Tanks, Fenders.
Ohio Auto Radiator & Sheet Metal Works, 116 North Erie ..... Ohio State-Main 7448

Automobile Radiators Manufactured & Repaired.
Lober Art Brass & Specialty Co, 128, 11th ..... Ohio State-A-3915

Automobiles—Automobile Parts, New & Second Hand.
Toledo Auto Parts Co, 1310-1312 Cherry ..... Ohio State-Main 3078

Bags (Mnfrs.)
Milwaukee Bag Co, Nicholas bldg ..... Bell-Main 57 Ohio State-Main 6782

Bags & Burlap Bought and Sold.
Holtzman Bag Co, 2053 Canton .. Ohio State-Main 6464

Barrels & Boxes, New & Second Hand.
Martin Bros Co The, 39 Blucher ..... Bell-Forest 63 Ohio State-Main 6269

Bathtub Mop Mnfrs.
Bathtub Mop Mfg Co The, 38 Ottawa ..... Main 6430

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Perolin Co of America The, Meridith bldg ..... Bell-Main 4286 Ohio State-Main 1813

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National Bottle Cap Co The, Second National Bank ..... Main 8380

Bottles, Bags & Barrels.
Lucas County Bottle & Barrel Co, 513-527 State ..... Ohio State-Main 6846

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Parrish Cigar Box Co, 400 Belmont av cor Division ..... Ohio State-B 5593

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Toledo Cap Mnfg Co, 404 Jackson av ..... Ohio State-Main 5638

Castings, Malleable—Small & Medium.
Maumee Malleable Castings Co The, Woodville and W & L E R R. Bell-Navarre 2878, Ohio State-River 444

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Toledo Steel Casting Co The, W Bancroft,, Smead &/N Y C R R ..... Bell-Forest 2643, Ohio State-Park 2643

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Schwab Machinery Co, 1008 Monroe ..... Ohio State-Main 4331

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Electric Power Maintenance Co, 1101 Monroe cor 11th ..... Bell-Main 5456, Ohio State-Main 5330

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Toledo Specialty Co, 124 North Erie ..... Ohio State-Main 4773

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Kasle Abe & Co, 1101-1103 Elm.. Ohio State-Main 4535

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Goldstein D & Son, 524-26 E Woodruff av ..... Ohio State-Main 5611

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Toledo Janitors Supply Co, Berlin Block, 404 Jackson..... Bell-Main 1879, Ohio State-Main 1497

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Motorcycles, Excelsior Distributors, Parts & Suppls.
Miller Motor Co, 4-6 South St Clair..... Main 4852

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Arrow Mfg Co, 618-22 Bway.... Ohio State-Main 3600

Multigraph Form Letters.
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Newspapers & Magazines—Wholesale Distributors.
O'Donnell J New Agency, 337 North Erie ..... Bell-Main 1314, Ohio State 2544

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Fiske Bros Refining Co, 215 Pontiac ..... Bell-Main 6358, Ohio State-Main 1265

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Toledo Seed & Oil Co The, Hanson & Industrial ..... Bell-Navarre 520, Ohio State-River 520

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Paper Bag Mnfrs. For Lime, Cement, Plaster, Etc.
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West End Pattern Wks, 1214 Oakwood av ..... Ohio State-Prospect 698

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Maumee Malleable Castings Co The, Woodville and W & L E R R Bell-Navarre 2878, Ohio State-River 444

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Ohio Sanitary Wipers Co, 2251-71 Smead av ..... Bell-Forest 445, Ohio State-Park 976

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Toledo Saw & Supply Co The, 1-3-5-7-9 South St Clair ..... Bell-Main 1620, Ohio State-Main 1620

Scrap Iron & Metals.
Kaplan J & Son, 2021 Canton.... Ohio State-Main 5171

Scrap Iron—Metals—Graders of Rags & Paper Stock.
Shuer-Wiener I & S Co, 1125-37 Champlain ..... Bell-Main 5564, Ohio State-Main 3435

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nting Manufacturing Co The, 114 Superior ..... Bell-Main 2238 Ohio State-Main 2238

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ie Tool Co, 500-02 South St Clair ..... Ohio State-Main 4742

Trucks, Elevating.
is-Shepard Company (L C Whitcomb, Agt), 471 Spitzer bldg. Bell-Main 8480 Ohio State-Main 5060

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n Water Meter Co (A S Otis), 240 B, Erie ..... Ohio State-Main 2841

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onal Supply Co The (Leader ron Wks), 1-9 St Clair ..... Bell-Main 1932 Ohio State-Main 7373

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ira Metal Weather Strip Co (H D Hart), Nicholas bldg ..... Ohio State-Main 6360

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m Mfg Co The, 605 Miami ..... Bell-Urbana 158 Ohio State 4353

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Heltzel Steel Form & Iron Co The, Thomas Road ..... Warren 2247

Crow Bars & Wedges.
Warren Tool & Forge Co The, P.O. Box 410 Warren 1162

Fan Motor Manufacturers, (Electric).
Peerless Electric Co The, 740 West Market. Warren 2377

Forgings—Small.
Warren Tool & Forge Co The, PO Box 410. Warren 1162

Formed Products, Galvanized & Painted.
Trumbull Steel Co The, South Pine ..... Warren 1927

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Heltzel Steel Form & Iron Co The, Thomas rd ..... Warren 2247

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Taylor Halsey W Co, Dana av ..... Warren 2261

Lamps, Carbon, Incandescent.
Sunlight Electrical Manufacturing Co, 523 Dana av ..... Warren 2275

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Open Hearth Ingots, Blooms, Billets, Slabs, Sheet Bars.
Trumbull Steel Co The, South Pine ..... Warren 1927

Picks, Mattocks & Grub Hoes.
Warren Tool & Forge Co The, PO Box 410. Warren 1162

Scrap Iron Steel & Metals.
Warren Metal Co The, Hippodrome bldg ... Warren 2157

Sheet Steel—Black & Galvanized.
Trumbull Steel Co The, South Pine ..... Warren 1927

Sheet Steel & Plate Construction Spcl.—All Grades.
Heltzel Steel Form & Iron Co The, Thomas Road ..... Warren 2247

Sledges & Hammers.
Warren Tool & Forge Co The, PO Box 410. Warren 1162

Steel Roofing—Ceiling & Barrels & Stove Pipe.
Ohio Corrugating Co The, South Pine ... Warren 2175

Strip Steel—Hot & Cold Rolled.
Trumbull Steel Co The, South Pine ..... Warren 1927

Tanks—Steel—Oil—Water & Storage.
Heltzel Steel Form & Iron Co The, Thomas rd ..... Warren 2247

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Trumbull Steel Co The, South Pine ..... Warren 1927

Tin Plate Manufacturers.
Liberty Steel Co The ..... Warren 2106

Unloaders—Car, Unloading Sand, Gravel, Bulk Material.
Heltzel Steel Form & Iron Co The, Thomas rd ..... Warren 2247

Vises & Anvil Tool Manufacturers, Blacksmiths.
Warren Tool & Forge Co The, PO Box 410 Warren 1162

Welding Apparatus (Electric) for Spot & Butt Work.
Federal Machine & Welder Co The, Dana av. Warren 2251

Zinc—Producers of Spelter & Sheets.
American Zinc Products Co, Western Reserve bldg ..... Warren 2340

WASHINGTON COURT HOUSE

Bags—Burlap, Cotton and Paper.
Millers & Manufacturers Service Co, South Main st ..... Bell-Main 335-R Ohio State 5122

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WELLSVILLE

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General Fireproofing Co The, East Dennick ..... Bell-Main 1256 Ohio State 2250

Asphalt Filler Manufacturers.
Bessemer Limestone Co, Stambaugh bldg ..... Bell-Main 4131 Ohio State 4131

Bottles—New & Second Hand & Bottle Supplies.
Youngtown Bottle Exchange Co The, 115 Covington ..... Bell-Main 4340 Ohio State 6510

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Desks.
General Fireproofing Co The, (All-steel), East Dennick ..... Bell-Main 1250 Ohio State 2250

Electrical Machinery (New and Second Hand).
Miller Smythe Electric Co, 1636 Wilson av ..... Bell-Main 4022 Ohio State 3159

Filing Cabinets—Allsteel.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Fireproof Building Materials.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

GF Allsteel Office Furniture.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Herringbone Rigid Metal Lath.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Letter Files—Steel.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Metal Lath—Expanded.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Office Furniture—Steel.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Pattern Makers and Manufacturers.
American Pattern Mfg Co The, 2200 Wilson av ..... Bell-Main 1029 Ohio State 74235

Patterns—Wood Makers & Manufacturers.
Youngstown Pattern Co, Oak & Andrews av ..... Main 1288

Safes—Office Underwriters Approved.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Sand Silica—Steel Molding & Sand Blast.
Portage Silica Co The, Stambaugh bldg ..... Bell-Main 684 Ohio State 5226

Scrap Iron—Metals—Rubber & Second Hand Materials.
Youngstown Iron & Metal Co, 26 North Watt ..... Bell-Main 1642 Ohio State 76348

Scrap Iron—Steel—Metal & Waste.
Wilkoff Co The, 1609 Wilson av ..... Bell-Main 3500 Ohio State 3252

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Carnick Bros, 113 Oak Hill av ..... Bell-Federal 1005 Ohio State 75222

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FitzSimons Co The, 1623 Wilson av ..... Bell-Main 476 Ohio State 3115

Steel Office Furniture.
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Systems—Filing—Correspondence & Card.
General Fireproofing Co The, East Dennick ..... Bell-Main 1250 Ohio State 2250

Trunk & Suit Case Manufacturers.
Youngstown Trunk Manufacturing Co, 66 South Prospect ..... Ohio State 3221

Typewriters—Portable.
Corona Typewriter Company Inc, 41 W Phelps. Main 7566

ZANESVILLE

Agricultural Implements.
Brown Manufacturing Co, 802 North 7th ..... Bell-Main 14 Ohio State 2114

OKLAHOMA

OKLAHOMA

Land area	69,414
Water area	643
Population (Estimated)	2,245,968
White	1,444,531
Negro	137,612
All others	75,012
Foreign-born white (U. S. Census 1910)	40,084
Native white	1,404,447
Male	746,100
Female	658,347

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3 Woodward ..... B 2
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MUSKOGEE

Accountants.
Baker, Vawter & Wolf, Security bldg .... Muskogee 888

Auditors.
Baker, Vawter & Wolf, Security bldg .... Muskogee 888

Banks.
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Detective Agencies.
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Oils, Gas.
Muskogee Refining Co, Cherokee and Madison ..... Muskogee 4293

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Muskogee Refining Co, Cherokee and Madison ..... Muskogee 4293

Tents, Awnings and Tarpaulins.
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OKLAHOMA CITY

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Adding Machines.
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Auditors.
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Broom Mfgrs.
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OKLAHOMA
SCALE
Statute Miles, 33 = 1 Inch.
WESTERN PORTION OF OKLAHOMA.
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HARPER
WOODS
WOODWARD
ALFALFA
GRANT
KAY
NOBLE
PAWNEE
OSAGE
NOWATA
CRAIG
OTTAWA
MCDONALD
ROGERS
MAYES
DELAWARE
BENTON
ROGER MILLS
CUSTER
DEWEY
BLAINE
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OKMULGEE
OKFUSKEE
MCINTOSH
BECKHAM
WASHITA
CADDO
GRADY
SEMINOLE
HASKELL
PITTSBURG
GREER
KIOWA
HARMON
JACKSON
COMANCHE
GARVIN
PONTOTOC
COAL
LATIMER
LE FLORE
TILLMAN
STEPHENS
MURRAY
PUSHMATAHA
COTTON
CARTER
JOHNSTON
ATOKA
MCCURTAIN
JEFFERSON
MARSHALL
CHOCTAW
BRYAN
LOVE
MONTAGUE
GRAYSON
FANNIN
LAMAR
RED RIVER
CLAY
BEAVER
CIMARRON
TEXAS
COLORADO
KANSAS
N. MEXICO
ARKANSAS
MISSOURI
Buffalo
Woodward
Arnett
Cheyenne
Arapaho
El Reno
Kingfisher
Guthrie
Stillwater
Pawhuska
Bartlesville
Nowata
Vinita
Claremore
Tulsa
Sapulpa
Okmulgee
Muskogee
Wagoner
Tahlequah
Stilwell
Sallisaw
McAlester
Eufaula
Wewoka
Holdenville
Ada
Purcell
Anadarko
Chickasha
Lawton
Duncan
Frederick
Hobart
Cordell
Altus
Mangum
Durant
Atoka
Antlers
Idabel
Hugo
Paris
Sherman
Gainesville
Ardmore
Tishomingo
Madill
Pauls Valley
Shawnee
Norman
Guthrie
Kingfisher
Enid
Ponca City
Newkirk
Miami
Claremore
Muskogee

OKLAHOMA CITY —continued

Distributors & Haulers of Carload Shipments.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Electric Lighting Fixtures for all Purposes.
Brascolite (Nunn Electric Co, Distributors), 215 W 1st ..... Walnut 1878
See our Catalog Space, page 968

Engravers, Copper and Steel Plate.
Neyland Engraving Co (All Kinds of Steel Die Embossing and Plate Printing) 220 N Robinson ..... Walnut 788

Hauling & Handling of Safes & Heavy Machinery.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Hydrogen.
Burdett Oxygen Co, 406 N Hudson ..... Maple 763

Lighting Fixtures Electric for all Purposes.
Brascolite (Nunn Electric Co, Distributors), 215 W 1st ..... Walnut 1878
See our Catalog Space, page 968

Movers, Packers, Shippers & Storage of Household Goods.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Oxy-Acetylene Apparatus.
Burdett Oxygen Co, 406 N Hudson ..... Maple 763

Oxy-Hydrogen Apparatus.
Burdett Oxygen Co, 406 N Hudson ..... Maple 763

Oxygen.
Burdett Oxygen Co, 406 N Hudson ..... Maple 763

Oxygen & Hudrogen Generating Plants.
Burdett Oxygen Co, 406 N Hudson ..... Maple 763

Packers, Shippers, Movers & Storage of Household Goods.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Shipping, Packing, Moving & Storage of Household Goods.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Storage, Shipping, Packing & Moving of Household Goods.
O-K Transfer & Storage Co, First and Hudson ..... P B X 83
See our Catalog Space, page 1011

Weather Strips.
Monarch Metal Weather Strip Co The, 227 West First ..... Maple 253
See our Catalog Space, page 1023

Welding Apparatus.
Burdett Oxygen Co, 406 N Hudson ..... Main 763

Wire Manufacturers.
American Steel & Wire Co, State National Bank bldg ..... Maple 582

TULSA

Adding Machines.
Monroe Calculating Machine Company, 508 S Main ..... Osage 6610
See our Catalog Space, page 905

Banks.
Central National Bank of Tulsa (The) (Collections Handled by an Official), Second & Boston ..... Osage 8200
Citizens State Bank, Third & Boston ..... Osage 7540
Union National Bank Co The, Boston & Fourth ..... Osage 5516

Calculating Machines.
Monroe Calculating Machine Company, 508 S Main ..... Osage 6610
See our Catalog Space, page 905

Chimney Builders Radial Brick and Concrete.
Rust Engineering Co The, 211 S Boston ... Osage 7697

Decorators (for Conventions, Banquets, etc.)
National Tent & Awning Co, 111 N Main .. Osage 780

Detective Agencies.
Bays Detective Agency, Bleeker bldg ..... Tulsa 2977
Egan Detective Agency, New Ault bldg. Tulsa 2244-3478
Kirk & Gustafson Detective Agency The, P O Box 1853 ..... Osage 2227

Electrical Contractors.
Electric Supply Co, 21 East 4th st ..... Osage 606

Electrical Fixtures.
Reflectolyte Company The (Electric Supply, Co, Distributors) 21 East 4th st ..... Osage 606
See our Catalog Space, page 969

Engineers, Consulting, Petroleum & Natural Gas.
Peterson Frank P & Co, 604 E 3d ..... Osage 6019

Engineers—Gasoline Extraction Plants.
Hope Engineering & Supply Co ..... Osage 7240

Engineers Supplies, Architects Supplies.
Tulsa Engineering & Supply Co, 22 E 4th .. Osage 3336

Engines—Gas and Oil.
Hope Engineering & Supply Co ..... Osage 7240

Oils.
Anderson & Gustafson, Daniel bldg ..... Tulsa 499

Oxy-Acetylene Welding.
Dubler Welding Co, Admiral & Owassa .... Tulsa 4475

Tents, Awnings and Tarpaulins.
National Tent & Awning Co, 111 N Main .. Osage 780

Weather Strips.
Monarch Metal Weather Strip Co The (Standard M W S Co, Distributors) Robinson bldg. Osage 6329
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co (G W Strawn), 110 W Golden ..... Osage 4751

Welders.
Dubler Welding Co, Admiral & Owassa .... Tulsa 4475

Notice!

This National Telephone Directory and Buyers' Guide includes the telephone numbers of those engaged in the operation of the different businesses listed.

All Independent Telephone systems are designated by having the exchange or number preceded by the word "Independent", "Tri-state", "Home" or such other local name of the Independent Company as best indicates the system to which it refers.

Examples—

Tri-state—722
Keystone—67
Tri-state—Main 621
Mutual—Heights 72

In cases where telephone service is maintained in the community by more than one telephone system, those telephones in the Bell system are indicated by the word "Bell" preceding the exchange or number and the "Independent" system telephones are indicated by the name of the local company preceding the telephone exchange or number.

Examples—

Bell—Main 2804
Home—City 2406
Bell—2791
Home—172

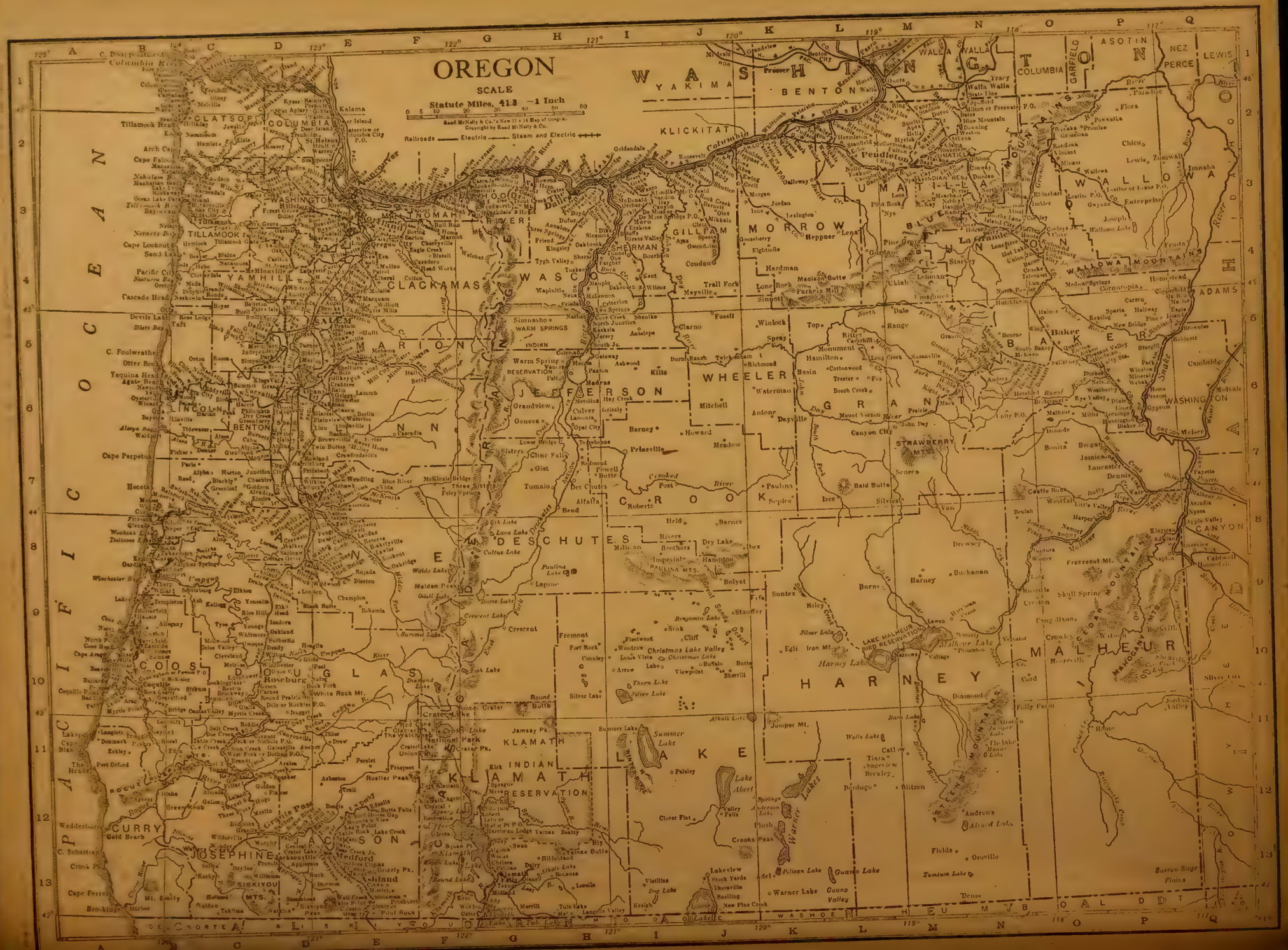
All other telephones are in the Bell system.

Examples—

Main 2804
Tremont 872-2
Harrison 7401
Edgewater 823

Thus all confusion is avoided and the path of almost instant communication is cleared for your use.

Donnelley's
National Classified
Telephone Directory
and
Buyers' Guide


OREGON
SCALE
Statute Miles, 41.8 —1 Inch
0 5 10 20 30 40 50 60
Rand McNally & Co.'s New Pocket Map of Oregon.
Copyright by Rand McNally & Co.
Railroads — Electric — Steam and Electric
WASHINGTON
YAKIMA
BENTON
KLICKITAT
WALLA WALLA
COLUMBIA
GARFIELD
ASOTIN
NEZ PERCE
LEWIS
CLATSOP
COLUMBIA
WASHINGTON
MULTNOMAH
HOOD RIVER
TILLAMOOK
YAMHILL
CLACKAMAS
WASCO
SHERMAN
GILLIAM
MORROW
UMATILLA
WALLOWA
UNION
BAKER
ADAMS
MARION
POLK
LINCOLN
BENTON
LINN
JEFFERSON
WHEELER
GRANT
WASHINGTON
CROOK
DESCHUTES
COOS
DOUGLAS
CURRY
JOSEPHINE
JACKSON
KLAMATH
LAKE
HARNEY
MALHEUR
CANYON
Pendleton
Heppner
Roseburg
Medford
Ashland
Klamath Falls
Burns
Baker
Ontario
Lakeview
Pacific Ocean
Columbia River
Snake River
Deschutes River
Klamath Lake
Crater Lake
Malheur Lake
Harney Lake
Summer Lake
Abert Lake
Warner Lake
Silver Lake
Diamond Lake
Cascade Range
Blue Mountains
Wallowa Mountains
Steens Mountain
Strawberry Mts.
Ochoco Mts.
Cascade Mts.
Siskiyou Mts.
Mt. Emily
Mt. Hood
Mt. Jefferson
Mt. Shasta
Mt. Pitt
Mt. Thielsen
Mt. Scott
Mt. Mazama
Mt. Adams
Mt. Rainier
Mt. Hood
Mt. Jefferson
Mt. Shasta
Mt. Pitt
Mt. Thielsen
Mt. Scott
Mt. Mazama
Mt. Adams
Mt. Rainier

OREGON

OREGON

Land area		95,607
Water area		1,092
Population	(Estimated)	848,866
White	(U. S. Census 1910)	818,869
Colored		16,872
Foreign-born white		103,001
Native white		552,089
Male		384,265
Female		288,500

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands			
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5	Ashland	E	13
10	Astoria	C	1
7	Baker	O	5
2	Bandon	A	10
1	Condon	J	4
1	Coquille	B	10
5	Corvallis	D	6
2	Cottage Grove	D	8
2	Dallas	D	5
1	Elgin	O	3
1	Enterprise	P	3
14	Eugene	D	7
1	Falls City	C	5
2	Forest Grove	D	8
4	Grants Pass	C	12
2	Hillsboro	E	8
2	Hood River	G	8
1	Independence	D	5
3	Klamath Falls	G	13
5	La Grande	N	4
1	Lakeview	J	13
2	Lebanon	E	6
3	McMinnville	D	4
3	Marshfield	B	9
14	Medford	D	13
1	Milton	N	2
2	Newberg	E	4
1	Ontario	Q	7
4	Oregon City	F	4
4	Pendleton	M	3
296	Portland	E	3
1	Prineville	I	7
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5	Roseburg	C	10
20	Salem	D	5
1	Seaside	C	2
1	Sheridan	D	4
2	Silverton	E	5
2	Springfield	D	8
5	St. Johns	E	3
5	The Dalles	H	3
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1	Union	O	4
1	Vale	P	8
2	Woodburn	E	4

PORTLAND

Adding Machines.

Monroe Calculating Machine Co, 110, 6th..Main 2285
See our Catalog Space, page 905

Addressing Machines.

Stickney & Montague, Direx-All (J McKean Fisher, Mgr), Oregon bldg.....Broadway 2403

Autographic Registers and Roll Printed Stationery.

United Autographic Register Co, Corbett bldg .....Main 4433

Autographic Registers and Roll Printers.

Egry Register Co The (W W Musgrave, Sales Agt), Abington bldg.....Marshall 4138
Globe Register Co The (Roy S Searle), 246 Stark .....Main 5819

Automobile Oils.

Indian Refining Co (Havoline Oil), 271 East Water .....East 362
See our Catalog Space, page 917

Ball Bearings.

Ahlberg Bearing Co, 325 Davis.....Broadway 125

Ball Bearings, Reground & New, All Makes, Types, Spcl.

Ahlberg Bearing Co, 325 Davis.....Broadway 125

Biscuit & Confectionery Manufacturers.

Tru-Blu Biscuit Co, E 6th & Davis.....East 3616

Blood Tonic.

Lange H W & Son (Send for Free Valuable Information), Box 1072.....Main 2378

Bonds, Guarantee.

National Surety Company (V H Galloway, Mgr), Corbett bldg .....Marshall 2191

Bonds, Surety.

National Surety Company (V H Galloway, Mgr), Corbett bldg .....Marshall 2191

Buckets, Clamshell.

Colby Engineering Co The, 70 First.....Main 6416

Burglary Insurance.

National Surety Company (V H Galloway, Mgr), Corbett bldg .....Marshall 2191

Calculating Machines.

Monroe Calculating Machine Company, 110, 6th .....Main 2285
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Cans.

American Can Co, Failing bldg.....Marshall 2800

Clocks.

Howard E Clock Co The (Butterfield Bros, Agents), Mohawk bldg .....Main 2846

Coal Handling Machinery.

Colby Engineering Co The, 70 First.....Main 6416

Collecting Agencies.

Short Adjustment Co, North Western Bank bldg .....Main 974 Home-A-3362

Concrete Construction.

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

Concrete Mixers.

Koehring Machine Company N W (H E Johnson Mngr), 254 Hawthorne av.....East 6482

Concrete Piles.

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

Cranes.

Colby Engineering Co The, 70 First.....Main 6416

Detective Agencies.

Burns Wm J, International Detective Agency, The Inc, Bell-Marshall 2473
Yeon bldg Home-A-4749
See our Catalog Space, page 938

Docks—Builders.

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

Electric Body Belt Manufacturers.

Schramek Frank (Booklet on Medical Electricity Sent Free), 294 Front st...Main 8140

Electric Clocks, Self-winding and Program.

Howard E Clock Co The (Butterfield Bros, Agents), Mohawk bldg .....Main 2846

Explosives & Blasting Supplies.

Trojan Powder Co, Yeon bldg.....Main 8120

Export—Manufacturers Agents.

American Northwest Overseas Co, Spalding bldg .....Main 7198 Home-A-1115

Fences—Wire & Iron.

Cyclone Fence Company, 372-74 E Oak.....East 7073
See our Catalog Space, page 953

Fibre Containers.

American Can Co, Failing bldg.....Marshall 2800

Foundries, Steel.

Electric Steel Foundry, 24th & York .....Marshall 325 Home-A-1426

Gear Cutting Machinery.

Fellows Gear Shaper Co (Eccles & Smith Co, Agts), 46 Front .....Broadway 5108

Hoists.

Colby Engineering Co The, 70 First.....Main 6416

Importers & Exporters.

Ban S Co, 32-34 N 3d .....Broadway 600 Home-A-1310

Lockers, Steel.

Medart Fred Mfg Co, (F W Farrington & Co, Rep), Henry bldg.....Marshall 3270

Manufacturers Agents & Jobbers.

Pacific Coast Sales Co, 246 Stark.....Main 5819

Marine and Locomotive Clocks.

Howard E Clock Co The (Butterfield Bros, Agents), Mohawk bldg .....Main 2846

Mimeographs.

Finzer W E & Co Inc, 293½ Stark.....Main 3347

Organ Builders.

Estey Organ Company (H C Ferris), Hotel Seward, 143, 10th .....Main 7164

Packing, Rod, Sheet & Hydraulic.

Endura Mfg Co (Pacific Mill & Mine Supply Co) (For Oils, Alkalies & Benzol Products), 69, 1st.....Bell-Main 5707 Home-A-2441

Piles, Concrete.

Raymond Concrete Pile Co, Pittock bldg.Broadway 232

Printing Machinery, Type and Supplies.

American Type Founders Co, 47 Fourth .....Bell-Bway 890 Home-A-2264
See our Catalog Space, page 1019

Steel Castings.

Electric Steel Foundry, 24th & York sts .....Marshall 325 Home-A-1426

Stencil Cutting Machines.

Bradley Stencil Machine Co (Parrott & Co, Agts), Portland Trust Co bldg.....Main 7356
Ideal Stencil Machine The (W E Finzer & Co Inc), 293½ Stark.....Main 3347
See our Catalog Space, page 1010

Surety Bonds.

National Surety Company (V H Galloway, Mgr), Corbett bldg.....Marshall 2191

Tanners of Chrome Upper Leathers.

Weber Tanning Co (Also Harness, Collar & Latigo Leather), 1710 Macadam st....Main 7550

Teachers' Agencies.

Yates-Fisher Teachers' Agency The (John D Stout), Broadway bldg.....Main 5276

Tower Clocks.

Howard E Clock Co The (Butterfield Bros, Agents), Mohawk bldg .....Main 2846

Tramrail Systems.

Colby Engineering Co The, 70 First.....Main 6416

Trucks, Elevating.

Lewis-Shepard Company (M D Spencer, Agt), 54 First.....Broadway 1235

Type Founders, Printers' Machinery and Supplies.

American Type Founders Co, 47 Fourth .....Bell-Bway 890 Home-A-2264
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Typewriters—Portable.

Corona Typewriter Company Inc, 110 Sixth..Main 2285

Washing Machines Mnfrs.

Maytag Company The, 312 E Madison.....East 139

Watchman Clock Mfrs.

Howard E Clock Co The (Butterfield Bros, Agents), Mohawk bldg .....Main 2846

Weather Strips.

Monarch Metal Weather Strip Co The (H M Fairfowl, Distributor), 220 Lumber Exchange.Main 7376
See our Catalog Space, page 1023

Wire Fence—Wire & Iron.

Cyclone Fence Company, 372-74 East Oak..East 7073
See our Catalog Space, page 1023

Wire and Iron Work.

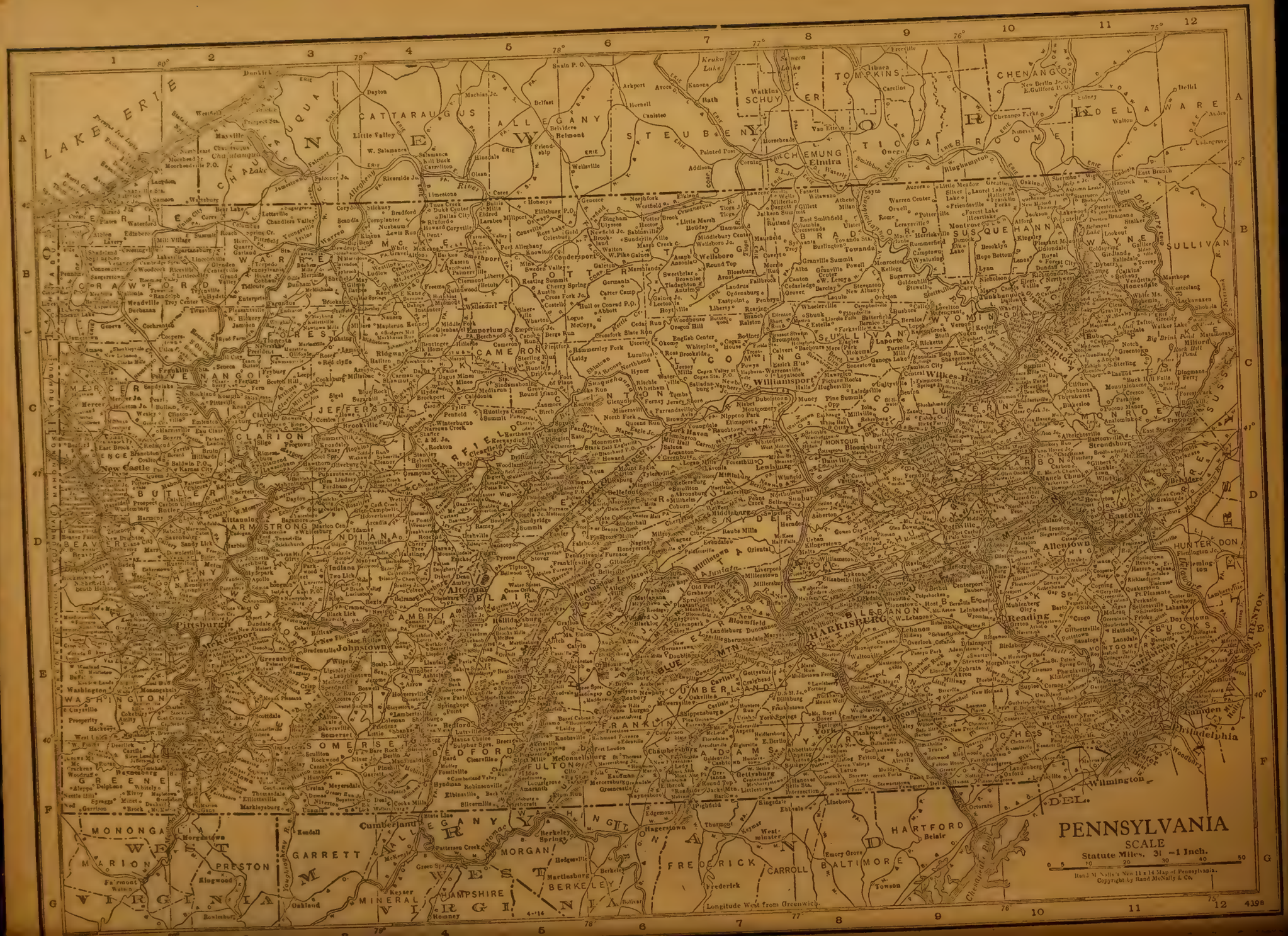
Cyclone Fence Company, 372-74 East Oak...East 7073
See our Catalog Space, page 953

Wire Manufacturers.

United States Steel Products Co, Selling bldg .....Bell-Marshall 3580 Home-A-6631

Wire Rope Manufacturers.

Macomber & Whyte Rope Co, Alaska bldg...Main 6012


PENNSYLVANIA
SCALE
Statute Miles. 31 = 1 Inch.
0 5 10 20 30 40 50
Rand McNally's New 11 x 14 Map of Pennsylvania.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
LAKE ERIE
CHAUTAUQUA
CATTARAUGUS
ALLEGANY
STEUBEN
SCHUYLER
TOMPKINS
CHEMUNG
TIOGA
BROOME
CHENANGO
DELAWARE
SULLIVAN
WAYNE
SUSQUEHANNA
BRADFORD
WARREN
CRAWFORD
ERIE
MERCER
VENANGO
FOREST
CAMERON
POTTER
TOGA
LYCOMING
SNYDER
UNION
CLARION
JEFFERSON
CLEARFIELD
CENTRE
MIFFLIN
JUNIATA
PERRY
BUTLER
LAWRENCE
ARMSTRONG
INDIANA
BLAIR
CAMBRIA
SOMERSET
BEDFORD
FULTON
HUNTINGDON
MONTOUR
COLUMBIA
LUZERNE
WYOMING
SULLIVAN
MONROE
PIKE
BERKS
LEHIGH
NORTHAMPTON
LANCASTER
LEBANON
DAUPHIN
CUMBERLAND
FRANKLIN
YORK
ADAMS
CHESTER
DELAWARE
BUCKS
MONTGOMERY
LEHIGH
WASHINGTON
GREENE
FAYETTE
MONONGALIA
MARION
PRESTON
GARRETT
MORGAN
BERKELEY
HAMPSHIRE
MINERAL
FREDERICK
CARROLL
BALTIMORE
HARFORD
Pittsburgh
Johnstown
Altoona
Harrisburg
Williamsport
Wilkes-Barre
Scranton
Allentown
Reading
Lancaster
Philadelphia
Wilmington
Cumberland
Wheeling
Baltimore
Towson
Frederick
Hagerstown
Martinsburg
Morgantown
Oakland
Kittanning
Bloomsburg
Easton
Trenton
Camden
Lake Erie
Lake Chautauqua
Keuka Lake
Seneca Lake
Susquehanna River
Allegheny River
Delaware River
Chesapeake Bay
DEL.

PENNSYLVANIA

PENNSYLVANIA

Land area		44,832
Water area		294
Population	(Estimated)	8,591,029
White		7,467,713
Negro		193,919
All others		3,479
Foreign-born white	(U. S. Census 1019)	1,438,719
Native white		6,028,994
Male		3,942,206
Female		3,722,905

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7 Ashland .....D 9
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3 Aspinwall .....D 2
4 Athens .....B 8
3 Austin .....B 5
5 Avoca .....C 10
5 Bangor .....D 11
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4 Bellefonte .....C 6
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3 Ephrata .....E 9
75 Erie .....A 1
4 Exeter .....C 10
5 Ford City .....D 3
6 Forest City .....B 10
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3 Freedom .....D 1
6 Freeland .....C 10
4 Galeton .....B 6
4 Gallitzin .....E 4
4 Gettysburg .....F 7
5 Gilberton .....D 9
4 Girardville .....D 9
6 Glassport .....E 2
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4 Grove City .....C 1
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7 Huntingdon .....E 6
6 Indiana .....D 8
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10 Jeannette .....E 2
8 Jenkintown .....I 11
8 Jermyn .....B 10
5 Jersey Shore .....C 7
3 Jessup .....C 10
4 Johnsonburg .....C 4
69 Johnstown .....E 3
7 Kane .....B 4
6 Kingston .....C 10
4 Kittanning .....D 3
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11 Lansford .....D 9
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11 Latrobe .....E 8
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3 Lewisburg .....D 8
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8 Lock Haven .....C 6
5 Luzerne .....C 10
3 Lykens .....D 8
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8 New Kensington.D 2
31 Norristown .....E 11
9 Northampton .....D 11
3 North East.....A 2
4 Northumberland D 8
3 Oakmont .....D 2
19 Oil City .....C 2
14 Old Forge .....C 10
10 Olyphant .....C 10
3 Parkesburg .....F 10
3 Parnassus .....D 2
4 Parsons .....C 10
4 Patton .....D 4
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5 Ridgway .....C 4
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6 Sayre .....B 8
5 Schuylkill Haven.D 9
5 Scottdale .....E 2
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9 Sharpsburg .....D 2
4 Sharpsville .....C 1
29 Shenandoah .....D 9
3 Shippensburg .....F 7
4 Slatington .....D 10
24 South Bethlehem D 11
4 South Brownsville .....E 2
5 South Fork .....E 4
3 Spangler .....D 4
8 Spring City .....E 10
6 St. Clair .....D 9
6 St. Marys.....C 4
16 Steelton .....E 8
4 Stroudsburg .....D 11
4 Summithill .....D 11
16 Sunbury .....D 8
3 Susquehanna .....B 10
7 Swissvale .....E 2
11 Tamaqua .....D 10
7 Tarentum .....D 2
12 Taylor .....C 10
5 Throop .....C 10
9 Titusville .....B 2
4 Towanda .....B 8
5 Turtle Creek.....E 2
7 Tyrone .....D 5
4 Union City .....B 2
21 Uniontown .....F 2
4 Vandergrift .....D 8
3 Vandergrift Heights .....D 2
3 Verona .....D 2
15 Warren .....B 3
22 Washington .....E 1
3 Wayne .....E 11
7 Waynesboro .....F 6
4 Waynesburg .....F 1
3 Wellsboro .....B 7
13 W. Chester .....F 10
5 West Hazelton.....D 9
3 West Homestead.E 2
3 West Newton.....E 2
2 West York.....F 8
3 Wiel o .....D 2
77 Wilkes-Barre .....C 10
23 Wilkinsburg .....E 2
34 Williamsport .....C 7
6 Wilmerding .....E 2
8 Windber .....E 4
5 Winton .....C 10
52 York .....F 8

ALIQUIPPA

Steel Cold Drawn and Tool.
Kidd Drawn Steel Co (Kidd's Ajax, Invincible, Imperial Drawn Shapes), Aliquippa ..... Woodlawn 196

ALLENTOWN

Acids & Chemicals.
Trojan Powder Co, Hunsicker bldg. Bell-Allentown 1820
.....Keystone-Allentown 3349

Cement (Roofers Cement, Plastic & Liquid Fiber).
Garnet Co The, New Greenleaf Bell-Allentown 1426
& L V R R.....Keystone-Allentown 3605

Cement Mnfrs.
Lehigh Portland Cement Co, Young bldg. Allentown 630
Virginia Portland Cement Co, Young bldg Allentown 630

Contractors Sheet Metal—Heating—Ventilating.
Hersh & Brother, 645-647 Mill....Bell-Allentown 1010
.....Keystone-Allentown 2728

Drop-Forgings.
Bonney Vise & Tool Works Inc....Bell-Allentown 417
.....Keystone-Allentown 6680

Explosives and Blasting Supplies.
Trojan Powder Co, Hunsicker bldg. Bell-Allentown 1820
.....Keystone-Allentown 3349

Greases (Special & Grafited, Gredag).
Garnet Co The, New Greenleaf Bell-Allentown 1426
& L V R R.....Keystone-Allentown 3605

Motor Trucks.
Autocar Sales & Service Co The, 36 Union .....Allentown. 1953

Oils (Automobile for Every Type of Motor).
Garnet Co The, New Greenleaf Bell-Allentown 1426
& L V R R.....Keystone-Allentown 3605

Oils (Lubricating, Special Grafited & Belt).
Garnet Co The, New Greenleaf Bell-Allentown 1426
& L V R R.....Keystone-Allentown 3605

Paints (Painters Oil and Roofers Paint, Black & Copper Red).
Garnet Co The, New Greenleaf Bell-Allentown 1426
& L V R R.....Keystone-Allentown 3605

Pipe Bending & Pipe Coils.
Albright Son & Co, 123 N Front. Bell-Allentown 970
.....Keystone-Allentown 1617

ARDMORE

Motor Truck Mnfrs.
Autocar Company, Lancaster av Belmont 4890
.....Ardmore 426

BEAVER FALLS

Dies—Self Opening.
Ideal Tool Mfg Co, 7th av.....Beaver Falls 671

Keys—Finished Machine.
Moltrup Steel Products Co.....Beaver Falls 730

Mats—Steel, Wood Wire.
Keystone Wire Matting Co.....Beaver Falls 91-R

Plates, Flattened, Ground & Polished.
Moltrup Steel Products Co (Foundry Pattern Plates, Steel Engraving Plates) ..... Beaver Falls 730

Shafting.
Union Drawn Steel Co, 7th av.....Beaver Falls 671

Shapes and Elevator Guides.
Union Drawn Steel Co, 7th av.....Beaver Falls 671

Steel—Cold Drawn.
Moltrup Steel Products Co .....Beaver Falls 730
Union Drawn Steel Co, 7th av.....Beaver Falls 671

Well Drilling Machinery.
Keystone Driller Co, Eighth av and 20th st .....Beaver Falls 70

BETHLEHEM

Bridges, Steel.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

Buildings, Steel.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

Coal Breakers, Steel.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

Conveyor Frames, Steel.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

Engineer's, Steel Design, Fabricating, Erecting.
Vanderstuchen Ewing Construction Co, Bethlehem Trust bldg.....Bethlehem 1600

Handle Makers—Wooden.
Strock L W & Co, First Nat Bank bldg. Bethlehem 106

Head Frames, Steel.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

Structural Iron & Steel, Fabricators & Contractors.
Vanderstuchen Ewing Construction Co, Bethlehem Trust bldg .....Bethlehem 1600

Structural Steel—Fabricated.
Guerber Engineering Co The, Bell-Bethlehem 576
9th & Lehigh av.....Keystone-Bethlehem 76-J

BIRDSBORO

Wire Belt Lacing.
Birdsboro Steel Foundry & Machine Co (The original Wire Belt-Lacing Machine), Birdsboro, Berks Co ..... Birdsboro 30

BLOOMSBURG

Castings—Gray Iron.
Richard Mfg Co ..... Bloomsburg 88-R

Machinery: Rod Drawing.
Richard Mfg Co ..... Bloomsburg 88-R

Machinery: Shape Drawing.
Richard Mfg Co ..... Bloomsburg 88-R

Machinery: Special.
Richard Mfg Co ..... Bloomsburg 88-R

Machinery: Tube Drawing.
Richard Mfg Co ..... Bloomsburg 88-R

Machinery: Wire Drawing.
Richard Mfg Co ..... Bloomsburg 88-R

BOYERTOWN

Castings, Light & Medium Gray Iron.
Union Manufacturing Co (Pattern & Machine Work, Nickel-Plating) Bell-Boyertown 18 ..... Ind Boyertown 79-C

Stoves, Ranges, Hot Air Furnaces & Gas Hot Plates.
Union Manufacturing Co Bell-Boyertown 18 ..... Ind Boyertown 79-C

BRADFORD

Bricks & Hollow Tile.
Bradford Pressed Brick Co 2 Main..... Bradford 385

Charcoal.
Manufacturers Charcoal Co, 76 Main..... Bradford 245

Hollow Tile & Bricks.
Bradford Pressed Brick Co, 2 Main..... Bradford 385

Labels Gummed.
McCourt Label Cabinet Co (Package Address Labels in Rolls are more Convenient and Economical than Gummed Labels Flat and in Pads) 42-54 Bennett ..... Bradford 1094

Oil, Gas and Artesian Well & Machy. Supplies.
Bradford Supply Co, 140 Main..... Bradford 1033

Oil Well Machinery & Supplies.
Bovaird & Company, 181 Main..... Bradford 110
Bovaird & Seyfang Mfg Co, 40 Davis..... Bradford 165

BRIDGEVILLE

Bricks, Mnfrs.
Mayer C P Brick Co ..... Bridgeville 56

Coal.
Mayer C P Brick Co ..... Bridgeville 56

BRISTOL

Iron Castings, (Grey) Light & Medium Machine.
Harkins T B Foundry Co, Dorrance & Canal. Bristol 67

BUTLER

Gas Engines—Manufacturers.
Evans Manufacturing Co Ltd The, 403 S McKean ..... Butler 85

Oil Well Supplies—Manufacturers.
Spang & Company, Etna st..... Butler 136

CARBONDALE

Buckets, Elevator.
Hendrick Mfg Co, 39-75 Dundaff..... Carbondale 221

Ice & Refrigerating Machine Mfrs.
Carbondale Machine Co The, Carbondale ..... Carbondale 23

Screens, Perforated Metals.
Hendrick Mfg Co, 39-75 Dundaff..... Carbondale 221

Structural Iron & Steel Work.
Hendrick Mfg Co, 39-75 Dundaff..... Carbondale 221

Thermometers.
Griebel Instrument Co, Carbondale... Carbondale 444

CARLISLE

Indian Rug Manufacturers.
Indian Rug Co, B & Pitt..... Bell-Carlisle 130
..... Independent 290-Y

School Furniture.
Federal Equipment Co The, 324-344 N West st ..... Carlisle 181

CHAMBERSBURG

Blowers Forced Draft—For Under Grates.
Hafer Foundry & Machine Wks, Bell-Chambersburg 307-Y
707 Fair Ground av..... Independent 438-Y

Flue Blowers—For Fire and Water Tube Blowers.
Hafer Foundry & Machine Wks, Bell-Chambersburg 307-Y
707 Fair Ground av..... Independent 438-Y

Rocking Grates.
Hafer Foundry & Machine Wks, Bell-Chambersburg 307-Y
707 Fair Ground av..... Independent 438-Y

CHARLEROI

Mill and Mine Equipment.
Charleroi Iron Works, 810 McKean av... Charleroi 11

Ornamental Iron Work.
Charleroi Iron Works, 810 McKean av.. Charleroi 11

CHESTER

Cold Storage Insulation.
Stevenson Cold Storage Door Co, Bell-Chester 206-M
1500 W 4th ..... United 46

Comfortables.
Huston Mfg Co, Chester ..... Chester 82

Dairy Machinery & Supplies.
Chester Dairy Supply Co, 9th & Hyatt.... Chester 341

Doors, Cold Storage & Ice Chutes.
Stevenson Cold Storage Door Co (Self closing doors, Standard Doors, Windows), 1500 W 4th ..... Chester 206-W

Hosiery Yarns.
Aberfoyle Mfg Co, Chester ..... Chester 91

Hydrogen.
Burdett Oxygen Co, 6th and Lloyd..... Chester 304

Leather Belting.
Bridge John Sons, 9th & Pennell..... Chester 791

Leather Packings.
Consolidated Belting Co (Oak & Chrome Packings, also Hycalibre Oak Tanned Leather Belting) 2 Jeffrey ..... Chester 830

Machinists.
Riverside Machine Co, (Pipe Bending Machinery & Gear Cutting) ..... Chester 1737

Oxygen.
Burdett Oxygen Co, 6th and Lloyd..... Chester 304

Pattern Makers.
Chester Pattern Co, 4th & Ward..... Chester 703
Penn Pattern Wks, Front & Concord av... Chester 29

Textile Fabrics.
Aberfoyle Mfg Co, Chester ..... Chester 91

Welders & Brazers.
Berry James, (All kinds of castings and machinery) 128 W 2nd ..... Chester 1819-J

CLEARFIELD

Machinery, Brick and Clay.
Clearfield Machine Shops, 4th & Pine sts Bell-Clearfield 21 ..... H & C 94

Refrigerators, for Hotels, Markets and Grocers.
Banta Refrigerator Co, Bigler av Bell-Clearfield 96
..... H & C 96

COATESVILLE

Scrap Iron.
Coatesville Scrap Iron Co ..... Coatesville 681-J

COLUMBIA

Wagon & Auto Body Mfrs.
Columbia Wagon Co The, Plane and Manor Bell-Columbia 21-3 ..... Independent-Columbia 180

CONNEAUTVILLE

Automobile Bodies—Wood Dump.
Graves L O Co..... Conneautville 1481
See our Catalog Space, page 918

Motor Truck Body Mfrs.
Graves L O Co..... Conneautville 1481
See our Catalog Space, page 918

CONNELLSVILLE

Coke Oven Brick.
Soisson Jos Fire Brick Co, 149 W Crawford av Bell-Connellsville 18 ..... Tri State 185

Fire Brick.
Soisson Jos Fire Brick Co, 149 W Crawford av Bell-Connellsville 18 ..... Tri State 185

Heaters, Warm Air.
Munson Heater Co, 108 Orchard av ..... Bell-Connellsville 153 Tri State 60-W

Silica Brick.
Soisson Jos Fire Brick Co, 149 W Crawford av ..... Bell-Connellsville 18 Tri State 185

COPLAY

Cement Mnfrs.
Coplay Cement Mfg Co, Coplay Lehigh County ..... Northampton 1268

CUSTER CITY

Charcoal.
Custer City Charcoal Milling Co ..... Custer City 535-J

DANVILLE

Bars—Iron.
Danville Iron & Steel Co, 500 E Market..Danville 21

Castings—Gray Iron.
Danville Iron & Steel Co, 500 E Market..Danville 21

Forging—Presses.
Danville Iron & Steel Co, 500 E Market..Danville 21

Iron—Bars.
Danville Iron & Steel Co, 500 E Market..Danville 21

Iron—Scrap.
Danville Iron & Steel Co, 500 E Market..Danville 21

Iron Work—Ornamental.
Danville Iron & Steel Co, 500 E Market..Danville 21

Machinery—Rolling Mill.
Danville Iron & Steel Co, 500 E Market..Danville 21

Ornamental Iron Work.
Danville Iron & Steel Co, 500 E Market..Danville 21

Presses—Forging.
Danville Iron & Steel Co, 500 E Market..Danville 21

Rolling Mill Machinery.
Danville Iron & Steel Co, 500 E Market..Danville 21

Scrap—Iron.
Danville Iron & Steel Co, 500 E Market..Danville 21

Scrap—Steel.
Danville Iron & Steel Co, 500 E Market..Danville 21

Steel—Scrap.
Danville Iron & Steel Co, 500 E Market..Danville 21

DU BOIS

Castings, Gray Iron.
Du Bois Iron Works, N Brady ..... Bell-Du Bois 5-R Summerville 198-B

Engines, Gasoline & Gas.
Du Bois Iron Works, N Brady ..... Bell-Du Bois 5-R Summerville 198-B

Foundries & Machine Shops.
Du Bois Iron Works, N Brady ..... Bell-Du Bois 5-R Summerville 198-B

Gas Engines.
Du Bois Iron Works, N Brady ..... Bell-Du Bois 5-R Summerville 198-B

Pumps, Steam & Electric.
Du Bois Iron Works, N Brady ..... Bell-Du Bois 5-R Summerville 198-B

EAST STROUDSBURG

Motor Trucks.
Autocar Sales & Service Co The, A M Price ..... Bell-East Stroudsburg 27-R Local-East Stroudsburg 96-F

EASTON

Cars, Industrial.
Easton Car & Construction Co, 22 Centre Square ..... Easton 2660

Cement Mfrs.
Alpha Portland Cement Co, Center Square. Easton 831

Motor Trucks.
Autocar Sales & Service Co The (Northampton County Buick Sales Co) 17th and Northampton ..... Easton 1578

Railways, Industrial.
Easton Car & Construction Co, 22 Centre Square ..... Easton 2660

ELLWOOD CITY

Conveying Machinery.
Mathews Gravity Carrier Co..... Ellwood City 201

Conveyors, Gravity, Merchandise, Brick, Lumber, Pig Iron.
Mathews Gravity Carrier Co..... Ellwood City 201

Conveyors Spiral.
Mathews Gravity Carrier Co..... Ellwood City 201

Elevators, Automatic Merchandise.
Mathews Gravity Carrier Co..... Ellwood City 201

Ornamental Iron and Wire.
Ellwood City Iron and Wire Co, 418 Pittsburgh Circle ..... Ellwood City 249

Spiral Conveyors, Gravity, Merchandise.
Mathews Gravity Carrier Co..... Ellwood City 201

EMAUS

Culverts, Cast Iron.
Donaldson Iron Co, Emaus..... Emaus 23-B

Fittings—Cast Iron B & S and Flange.
Donaldson Iron Co, Emaus..... Emaus 23-B

Pipe—(Cast Iron B & S. Flange & Flexible Joint).
Donaldson Iron Co, Emaus..... Emaus 23-B

ERIE

Aluminum Cooking Utensils.
Sterling Aluminum Co, 2616 Cherry..... Erie 1435-R

Automobile Parts, Pressed Metal.
Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

Automobile Tubes and Accessories.
Keystone Rubber Mfg Co, 141 E 11th..... Erie 1160-R

Belting.
Alexander Bros Leather Belting, (Stirling-Warfel Mill Supply Co) 12th and French..... Erie 306

Chucks, Quick Change, Drill, Top, Etc.
Modern Tool Co, 4th & State..... Erie 2140

Dies, Self-Opening and Adjustable.
Modern Tool Co, 4th & State..... Erie 2140

Dies, Solid Adjustable.
Modern Tool Co, 4th & State..... Erie 2140

Feed Water Heaters.
Sims Co The, 19th and Whitley av ..... Bell-Erie 2542 Mutual 2607

Foundries.
Cascade Foundry Co, 19th and Plum..Bell-Erie 1371-J ..... Mutual 204

Fuses Renewable, Cartridge Type.
Economy Fuses-Star Electrical Co, Distributors 14 West 11th ..... Erie 3478

Gas Engine Heaters.
Sims Co The, 19th and Whitley av ..... Bell-Erie 2542 Mutual 2607

Grinding Machines—Plain. Universal & Internal.
Modern Tool Co, 4th & State..... Bell 2140

Iron & Steel Merchants.
Miner-Morse Corporation, cor Ash & 15th.... Erie 90

Leather Belting.
Alexander Bros Leather Belting, (Stirling-Warfel Mill Supply Co) 12th and French..... Erie 306

Lighting Fixtures, Electric, for all Purposes.
Reflectolytes-Star Electrical Co, Distributors 14 West 11th..... Erie 3478

Lithographers.
Erie Lithographing & Printing Co, 10-28 West 4th ..... Bell-Erie 955 Mutual 308

Machine Tools—New & 2nd Hand.
Saxer-Creider Machinery Co, Commerce bldg. Erie 789

Metal Goods Mnfrs.
Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

Metal Specialties.
Erie Metal Products Co, 644-648 W 12th..Erie 1295-M

Metals, Scrap.
Erie Iron & Steel Co, 15th and Raspberry ..... Bell-Erie 2600 Mutual 2827

Meters—Gas.
Metric Metal Works, 10th st & Payne av.... Erie 420

Motor Trucks.
Autocar Sales & Service Co The (Chas F Loesel), 101 E 18th..... Mutual 4143

Oil Filters Mnfrs.
Sims Co The, 19th and Whitley av ..... Bell-Erie 2542 Mutual 2607

Regulators—Feed Water.
Copes—(Northern Equipment Co), 111 West 11th ..... Erie 1766-J

Scrap Iron.
Erie Iron & Steel Co, 15th and Raspberry ..... Bell-Erie 2600 Mutual 2827

Screw Machine Products.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Screw Machine Products. Stampings, Etc.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

ERIE—continued

Stamping, Anything in Sheet Metal.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Stamping Drawing Spinning Polishing & Plating.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Steam and Oil Separators.
Sims Co The, 19th and Whitley av Bell-Erie 2542 Mutual 2607

Steel, Cold Rolled Strip.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Switches, Electric.
Square D Switches-Star Electrical Co, Distributors, 14 West 11th. Erie 3478

Tops—Adjustable Callapsing.
Modern Tool Co, 4th and State. Erie 2140

Tubes, Brass & Copper.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Tubing, Seamless Steel.
Erie Metal Products Co, 644-648 W 12th. Erie 1295-M

Water Heaters—Storage Type.
Sims Co The, 19th and Whitley av Bell-Erie 2542 Mutual 2607

FRANKLIN

Forgings Commercial.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Foundries Gray Iron.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Gasoline, Oil Engines.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Machine Shop.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Machine Tools, Vertical Boring, Mills.
Colburn Machine Tool Company, Third & Buffalo. Franklin 564

Oil Well Supplies.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Oils.
Foco Oil Company, 1317 Main. Franklin 528

Packing, Gas & Oil Well.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

Tanks—Iron and Steel.
Jones R E & Co, cor Chestnut and Hillside av. Franklin 84-R

Working Barrels—Cast Iron.
Producers Supply Co, 1 Thirteenth. Franklin 495-J

GARRETT

Coal.
Merrill W A & Son Co, Jackson & Walker. Garret 8
See our Catalog Space, page 932

GETTYSBURG

Dining Room Furniture.
Gettysburg Furniture Co Bell-Gettysburg 127 Independent 178-W

GLASSPORT

Rivets—Boiler, Ship, Tank & Structural.
Severance S Mfg Co, 3rd Bell-Glassport 135 P & A-McKeesport 377

GREENSBURG

Envelopes.
Pittsburgh Envelope Co, Otterman st. Greensburg 961

HAMBURG

Tanks, Mfrs. Steel Storage Gasoline, Pneumatic.
Hamburg Tank Works Hamburg 111-R4 Consplidated 6-4

HANOVER

Driers, Grain.
Fitz Water Wheel Co Bell-Hanover 83-R Independent 13-Y

Facings Heads (Various) Sizes.
Mummert-Dixon Co, Philadelphia st & P R R. Bell-Hanover 7-R Independent 207-W

Grinders (Oilstone & Portable—Radial).
Mummert-Dixon Co, Philadelphia st & P R R. Bell-Hanover 7-R Independent 207-W

Pattern Makers.
Mummert-Dixon Co, Philadelphia st & P R R. Bell-Hanover 7-R Independent 207-W

Water Wheel Mfrs.
Fitz Water Wheel Co (Steel Overshoot and Turbine Water Wheels of highest Efficiency—Water Power Equipment) Bell-Hanover 83-R Independent 13-Y

HARRISBURG

Castings, Brass & Bronze.
Pennsylvania Bronze Foundry, 7th & Emerald. Harrisburg 1731-J

Castings, Brass, Bronze & Small Steel.
Harrisburg Brass & Bronze Foundry, 620 S 11th. Bell-Harrisburg 888 Cumberland Valley 3628

Motor Trucks.
Autocar Sales & Service Co The (Eureka Wagon Works) 614-18 North. Harrisburg 29

Patterns & Models.
Harrisburg Pattern & Model Works, 28-34 N Cameron. Harrisburg 3971-J

Scrap Iron & Metals.
Williams & Freedman, 10th below Mulberry. Bell-Harrisburg 4511 Cumberland Valley 4219

Scrap Iron Metals & 2nd Hand Machinery.
Silberman Bros, 445 S Second Bell-Harrisburg 864 Cumberland Valley 4740

Shoes Mfrs. (Women's Misses & Childrens—Welts & McKays).
Harrisburg Shoe Mfg Co, 1408 Vernon. Harrisburg 1300

HASTINGS

Coal.
Oak Ridge Coal & Coke Co, Beaver. Bell-Hastings 123-J H & C 16-E
See our Catalog Space, page 932

HAZLETON

Belting Leather.
Detroit Oak Belting Co (Hazleton Machinery & Supply Co), 244 W Broad. Hazleton 106

HUNTINGDON

Motor Trucks.
Autocar Sales & Service Co The, Chas A Vuille, 609 Mifflin. Huntingdon 73

Paper Tablets.
Blair J C Co, 600 Penn st. Huntingdon 280

Radiators.
Atlantic Radiator Co. Huntingdon 97

INDIANA

Motor Trucks.
Autocar Sales & Service Co The (Indiana Motor Co), 8th. Indiana 29-R

JOHNSTOWN

Armature Coils.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 94 City 2164
See our Catalog Space, page 929

Brass Castings & Aluminum Castings.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 94 City 2164
See our Catalog Space, page 929

Car Journal Brasses.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 94 City 2164
See our Catalog Space, page 929

Coal & Coke, Miners & Shippers.
Grazier Coal & Coke Co, Johnstown Trust bldg. Bell-Johnstown 178 City 16[illegible]

Electro Plating & Galvanising.
Cambria Electro Plating & Galvanizing Co, 209 Hickory. City 61[illegible]

Mill & Mine Supplies.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 94 City 216[illegible]
See our Catalog Space, page 929

Motor Trucks.
Autocar Sales & Service Co The (The Johnstown Automobile Co), 101 Main. Johnstown [illegible]

Paints (Manufacturers).
Cambria Paint & Color Co, Messenger & B O R R. Bell-Johnstown 48 City 104

Trolley Frogs.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 9[illegible] City 216
See our Catalog Space, page 929

Trolley Line Section Insulator Switch.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 9[illegible] City 216
See our Catalog Space, page 929

Trolley Pole Heads & Harps.
Flood City Manufacturing Co The, Messenger & Elder sts. Bell-Johnstown 9[illegible] City 216
See our Catalog Space, page 929

Trolley Poles.
Flood City Manufacturing Co Bell-Johnstown 94
The Messenger & Elder sts.....City 2164
See our Catalog Space, page 929

Trolley Splicers.
Flood City Manufacturing Co Bell-Johnstown 94
The, Messenger & Elder sts.....City 2164
See our Catalog Space, page 929

Trolley Wheel Bushings.
Flood City Manufacturing Co Bell-Johnstown 94
The, Messenger & Elder sts.....City 2164
See our Catalog Space, page 929

Trolley Wheels.
Flood City Manufacturing Co Bell-Johnstown 94
The, Messenger & Elder sts.....City 2164
See our Catalog Space, page 929

LANCASTER

Autographic Registers and Roll Printers.
Egry Register Co The (F W Shee, Sales Agt), 446 S Ann.....Lancaster 2335-J

Belting.
Alexander Bros Leather Belting, (Mnfrs Asso of Lancaster) Woolworth bldg.Lancaster 998

Dredge Pipe, Stacks & Tanks.
Lancaster Iron Works Inc, Hager Bell-Lancaster 2
& Prince .....Independent 272

Dumb Waiters.
Herr & Co, (Sedgwick Machine Works Inc), 7 E King .....Lancaster 1800
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Electrical Contractors & Electrical Supplies.
Trissler Frank B, 211-215 N Bell-Lancaster 2089
Duke .....Independent 24-X

Hauling, Moving, (Local & Long Distance).
Herr Noah F, 25-27 W Bell-Lancaster 1744-J
Lemon .....Independent 465-Z

Iron (Ornamental, Grilles, Doors, Railings, Fences, Etc.)
Kaihler Samuel N, 536-538 Penn av..Lancaster 2031-G

Leather Belting.
Alexander Bros Leather Belting, (Mnfrs Asso of Lancaster (Woolworth bldg.....Lancaster 998

Newspaper & Technical Book Printers.
New Era Printing Co The (The New Era-Daily & Semi-Weekly), 41 N Bell-Lancaster 268-J
Queen .....Independent 134

Nurserymen & Landscape Gardeners.
Barr B F & Co, 116 North Bell-Lancaster 1956
Queen .....Independent 483

Patterns, Wood & Metal.
Keystone Pattern Shop, 352 N Arch..Lancaster 598-M

Printers (Book, Job Calendars, Etc.) & Publishers.
Conestoga Publishing Co The, Bell-Lancaster 15
227-231 N Cherry.....Independent 350

Roofers: Asphalt Roofing, Paints, Wall Board, Etc.
Coldren Roofing Co The, 341 N Bell-Lancaster 1947
Queen .....Independent 364-Y

Stacks, Tanks & Dredge Pipe.
Lancaster Iron Works Inc, Hager Bell-Lancaster 2
& Prince .....Independent 272

Tanks, Stacks & Dredge Pipe.
Lancaster Iron Works Inc, Hager Bell-Lancaster 2
& Prince .....Independent 272

Water Supply Systems.
Sheet Metal & Supply Co (Leader Iron Wks), Christian & Bell-Lancaster 1300
Marion .....Independent 219

LANSDALE

Cast Iron Pipe.
Central Foundry Company The.....Lansdale 56
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Castings, Gray Iron.
Central Foundry Company The.....Lansdale 56
See our Advertisement Outside Back Cover

Floor Drains.
Central Foundry Company The (Lynn)..Lansdale 56
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Foundries.
Central Foundry Company The.....Lansdale 56
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Gas Mains.
Central Foundry Company The.....Lansdale 56
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Manhole Frames & Covers.
Central Foundry Company The, ...Lansdale 56
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Marine Castings.
Central Foundry Company The, ...Lansdale 56
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Soil Pipe.
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Universal Cast Iron Pipe.
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LEBANON

Castings, Gray Iron.
North Lebanon Foundry Co, 2d and Canal .....Lebanon 595-R

Paper Boxes.
Lebanon Paper Box Co, Cumberland Bell-Lebanon 386
st and P R R.....United 319

Scrap Iron & Metals.
Caplan Julius H, W Cumberland and Cornwall R R .....Lebanon 868-J

Scrap Iron & Metals—Plants Dismantled.
Brenner L & Co, 5th and Green.....Lebanon 32

LITITZ

Coffee Substitute Mfrs.
Household Mfg Co (Also Mfrs for Private Label Sale), 249 East Main.....Lititz 15-R-2

MANHEIM

Belting—Balata—Mfrs.
Manheim Mfg & Belting Co.....Bell-Manheim 41-1
.....Independent 648-X

Belting—Stitched Canvas—Mfrs.
Manheim Mfg & Belting Co.....Bell-Manheim 41-1
.....Independent 648-X

Collars (Shaft).
Bond Foundry & Machine Co, Manheim.Manheim 41-A1

Couplings (Shaft).
Bond Foundry & Machine Co, Manheim.Manheim 41-A1

Hangers (Shaft).
Bond Foundry & Machine Co, Manheim.Manheim 41-A1

Pillow Blocks (Shaft).
Bond Foundry & Machine Co, Manheim.Manheim 41-A1

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Blast Furnaces.
Treadwell Construction Co .....Midland 62

Ladles—Hot Metal.
Treadwell Construction Co .....Midland 62

Oils—Refineries.
Treadwell Construction Co .....Midland 62

Penstocks.
Treadwell Construction Co .....Midland 62

Pipe (Riveted and Welded).
Treadwell Construction Co .....Midland 62

Tanks.
Treadwell Construction Co .....Midland 62

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Automobile Bodies—Commercial.
Mifflinburg Body Co The.....Mifflinburg 41-J3

Bodies—Commercial Automobile.
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MONESSEN

Belting—Wire Conveyor.
Page Steel & Wire Co, Pittsburg.....Grant 1694

Copperweld—Copperclad Wire.
Page Steel & Wire Co, Monessen.....Grant 1694

Fences, Wire & Iron.
Page Steel & Wire Co, Pittsburg.....Grant 1694

Partitions—Wire & Iron.
Page Steel & Wire Co, Pittsburg.....Grant 1694

Rope Wire.
Page Steel & Wire Co, Monessen.....Grant 1694

Steel Spring Wire.
Page Steel & Wire Co, Monessen.....Grant 1694

Wire Fence—Wire & Iron.
Page Steel & Wire Co, Pittsburg.....Grant 1694

Wire & Iron Works.
Page Steel & Wire Co, Pittsburg.....Grant 1694

MT BRADDOCK

Fire Brick, High Grade.
Eureka Fire Brick Works.....Dunbar 49

MT CARMEL

Motor Trucks.
Autocar Sales & Service Co The (Black Diamond Auto Co), 122 N Clark.Mt Carmel 47-J

NAZARETH

Cement Mnfrs.
Dexter Portland Cement Co.....Nazareth 140

NEW BRIGHTON

Brick Annealing.
Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

Brick Blast Furnaces.
Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

Brick Boiler Settings.
Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

Bricks—Fire & Clay.
Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

Collapsible Tubes.
Standard Specialty & Tube Co ..... Bell-New Brighton 1076 Beaver County 1076

Fire Brick & Clay.
Brighton Fire Brick Company ..... Bell-New Brighton 1220 Beaver County 1413

Tubes—Collapsible.
Standard Specialty & Tube Co ..... Bell-New Brighton 1076 Beaver County 1076

NEW CASTLE

Cement Mnfrs.
Lehigh Portland Cement Co, Greer bldg.New Castle 2700

Hotel China Mfg.
Shenango Pottery Co.....New Castle 376

NEW FREEDOM

Moulded Insulations (Electrical) Mfrs.
American Insulator Co,.....Glen Rock 4R2

NEW HOLLAND

Concrete Culverts, Drain Pipe, Etc. Mfrs.
Musselman G Paul, Prospect st ..... New Holland 18R2 Independent 926

NORRISTOWN

Asbestos Products.
American Asbestos Company, ...Norristown 345
Norristown Magnesia & Asbestos Co....Norristown 1620

Pipe and Boiler Coverings.
Norristown Magnesia & Asbestos Co....Norristown 1620

NORTH EAST

Soldering Fluxes, Sticks, Paste, Salts, Liquid.
Burnley Battery & Mfg Co The (Burnley), Clay st .....North East 26-W

NORTH WALES

Castings Grey Iron.
North Wales Machine Co Inc (Grinding and Polishing Machy, Sensitive Drill Presses, Rod Cutters, Emery Wheel Dressers & extra cutters, Hack Saw Machines), Elm av & Center .....North Wales 147

Machinery—Grinding & Polishing.
North Wales Machine Co Inc (Sensitive drill presses, Rod Cutters, Power Hack Saw Machines, Emery Wheel Dressers, and extra cutters, Grey Iron Castings), Elm av and CenterNorth Wales 147

Wood Work.
Weber O M Co Inc (All Kinds—Millwork, Cabinet Work, Turnings, Aeroplanes, Commercial Motor Bodies, Telephones, Talk- North Wales 4 ing Machines, Boats Etc).Philadelphia-Tioga 2278-J

NORTHUMBERLAND

Forgings—All Kinds & Sizes.
Keystone Forging Co The.....Northumberland 706

PARKESBURG

Boiler Tubes.
Parkesburg Iron Co The, Parkesburg..Parkesburg 161

Charcoal Iron Boiler Tubes.
Parkesburg Iron Co The, Parkesburg..Parkesburg 161

Piano Hardware.
Parkesburg Stamping & Mfg Co, 1st av & Church .....Parkesburg 42

Stamping, Drawing, Spinning, Polishing & Plating.
Parkesburg Stamping & Mfg Co, 1st av & Church .....Parkesburg 42

PENN STATION

Mine Car Wheels, Plain & Roller Bearings.
Hockensmith Wheel & Mine Car Co.....Jeannette 113

Mine Cars, Steel & Wood.
Hockensmith Wheel & Mine Car Co.....Jeannette 113

PHILADELPHIA

Accountants.
Flint & McGrath (C P A Mfg & Mercantile Systems), Colonial Trust bldg.....Walnut 3750
Marx S J (C P A), Real Estate Trust bldg .....Walnut 193

Accountants (Certified).
Magee Henry C, Stephen Girard bldg.....Walnut 1143

Accountants Chartered.
Barrow Wade Guthrie & Co, Finance bldg..Spruce 5110

Acetylene Apparatus.
Davis-Bournonville Co, N Stock Ex bldg....Spruce 693
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Acids.
Harrison Works (Owned and operated by E I DuPont de Nemours & Co), 35th st and Gray's Ferry rd.....Dicknsn 50

Adding Machines.
Monroe Calculating Machine Co, New Stock Exchange bldg.....Spruce 457
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Addressing Companies.
Amweg J M Co The, Real Estate Trust bldg .....Bell-Filbert 3703 Keystone-Race 311
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Howe Addressing and Printing Co (Write for Catalog showing guarantee), 704 Chestnut st .....Walnut 5170

Addressing Machines.
Addressograph Co (R F Porter, Dist Mgr), 839 Market .....Walnut 1521
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Stickney & Montague, Direx-all, 612 Chestnut .....Walnut 1762

Advertising Classified Telephone Directory.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Commonwealth Trust bldg.....Walnut 211

Advertising Matter Distributors.
National Delivery Service Co (Samuel J Hanick, Mgr), 12th & Locust.....Filbert 3872

Advertising Novelties.
Douglas Mfg Co, (Novelties all Descriptions for Every Purpose) Widener bldg....Walnut 3631

Angles.
Sweets Steel Co, Land Title bldg.....Locust 147

Appraisals Mfg. Plants, Etc.
Standard Appraisal Co, 411 Walnut.....Lombard 1773

Appraisers.
American Appraisal Co The, Witherspoon bldg .....Walnut 3535
Manufacturers Appraisal Co, Drexel bldg.Lombard 331

Arch Supports & Foot Appliances.
Philadelphia Orthopedic Co, 49 N 13th..Walnut 294

Armature & Armature Rewinding.
Whalen-Crosby Electric Co Inc, 140 N 11th .....Bell-Walnut 2963 Keystone-Race 20

Artesian & Driven Well Contractors.
Artesian Well Drilling Co, Real Estate bldg .....Bell-Walnut 6559 Keystone-Race 2944
Ridpath & Potter Co, Bourse bldg.....Lombard 3544

Artificial Leather.
Endura Mfg Co, 63d & Eastwick av....Woodland 630

Artificial Limbs.
Fuller Geo R Co, 1233 Arch.....Locust 4078
Philadelphia Orthopedic Co, 49 N 13th...Walnut 294

Artificial Limbs & Supplies.
Hanger J E Inc, 124 N 15th.....Spruce 4413

Asphalt.
Barber Asphalt Paving Co The (Trinidad & Bermudez), Land Title bldg.....Spruce 5000

Auctioneers.
Barsh M & Co (Wholesale & Commission Merchants), 19 S 4th st .....Bell-Lombard 1281 Keystone-Main 6075A

Autographic Registers & Roll Printers.
Egry Register Co The (L W Marks, District Sales Agt), Central Trust bldg.....Market 1006
Globe Register Co The (Geo W Baker), Land Title bldg.....Bell-Locust 2317 Keystone-Race 177

Automobile Accessories Mfg.
Goodrich Lenhart Mfg Co The (Automobile Ignition Locks and Steering Column Locks with Yale Security, Thermostic Carburetor Regulators, Brake Shoes, Ignition Harness, Cut outs), Widener bldg.....Walnut 2787

Automobile Bodies.
Fulton-Walker Co Inc, 20th & Filbert.....Locust 376

Automobile Cut Outs.
Goodrich Lenhart Mfg Co The (Scientifically designed Cut-outs in all sizes—shuts off all exhaust. Recommended for accurate testing and loud barks), Widener bldg.....Walnut 2727

Automobile Locks.
Goodrich Lenhart Mfg Co The (Goodrich Ignition Lock for Fords, Goodrich Steering Column Lock for All Cars. Yale secured means absolute protection), Widener bldg.....Walnut 2727

Automobile Oils.
Indian Refining Co (Havoline Oil) 210 North 2d .....Market 2545
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Auxiliary Deck Machinery.
American Clay Machinery Co The (Headquarters, Bucyrus, Ohio), Liberty bldg..... Filbert 5366

Awnings.
Walger Awning Co (A E Showman, Agt), Real Estate Trust bldg..Bell-Filbert 46-27 Keystone-Race 1059

Babbitt Metals & Solder.
Phila Smelting & Refining Works, 2433 N 2d.....Bell-Kensington 1065 Keystone-Park 81

Badges.
Philadelphia Badge Co (For large corporations. Employees Badges in Metal, Celluloid and Photographic, also Photographic Identification Systems) 942 Market.....Filbert 3976

Bags & Bagging.
Robinson Chas T, 107-109 Walnut st .....Bell-Lombard 2260 Keystone-Main 2808

Bags, Burlap & Cotton.
Philadelphia Bag Co, Water & Tasker...Dickinson 71

Bags & Burlap, New and Second Hand.
Pottash Bros, 504 N American .....Market 3723

Bags—Burlap—Second Hand.
Phila S H Burlap Bag Co, 408-10-12 S Front .....Lombard 174

Baling Presses.
Davenport Mfg Co (J E Fluke Jr, Repr), Builders Exchange .....Market 3785

Ball Bearings.
Ahlberg Bearing Co, 934 Broad.....Bell-Poplar 1427
.....Keystone-Park 1381
Gwilliam Co The, 1314 Arch.....Walnut 3497
Hess-Bright Mfg Co The, Front & Erie.Kensington 7120
New Departure Service Station, 1314 Arch.Walnut 3497
Pruyn Ball Bearing Works (Mnfrs of single and double row ball bearings and thrusts also reground bearings of all makes and sizes).....Bell-Frankford 1372 Keystone-East 361
Standard Roller Bearing Co, 50th & Lancaster av .....Belmont 550

Ball Bearings for Power Transmission.
Transmission Ball Bearing Co, Bourse bldg .....Lombard 490
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Ball Bearings, Reground & New, All Makes & Special.
Ahlberg Bearing Co, 934 Broad.....Bell-Poplar 1427
.....Keystone-Park 1381

Banks.
First National Bank (First National Bank Chartered), 315 Chestnut.....Lombard 294

Bars for Re-Inforced Concrete.
Corrugated Bar Co, Transportation bldg..Spruce 5747

Bearings, Rolling Mill.
American Manganese Bronze Co, Rhawn & Hegerman Holmesburg..Holmesburg 600

Belt Dressing.
Cling Surface Co, (Chas Bond Co) 620 ArchMarket 3249

Belt Lacing Machines.
Peerless Belt Lacing Machine Co, Swanson & Moore.....Dickinson 1525

Belting.
Alexander Bros, 414 N 3d.....Bell-Market 2783
.....Keystone-Main 4196
Alexander Bros Leather Belting (Fifer & Beatty) Front & Lehigh av.....Kensington 1676
Alexander Bros, Leather Belting (Sees & Faber) 2008 N Front.....Kensington 5140

Belting (Leather).
Bond Charles Co, 520 Arch.....Market 3249

Belting, Waterproof.
Etsweiler Wm & Co, 230 N 3d.....Bell-Market 458
.....Keystone-Main 209

Blowers & Exhaust Fans Mfrs.
Ilg Electric Ventilating Co, Commercial Trust bldg .....Spruce 2099

Boiler Compound.
Bird-Archer Co The, 4337 North American..Tioga 5309
Lord Geo W Co, 2238 N 9th.....Diamond 6892

Boiler Tubes.
Parkesburg Iron Co The, Commercial Trust bldg .....Spruce 2894

Boilers—Land & Marine.
Badenhausen Co, 1425 Chestnut.....Locust 2810

Bonds and Stocks.
Brooks P W & Co Inc, N Stock Exch bl...Spruce 4340

Bottle Packing.
Philadelphia Excelsior Co, 716 N 3rd.....Market 446

Box Shooks.
Chicago Mill & Lumber Co (H T Powers, Mgr), Widener bldg.....Walnut 4047

Box Shooks Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), 10 Chestnut.....Lombard 5060

Box Strapping Soft Wire.
Gerrard Wire Tying Machines Co (Gerrard Method), 10 Chestnut.....Lombard 5060

Boxes, Wire Bound.
Chicago Mill & Lumber Co, (H T Powers, Mgr) Widener bldg.....Walnut 4047

Braces.
Philadelphia Orthopedic Co (Worlds Largest Manufacturers High Grade Appliances for Short & Weak Legs) 49 N 13th.....Walnut 294

Brake Lining.
Staybestos Mfg Co (S M C) (Toughest, most durable and dependable brake lining made. All sizes up to 6" wide) 5518-36 Bell-Germantown 5405
Lena .....Keystone-North 199

Brass Rods.
Philadelphia Brass Co, Commercial Trust bldg .....Spruce 2263

Brick Making Machines.
Chambers Bros Co, 52nd and Media.....Belmont 258

Bridges, Steel.
American Bridge Company, Widener bldg..Walnut 5200

Bronze Castings.
American Manganese Bronze Company, Rhawn & Hegerman, Holmesburg..Holmesburg 600

Bronze Forgings.
American Manganese Bronze Company, Rhawn & Hegerman, Holmesburg..Holmesburg 600

Bronze Ingots.
American Manganese Bronze Company, Rhawn & Hegerman, Holmesburg..Holmesburg 600

Bronze Rods.
American Manganese Bronze Co, Rhawn & Hegerman, Holmesburg..Holmesburg 600

Bronze Sheets.
American Manganese Bronze Co, Rhawn & Hegerman, Holmesburg..Holmesburg 600

Brushes, Carbon for Generators, Etc.
Calebaugh Self-Lubricating Carbon Co Inc (Mfrs. "No Spark" Self-Lubricating Brushes), 1503 Columbia av..Bell-Diamond 4456 Keystone-Park 4881-D

Brushes, Wire Butcher Block Brushes.
Eagle Brush Mfg Co, 218 N 4th.....Market 1797

Builders Iron Work.
Matthews S G & Co, 2016 W Lippincott.....Bell-Tioga 2397 Keystone-Park 670

Building Reports.
Dodge F W Co, 1211 Arch.....Locust 4326

Buildings, Portable Galvanized Steel.
Pruden C D Co The, (F H Whiteman) 140 N 6th .....Market 2464
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Buildings, Portable, Galvanized Steel or Stucco.
Moister M & Co, 3931 N 5th.....Tioga 2984

Business Training.
Alexander Hamilton Institute, Bulletin bldg.Walnut 5608
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Buttons (Mfrs.) Metal, Celluloid for Societies, Etc.
Philadelphia Badge Co, 942 Market.....Filbert 3976

Cabinet Makers—Special Wood Work.
Sjostrom John E Co Inc, 1715 N 10th.....Bell-Diamond 4710 Keystone-Park 14

Calculating Machines.
Monroe Calculating Machine Co, New Stock Exchange bldg .....Spruce 457
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Calendar Mfrs. Commercial, Daily, Weekly & Monthly.
Herold Press The, 15th & Wallace.....Poplar 2245

Cans
American Can Co, Allen, Palmer & Beach sts .....Kensgtn 871

Cans & Boxes.
Clarke Can Co, (Druggist, Tin Ware, Tanks, Measures, Etc) S E cor 12th & Fitzwater .....Walnut 3867

Cans, Plain & Lithographed.
Ritter Manufacturing Co, 1543 N Hutchinson .....Bell-Poplar 716 Keystone-Park 1430

Canvas Bags & Canvas Goods.
Lindh Charles E Inc, 9th & Spring Garden.Poplar 5091

Canvas Bags, Covers & Tents.
Vanderbershee Wm H, 414 & 416 Callowhill st .....Market 946

PHILADELPHIA—cont'd

Canvas Covers.
Humphrys D C Co, 909 Filbert st Bell-Walnut 510
.....Keystone-Race 3528

Carbon Brushes for Motors, and Generators.
Calebaugh Self-Lubricating Carbon Co Inc, (Mfrs "No Spark" Self-Lubricating Brushes) 1503 Columbia av Bell-Diamond 4456 Keystone-Park 4881-D

Carbon Paper Mfrs.
General Manifold & Printing Co, Bourse bldg .....Lombard 3601

Carburetor Adjusters.
Goodrich Lenhart Mfg Co The (Automatic Thermostat carburetor adjuster, regulates flow of gasoline by engine temperature, saving 35 to 90% gasoline consumption) Widener bldg .....Walnut 2727

Card Boards.
Megargee-Hare Paper Co, 12 South 6th Bell-Market 1711
.....Keystone-Main 4100
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Carpet & Upholstery Manufacturer's Journals.
American Carpet & Upholstery Journal, 421 Chestnut .....Lombard 1205

Carton Sealers.
American Machinery Co Inc, cor 12th & Callowhill sts .....Locust 3892

Casket Lowering Devices.
Frigid Fluid Co (O J Haabestad, Agt), 5803 Master .....Belmont 1975-M

Castings—Acid Resisting & Grey Iron.
United States Cast Iron, Pipe & Foundry Co, 1421 Chestnut .....Spruce 1000
Wood R D Co, 400 Chestnut.....Lombard 1020

Castings, Bronze Phosphor.
Phosphor Bronze Smelting Co The, 2200 Washington av .....Dickinson 870
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Castings Grey Iron & Brass.
Wood John Mfg Co, 1225 Hamilton st.....Poplar 7638

Castings—Large Loam.
Wood R D Co, 400 Chestnut.....Lombard 1020

Celluloid Advertising Buttons & Specialties.
Philadelphia Badge Co, (For all Campaign Purposes, Etc) 942 Market.....Filbert 3976

Cement (Mfrs.)
Alpha Portland Cement Co, Harrison bldg..Spruce 4969
Coplay Cement Mfg Co, Widener bldg....Walnut 1493
Dexter Portland Cement Co, Land Title bldg Spruce 5162
Giant Portland Cement Co, Pennsylvania bldg .....Spruce 1450
Lehigh Portland Cement Co, Finance bldg.Spruce 587

Cement (Rubber, Leather & Fabrics).
Montgomery Bros Inc, 45 S Second.....Lombard 1500

Cement—High Temperature.
Botfield Specialties Mfg Co, 776 S Swanson Bell-Lombard 3488
.....Keystone-Main 1609

Chain & Sprocket Mnfrs. Roller & Bushing Chain.
Union Chain & Mfg Co The, (E M Pletcher Rep), 1309 Arch.....Spruce 5075

Charcoal Iron Boiler Tubes.
Parkesburg Iron Co The, Commercial Trust bldg .....Spruce 2894

Chemical Apparatus, Driers, Digesters, Agitators, Etc.
Wood John Mfg Co, 1225 Hamilton st...Poplar 7638

Chemical Works Equipment.
Wood R D Co, 400 Chestnut.....Lombard 1020

Chemicals.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 35th and Gray's Ferry rd.....Dicknsn 50

Chemicals & Dyestuffs.
Fergusson Alex C, Jr, 468 Chestnut Bell-Lombard 3445
.....Keystone-Main 885

Chimney Builders (Radial Brick).
Bergen & Lindeman Inc, Drexel bldg....Lombard 3564

Chimney Builders Radial Brick & Concrete.
Rust Engineering Co The, Pennsylvania bldg.Locust 2880

Cigars, Mnfrs.
Portuondo Juan F Cigar Mnfg Co The, 1116 Sansom .....Filbert 2474
Roig Antonio & Langsdorf, 315 N 7th.....Market 2490

Circular & Typewritten Letters.
Amweg J M Co The, Real Estate Trust bldg Bell-Filbert 3703
.....Keystone-Race 311
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Clay Working Machinery.
Chambers Bros Co, 52nd and Media.....Belmont 258

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The, Bulletin bldg.....Walnut 3617

Clocks.
American Chime Clock Co, 1659-69 Ruffner Bell-Wyoming 666
.....Keystone-North 118

Coal.
Addy Matthew Company The, Real Estate Trust bldg.....Walnut 741

Coal Crushers.
Pennsylvania Crusher Co, 21 S 12th.....Filbert 2714

Coal Miners.
Emmons Coal Mining Co, Land Title bldg.Locust 76

Cocoanut Oil.
Baker Franklin Co The, N E cor 13th & Market .....Walnut 3204

Cocoanut Oil Products—Refined.
India Refining Co, McKean and Swanson .....Dickinson 1490

Cocoanuts.
Baker Franklin Co The, N E cor 13th & Market .....Walnut 3204

Coffee Mills, Electric.
Enterprise Mfg Co of Pa The, 3d & Dauphin Bell-Kensington 5473
.....Keystone-Park 281

Coke.
Addy Matthew Company The, Real Estate Trust bldg .....Walnut 741

Collars, Cleanable.
Arlington Company, 900 Chestnut.....Walnut 381

Collecting Agencies.
Creditors Protective Association, 1001 Chestnut .....Filbert 2202
Dubree Charles, 1011 Chestnut.....Walnut 2911
Interstate Collection Offices, (Maurice W Beckhardt, Mgr), Lincoln bldg.....Walnut 2614
Masters & Weber Inc, 1001 Chestnut.....Walnut 1317
Mercantile Protective Association, 1118-20 Chestnut .....Walnut 2735
Mill Edmund S, 1011 Chestnut.....Walnut 2612
Shriver Bartlett & Co, Broad & South, Penn Sq.....Bell-Filbert 3168
.....Keystone-Race 2426

Color Manufacturers.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 35th and Gray's Ferry rd.....Dicknsn 50

Columns—Cast Iron, Building.
United States Cast Iron Pipe & Foundry Co, 1421 Chestnut .....Spruce 1000
Wood R D Co, 400 Chestnut.....Lombard 1020

Concrete Anchors.
Richmond Screw Anchor Co (Giles & Ransome), Commonwealth bldg .....Walnut 1964

Concrete Construction.
Raymond Concrete Pile Co, Finance bldg..Spruce 2533

Concrete Form Ties for Concrete.
Richmond Screw Anchor Co (Giles & Ransome), (Tyscru), Commonwealth bldg.....Walnut 1964

Concrete Mixers.
Archer Iron Works, (Watson Paxson Beckett Co, Agts) 200 N 15th.....Spruce 4196
Chain Belt Company (Edelen & Co) Commercial Trust bldg .....Spruce 3685
Koehring Machine Company (Lee T Ward Co) Commercial Trust bldg .....Spruce 5149
Lansing-Company N American and Willow .....Bell-Market 1822
.....Keystone-Main 2320

Concrete Piles.
MacArthur Concrete Pile and Foundation Company, Stock Exchange bldg.....Spruce 5492
Raymond Concrete Pile Co, Finance bldg..Spruce 2533

Concrete Re-Inforcing Bars & Mesh.
Corrugated Bar Co, Transportation bldg..Spruce 5747

Confectioners' Machinery & Tools.
Mills Thos & Bro Inc, (Bakers and Ice Cream Supplies etc), 1301-11 N 8th Bell-Kensington 5200
Keystone-Park 214

Containers, Corrugated & Fibre.
Chicago Mill & Lumber Co, (H T Powers Mgr), Widener bldg.....Walnut 4047

Contractors—Electrical.
Whalen-Crosby Electric Co Inc, 140 N 11th Bell-Walnut 2963
.....Keystone-Race 20

Contractor's Equipment & Mach'y (New & Second Hand)
Seyfert's L F Sons Inc, 437 N 3d...Bell-Market 2966
.....Keystone-Main 1487

Contractors Equipments, Bought and Sold.
Hitner's Henry A Sons Co, Aramingo av & Huntingdon .....Kensington 5434

Contractors Supplies.
Shannon Jacob J & Co, 1744 Market.....Spruce 1744
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Conveying Machinery.
Beaumont R H Co Inc, Drexel bldg.....Lombard 1310

Coppersmiths.
Marquette Coppersmithing Co, 3 Christian .....Lombard 1217

Corporate Financing.
Brooks P W & Co Inc, N Stock Exch bldg.Spruce 4340

Costumers.
Van Horn & Son (Costumes for Plays, Operas, Pageants, Photoplays Shipped on rental basis anywhere in US. Largest, oldest firm, established 1852) 921 Walnut.....Walnut 4112

Cotton Goods—Commission Merchants.
Cassard Miron S & Co (Jos Charlestein), 1030 S 10th.....Main 5588-D

Cotton & Woolen Waste.
Devlin Charles & Sons, Inc (Waste of any known description), 3219 Kensington av ..... Bell-Kensington 3212 Keystone-East 216
Hagy J Milton Waste Wks The, 836 Swanson ..... Bell-Lombard 677 Keystone-Main 1448

Counting Scales.
National Scale Co, Pennsylvania bldg.... Spruce 973
Box Alfred & Co, Front & Poplar sts ..... Bell-Market 681 Keystone-Park 339

Couplings (Flexible Shaft).
Bond Charles Co, 520 Arch..... Market 3249

Cranes (Electric).
Shepard Electric Crane & Hoist Co, Bulletin bldg ..... Walnut 4659
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Crushing & Pulverizing Machinery.
Pennsylvania Crusher Co, 21 S 12th..... Filbert 2714

Culverts—Cast Iron.
United States Cast Iron Pipe & Foundry Co, 1421 Chestnut st..... Spruce 1000
Wood R D Co, 400 Chestnut st..... Lombard 1020

Curb Guards.
Clip Bar Mfg Co, 26th & Pennsylvania av ..... Bell-Poplar 4635 Keystone-Race 1514

Dental Advertising Expert—Domestic & Foreign.
Hynson Geo B (Specialized 12 years in this line), 210 S 7th..... Bell-Walnut 444 Keystone-Main 4004

Dental Instruments.
Penn Surgical Mfg Co Inc, 1407-09 N 8th..... Bell-Kensington 634 Keystone-Park 5083-A

Dental Instruments, and Cleaning Brush Mfrs.
Union Dental Inst Mfg Co, 831-35 Cherry ..... Bell-Walnut 3071 Keystone-Main 1552

Dental Instrs., Laboratory Brushes, Disks & Splctes.
Star Dental Mfg Co, 535 Arch..... Bell-Market 1611 Keystone-Main 5637-A

Dental Supplies, Mfgs. Ready Made Crowns.
Lincoln Dental Mfg Co, 1215 Filbert..... Walnut 411

Derricks, Hoists & Winches Blocks & Rope.
Shannon J Jacob & Co, 1744 Market..... Spruce 1744
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Detective Agencies.
Bauer Detective Service (Reliable Personal Criminal & Commercial Investigations), 908 Walnut st..... Walnut 4294 Diamond 5159-W
Burns Wm J, International Detective Agency, The Inc, Widener bldg..... Walnut 5040
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Elliott Detective Agency, 1414 S Penn Square ..... Bell-Spruce 1672 Night-Poplar 1970
Craver's Bureau of Secret Service Real Estate Trust bldg..... Walnut 375
Long's Detective Agency, Real Estate Trust bldg ..... Walnut 2509
Sherman Detective Agency Inc, Commonwealth bldg ..... Walnut 1267
Standard Detective Bureau, 1529 Chestnut. Spruce 4609
Tate's Detective Bureau, 29 N 13th ..... Bell-Filbert 2277 Keystone-Race 5858-A
Taylor National Det Agency (J B Taylor, Former Supt of Police, Member International Assn, Member National Bureau Criminal Identification), 1414 S Penn Square..... Spruce 4259

Dictaphones.
Columbia Graphophone Co, 210 North Broad ..... Spruce 2575

Die Heads (Self opening and Adjustable).
Geometric Tool Co The (Vandyck Churchill Co, Rep), Widener bldg ..... Bell-Walnut 2957 Keystone-Main 3540

Dies—Cutting.
Phila Consolidated Die Co The, 330 Race..Market 2109

Directory Publishers.
Donnelley Reuben H Corp The (Publishers Classified Telephone Directories), Commonwealth Trust bldg ..... Walnut 211

Disinfectants & Insecticides.
Victory Chemical Co (Quick Death), 312 N 15th ..... Spruce 3605

Display Fixtures.
Bookler S Figure Co The, 829 Market ..... Bell-Market 4107 Keystone Main 1724
Strauss Wm, 416 Arch ..... Bell-Market 731 Keystone-Main 3567

Display Fixtures & Forms.
Melzer S M Co, 915 Filbert ..... Bell-Walnut 4267 Keystone-Race 3476

Distributors of Mdse. and Advertising Matter.
National Delivery Service Co (Samuel J Hanick, Mgr), (Our Service Delivers anything anywhere in U S. Write us for rates), 12th & Locust ..... Filbert 3872

Docks—Builders.
Raymond Concrete Pile Co, Finance bldg..Spruce 2533

Dredging.
American Dredging Co, 308 Chestnut...Lombard 4243

Drug Importers & Exporters.
Lathrop H R & Co Inc (Manufacturers Sales Co), Bulletin bldg..Keystone-Race 2941 Bell-Walnut 5826

Druggists Brushes, Mfrs.
Eagle Brush Mfg Co (Pat'd Thorobrush), 218 N 4th..... Market 1797

Drugs, Pharmaceuticals & Chemicals.
Breathe-O-Tol Co "Inhalers", 1309 Arch..Spruce 5075

Dyes.
A H Y Color & Chemical Co Inc, 44 N 4th. Market 4672

Dynamos & Motors.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Education.
Alexander Hamilton Institute, Bulletin bldg ..... Walnut 5608
See our Catalog Space, page 927

Elastic Hosiery.
Fuller Geo R Co, 1233 Arch ..... Locust 4078
Philadelphia Orthopedic Co, 49 N 13th...Walnut 294

Electric Drill Repairing.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Dynamos & Motors.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Fan Repairing.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Fixtures.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Generators.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Instruments Testing.
Thomas Levering Co, 325 Arch ..... Bell Market 4741 Keystone Main 3754

Electric Lighting Fixtures.
Brascolite (The Philadelphia Electric Co Supply Department, Distributors), 132 S 11th. Walnut 4700
See our Catalog Space, page 968

Electric Lighting Fixtures for all Purposes.
Brascolite (Frank H Stewart Electric Co, Distributors), 37 N 7th..... Market 1874
See our Catalog Space, page 968

Electric Motor Repairing.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Motors (New and Used).
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electric Motors & Dynamos New & Used.
Toomey Frank Inc, 127-31 N 3d..... Market 261

Electric Motors & Generators (New & Used).
Seyfert's L F Sons Inc, 437 N 3d.... Bell-Market 2966 Keystone-Main 1487

Electric Starters—Repaired.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Construction and Installation.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Contractors.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Equipment & Specits for Central Stations.
Electrical Development & Machine Company (The Philadelphia Electric Company Supply Dept—Sole selling agents "Franklin"), 132 S Eleventh..... Bell-Walnut 2605 Keystone-Main 100

Electrical Machinery—New.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Machinery—Second Hand.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Mnfrs.
Clay Electric Co (Expert Punch & Die Makers) 3437 York rd..... Tioga 4280

Electrical Repairs—Armature & Field Coil Winding.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Electrical Supplies, Jobbers & Retailers.
Central Elec & Lock Co, 12 N 13th. Bell-Filbert 5152 Keystone-Race 5547-D
Philadelphia Electric Company Supply Dept The, 132 S Eleventh.... Bell-Walnut 2605 Keystone-Main 100
Rumsey Electric Co, 1231 Arch ..... Bell-Spruce 1516 Keystone-Race 2130
Schimmel Electric Supply Co, 318 Market ..... Bell-Lombard 452 Keystone-Main 4250
Stewart Frank H Electric Co, 37-39 N 7th ..... Bell-Market 1874 Keystone-Main 181

Electrical Switches & Steel Cabinet Mnfrs.
Large-Dail Mfg Co, 606 Cherry ..... Bell-Market 2547 Keystone-Main 3106

Electrical Wires & Cables.
Harris S A & Co, 119 S 4th..... Lombard 2622

PHILADELPHIA—cont'd

Elevating Trucks.
Lewis-Shepard Company (T Lynch Hubbard Agt), Hale bldg.....Walnut 5361

Emery Cloth, Sand Paper & Garnet Paper.
United States Sand Paper Co (Leonard R Winters, Representative), Widener bldg.Walnut 3741

Emery Wheels.
Pennsylvania Grinding Wheel Co The, Wayne av and Berkley.....Wyoming 2913

Enamel.
Harrison Works (Owned and Operated by E I Du Pont de Nemours The) 35th and Gray's Ferry rd .....Dicknsn 50

Enameling and Japanning of Every Description.
Quaker City Japanning & Enameling Co, 916 Cherry .....Walnut 5356

Engines, Boilers & Machinery.
Toomey Frank Inc, 127-31 N 3d.....Market 261

Engines, Boilers & Machinery (New & Second Hand).
Seyfert's L F Sons Inc, 437 N 3d Bell-Market 2966
.....Keystone-Main 1487

Engines—Land and Marine.
Badenhausen Co, 1425 Chestnut.....Locust 2810

Engravers.
Chestnut Street Engraving Co The, Bell-Walnut 3413
Inc, 702 Chestnut .....Keystone-Main 3189
See our Catalog Space, page 948

Engravers—Brass & Steel Dies & Stamps.
Photo-Chromotype Engraving Co, 920 Bell-Filbert 2365
Race .....Keystone-Race 2600

Engravers Photo.
Photo Chromotype Engraving Co, 920 Bell-Filbert 2365
Race .....Keystone-Race 2600

Engravers—Photo & Color.
Gatchel & Manning, 537 Chestnut Bell-Lombard 1700
.....Keystone-Main 1816

Engrossing, Designing and Illuminating.
Howe Engrossing Studio, 1420 Chestnut...Spruce 3723

Envelopes.
Whiting-Patterson Co (Envelopes of every description Paper dealers), 314- Bell-Locust 546
322 N. 13th st.....Keystone-Race 3567

Excavator Mfrs. Slack Cable.
Cable Excavator Co The (Excavators, also screening and crushing plants for all requirements Capacities ranging from 100 to 5,000 tons per day), Commercial Trust bldg
.....Keystone-Race 2975

Excelsior.
Philadelphia Excelsior Co 716 N 3rd ....Market 446

Executive Training.
Alexander Hamilton Institute, Bulletin bldg Walnut 5608
See our Catalog Space, page 927

Factory First Aid Equipment.
Bernstein Mfg Co, 3rd & Allegheney
av .....Kensington 680

Factory Supplies & Signalling Apparatus.
National Scale Co, Pennsylvania bldg.....Spruce 973

Fan Belts.
Bond Charles Co (Fabritex), 520 Arch...Market 3249

Fans, Blowers & Exhausters Mfrs.
Ilg Electric Ventilating Co, Commercial Trust bldg .....Spruce 2099

Fans & Blowers M'F'D' and Installed.
Raub C H, Wayne av & Berkley st Bell-Wyoming 1328
.....Keystone-North 93

Fans, Electric Exhaust and Blowers.
Diehl Mfg Co 1805 Race .....Spruce 1520

Fans and Dust Collectors.
Allington & Curtis Mfg Co The, 210 S 11th.Walnut 2765

Fashion Plates and Sample Books.
U S Fashion and Sample Book Co 10th and Diamond .....Diamond 4908

Fences, Iron and Wire, Also Chain Link Netting.
Anchor Post Iron Works Real Estate Trust Co bldg Broad and Chestnut .....Walnut 4633

Fences—Wire and Iron.
Cyclone Fence Company, Stock Exchange bldg .....Locust 3434
See our Catalog Space, page 953

Fibre.
American Vulcanized Fibre Co, Widener bldg,
.....Walnut 1411

Fibre Containers.
American Can Co, Allen, Palmer & Beach sts .....Kensgtn 871

Files.
McCaffrey File Co (Mechanics Swiss Pattern, Jewelers, Automobile Coil), 5th & Berks.....Bell-Kensington 2333 Keystone-Park 216

Filing Cabinets.
Amberg File & Index Co, Widener bldg...Walnut 4674

Filing Cabinets, Steel and Wood.
Trout Direct Filing Co, 825 Chestnut Bell-Walnut 7460
st .....Keystone-Race 2521
See our Catalog Space, page 954

Filters, Water.
Loomis-Manning Filter Distributing Co, Main Office 1421-55 South 37th.Dickinson 1152

Fire Apparatus.
Clay John H, (Engine House Door Equipment) 1320 Ridge av.....Poplar 5274

Fire Brick, Silica, Magnesite and Chrome.
Harbison-Walker Refractories Co Morris bldg
.....Spruce 4794

Fire Equipment.
Wirt & Knox Mfg Co, 23d & York Bell-Diamond 4869
.....Keystone-Park 830

Fire Escapes.
Tierney J P, 269 S 4th.....Lombard 3115

Fire Escapes, Rope & Cable.
Rope Fire Escape Co, (Largest Stock in the East Sold as low as $3.00)
1602 Market .....Spruce 4955
Tierney J P, 269 S 4th.....Lombard 3115

Fire Extinguishers.
Castle Jas M Inc (The Fyr-Fyter Co),
Lincoln bldg .....Filbert 4512

Fire Gongs, Mechanical & Electrical.
Rope Fire Escape Co, 1602 Market.....Spruce 4955
Tierney J P, 269 S 4th.....Lombard 3115

Fire Proof Doors & Windows.
Reliance Fireproof Door Co, (F J Wilson Co) Land Title bldg.....Locust 2313

Fireproof Building Materials.
General Fireproofing Co The, Penn- Bell-Spruce 1073
sylvania bldg .....Keystone-Race 2874

Fittings—Cast Iron, B & S Flange, Flexible Joint.
United States Cast Iron Pipe Foundry Co,
1421 Chestnut st.....Spruce 1000
Wood R D Co. 400 Chestnut st.....Lombard 1020

Flags.
Fink Louis Sons, 56 N 7th.....Market 2406

Flags & Banners (Mfrs.)
Stilz Louis E & Bro Co, 151-55 N Fourth.Market 3873

Flags, Banners & Pennants.
Humphrys D C Co, 909 Filbert st....Bell-Walnut 510
.....Keystone-Race 3528
Kenney Co The, 1314 Arch.....Walnut 4018
Philadelphia Badge Co, 942 Market.....Filbert 3976

Flags of Every Description.
Lindh Charles E Inc 9th & Spring Garden.Poplar 5091

Flooring (Composition) Sanitary, Fireproof.
Marbleloid Company The, Pennsylvania bldg, 15th & Chestnut.....Spruce 973

Folders & Guides for Filing Cabinets.
Trout Direct Filing Co, 825 Bell-Walnut 7460
Chestnut st .....Keystone-Race 2521
See our Catalog Space, page 954

Foreign Freight Forwarders.
Andrews D C & Co Inc, Drexel bldg.....Lombard 1370

Forgings.
Schuylkill Forge Co, Luzerne and Third.....Tioga 2421

Forwarding Agents, Freight & Custom Brokers.
Koons, Wilson & Co, Drexel bldg Bell-Lombard 402
.....Keystone-Main 3165

Foundry Chaplets.
Philadelphia Chaplet & Mfg Co The, Bell-Manyunk 1160
School Lane and Ridge av....Keystone-North 124

Foundry Facings, Supplies & Equipment.
Paxson J W Co, 1021 N Delaware Bell-Market 4111
av Pier 45 North.....Keystone-East 200

Freight, Foreign Contractors & Forwdrs, Custom Brokers.
Faunce John H, Drexel bldg Bell-Lombard L D 772
.....Keystone-Main 4620

Friction Clutches.
Diamond Textile Machine Works, 1820
N 10th .....Diamond 30

Galvanized Bars.
Nicetown Plate Washer Co, Juniata
& Clarissa .....Wyoming 540

Garages, Portable Galvanized Steel or Stucco.
Moister M & Co, 3931 N 5th.....Tioga 2984

Garages, Portable Steel.
Pruden C D Co The, (F H Whiteman)
140 N 6th .....Market 2464
See our Catalog Space, page 926

Garnet Paper, Sand Paper & Emery Cloth.
United States Sand Paper Co (Leonard R Winters, Rep) Widener bldg ..... Walnut 3741

Gas House Equipment.
Wood, R D Co, 400 Chestnut st ..... Lombard 1020

Gaskets.
Gasket Supply Co, 1729 Ludlow ..... Spruce 2280
See our Catalog Space, page 957

Gaskets—Cylinder Head. Boiler & Hand Hole.
"Double Service" Packing Co ("DS" Government Gasket, Blowproof, Safe, Economical) 246 Chestnut ..... Lombard 4997

Gasoline.
Union Petroleum Co, Widener bldg ..... Walnut 4660

Gears.
Bilgram Machine Works The, 1227 Spring Garden ..... Bell-Poplar 1511 Keystone-Race 3056
Philadelphia Gear Wks, 1120-28 Vine st ..... Bell-Walnut 3263 Keystone-Race 4316

Gears Bevel.
Bilgram Machine Works The, 1227 Spring Garden ..... Bell-Poplar 1511 Keystone-Race 3056

Generators & Dynamos Direct & Alternating Current.
Diehl Mfg Co, 1305 Race ..... Spruce 1520

Glass Wire.
Pennsylvania Wire Glass Co, cor 15th and Chestnut ..... Spruce 4487

Glue (Casein).
Rosin & Co, 611 Sansom ..... Walnut 387

Greases.
Union Petroleum Company, Widener bldg. Walnut 4660

Grinding Machines (Chaser or Die).
Goemetric Tool Co The (Vaudyck Churchill Co, Rep) Widener bldg Bell-Walnut 2957 Keystone-Main 3540

Grinding Mills & Grinding Machinery.
Straub A W Co The (Grind Corn, Cocoa Beans, Wheat, Salt, Peanuts, Drugs, Wet, oily products and dry materials. Hand or Power Drive 3737-41 Filbert ..... Keystone-West 4483-A

Grinding Wheels.
Pennsylvania Grinding Wheel Co The, Wayne av and Berkley ..... Wyoming 2913

Hair Curlers.
West Electric Hair Curler Co, Columbia av and Hancock ..... Bell-Kensington 1414 Keystone-Park 624

Handwriting & Document Experts.
Melcher Webster A, 21 S 12th ..... Filbert 4408

Hangers (Shaft).
Bond Charles Co, 520 Arch ..... Market 3249

Heating Materials (All kinds).
American Tin & Terne Plate Co, 24th and Vine ..... Locust 165

Hides, Goat and Sheepskin, Foreign.
Clark W T, Bourse bldg ..... Lombard 1499

Hides and Skins.
Stern Jacob & Sons, 428 N 3d ..... Market 741

Hoists (Electric).
Shepard Electric Crane & Hoist Co, Bulletin bldg ..... Walnut 4659
See our Catalog Space, pages 937 & 959

Hose Carts.
Wirt & Knox Mfg Co, 23d & York ..... Bell-Diamond 4869 Keystone-Park 830

Hose Reels & Racks.
Wirt & Knox Mfg Co, 23d & York ..... Bell-Diamond 4869 Keystone-Park 830

Hosiery Mnfrs.
Armat Knitting Mills, 52-82 Armat. Germantown 1290

Hotels.
Windsor Hotel, 1217-1227 Filbert ..... Bell-Walnut 2395 Keystone-Race 348

Hydraulic Machinery, Presses & Tools.
Wood R D Co, 400 Chestnut st ..... Lombard 1020

Hydrogen.
Burdett Oxygen Co, Witherspoon bldg ..... Walnut 462

Ice and Refrigerating Machine Mfrs.
Carbondale Machine Co The, Harrison bldg. Spruce 2927

Ice and Refrigerating Machine and Plants.
De La Vergne Machine Co, Commercial Trust bldg ..... Bell-Locust 402 Keystone-Race 1723
Vilter Mfg Co The (W E Hexamer), 932 Chestnut ..... Walnut 6747

Industrial Process Timing Devices.
Graves Timing Device So, 2630 Parkway. Poplar 3764
See our Catalog Space, page 1016

Ingots, Bronze Phosphor.
Phosphor Bronze Smelting Co The, 2200 Washington av ..... Dickinson 870
See our Catalog Space, page 929

Ingots—Heavy Open Hearth Forging.
Sweets Steel Co, Land Title bldg ..... Locust 147

Inks, Marking & Stenciling.
Decker Geo C, 15-17 S Third ..... Lombard 140
Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Garvey's Inks & Brushes (W H Alexander) The Bourse ..... Bell-Lombard 490 Keystone-Main 75
Ideal Stencil Machine The (W H Alexander) The Bourse ..... Lombard 490
See our Catalog Space, page 1010

Inks & Mucilage.
Diamond John & Sons, 470 N 3rd ..... Market 2155

Insecticides & Disinfectants.
Victory Chemical Co (Quick Death) 312 N 15th ..... Spruce 3605

Insurance Companies—Life.
Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

Insurance—Corporation and Firm.
Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

Insurance Co's Income, Disability Inheritance.
Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

Insurance Sur-Tax.
Philadelphia Life Insurance Co, 111 N Broad ..... Spruce 1861
See our Catalog Space, page 962

Investment Bankers.
Brooks P W & Co Inc, N Stock Exc bldg. Spruce 4340

Iron Fences, Railings, Gates, etc.
Anchor Post Iron Works Real Estate Trust Co bldg Broad and Chestnut ..... Walnut 4633

Iron & Steel.
Commercial Iron & Steel Corp, 1109 Real Estate Trust bldg ..... Filbert 3210
Federal Tool & Alloyed Steel Corporation (R M Bailey Co) Commercial Trust bldg ..... Spruce 566

Iron & Steel Bars.
Nicetown Plate Washer Co, Juniata & Clarrissa ..... Wyoming 540

Iron & Steel Scrap.
Dreifus Emanuel & Co Inc, Commercial Trust bldg ..... Spruce 2330

Ivory Substitutes.
Arlington Company (Ivory Py-ra-lin), 900 Chestnut ..... Walnut 381

Japanning & Enameling of every description.
Quaker City Japanning & Enameling, 916 Cherry ..... Walnut 5356

Labels.
Herold Press The, 15th & Wallace ..... Poplar 2245

Labels (Druggists).
Heston David & Sons, 1525 Orthodox ..... Frankford 216

Labels, Gummed.
Fenton Label Co Inc (Makers of Gummed Labels and Advertising Stickers. The Largest & best equipped plant of its kind in the world), 9th & Thompson ..... Poplar 4895

Labels, Gummed, Embossed Metal.
Fleischhauer H J, 70 and 72 N 4th ..... Market 3792

Labels & Stickers.
Fenton Label Co Inc (Makers of Gummed Labels and Advertising Stickers. The Largest & best equipped plant of its kind in the world), 9th & Thompson ..... Poplar 4895
Saile Label Co, 1219-21 N 26th ..... Poplar 2605-W

Laundry Blues.
Diamond John & Sons, 470 N 3d ..... Market 2155

Lawn Mower Mfrs.
Philadelphia Lawn Mower Co The (Original Makers of Lawn Mowers est 1869) 31st and Chestnut ..... Preston 2430

Lawyers.
Patterson & Magaziner, Bailey bldg 1218 Chestnut ..... Walnut 5139

Leather Belting.
Alexander Bros, 414 N 3rd ..... Bell-Market 2783 Keystone-Main 4196
Alexander Bros Leather Belting, (Fifer & Beatty), Front & Lehigh av ..... Kensington 1676
Alexander Bros Leather Belting, (Sees & Faber), 2008 N Front st ..... Kensington 5140
Etsweiler Wm & Co, 230 N 3d ..... Bell-Market 458 Keystone-Main 209

Leather Goods (Fancy).
Rumpp C F & Sons Inc 5th & Cherry ..... Bell-Market 2182 Keystone-Main 994

Leather Substitutes, Imitation, Artificial.
Endura Mfg Co, 63rd & Eastwick av ..... Woodland 630

Lighting.
National X-Ray Reflector Co (Brown White Inc Resident Engineers), Colonial Trust Co bldg ..... Walnut 6426

PHILADELPHIA—cont'd

Lighting Fixture Mnfrs. (All Kinds).
Luminous Unit Co (Brascolite) Land Title bldg ..... Bell-Spruce 5157 Keystone-Race 3471
See our Catalog Space, page 968

Lighting Fixtures Electric for all Purposes.
Brascolite (Frank H Stewart Electric Co, Distributors), 37 N 7th ..... Market 1874
See our Catalog Space, page 968

Link-belting.
Moline Malleable Iron Co, 1357 Ridge av ... Poplar 589

Linoleum Machinery.
Rich J & G Co, 120-122 N Sixth ..... Market 2961

Lithographers.
Ketterlinus Lithographic Mfg Co, 4th and Arch ..... Market 1623

Lithopone.
Beckton Chemical Company, 35th and Gray's Ferry rd ..... Dicknsn 50
Chemical Pigments Corp The, Stock Exc bldg ..... Spruce 5187
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co, 35th st and Grays Ferry Road ..... Dickenson 50
Mantua Chemical Company, 35th and Gray's Ferry rd ..... Dicknsn 50

Lockers (Steel).
Hart & Hutchinson Co The, Real Estate Trust bldg ..... Walnut 944

Lockers & Shelving Steel.
Bernstein Mfg Co, 3rd and Allegheney av Kensington 680

Machine Tools New & 2nd Hand.
Toomey Frank Inc, 127-31 N 3d ..... Market 261

Machinery.
American Machinery Co Inc (Potato Peelers, Automatic Scales for all purposes. Carton Sealers, Fibre Container Sealers), cor 12th & Callowhill sts ..... Locust 3892
Diamond Textile Machine Works, (Textile, Felt Bedding and Mattress Machinery) 1820 N 10th ..... Diamond 30

Machinery (New & Second Hand).
Eastern Machinery & Equipment Co Inc, Commercial Trust bldg ... Bell-Spruce 4384 Keystone-Race 1119
Seyfert's L F Sons Inc, 437 N 3rd .... Bell-Market 2966 Keystone-Main 1487
Sun Power Equipment Co, 417 Commercial Trust bldg ..... Bell-Spruce 1916 Keystone-Race 2237
Toomey Frank Inc, 127-31 N 3d ..... Market 261

Machinery Balancing Laboratory Static & Dynamic
Akimoff N W, Harrison bldg ..... Spruce 2489

Machinery—Electrical.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Machinery Safety Guards.
Raub C H, Wayne av & Berkley st ..... Bell-Wyoming 1328 Keystone-North 93

Machinery, Used.
Lewis Ralph R Co, Commercial Trust bldg ..... Bell-Spruce 3392 Keystone-Race 1249

Machinery—Used equipment every variety.
Nuttall J, 1744-46-48-50 N 5th .... Bell-Diamond 7661 Keystone-Park 291

Machinists.
Rich J & G Co, 120-122 N Sixth ..... Market 2961

Mailing Lists.
Howe Addressing & Printing Co (Write for Catalogue showing guarantee), 704 Chestnut ..... Walnut 5170

Manganese Bronze Products.
American Manganese Bronze Co, Rhawn & Hegerman, Holmesburg ..... Holmesburg 600

Manifold Books.
General Manifold & Printing Co (Sheets Carbonized. No Loose Carbons), Bourse bldg. Lombard 3601

Map Publishers.
Smith Elvino V, 512-14 Walnut ..... Lombard 312

Meat Choppers, Electric.
Enterprise Mfg Co of Pa The, 3rd & Dauphin ..... Bell-Kensington 5473 Keystone-Park 281

Meat & Provision Packers.
Vogt F G & Sons Inc, 30th and Race ..... Bell-Preston 4913 Keystone-West 475

Medical Publishers.
Davis F A Co, 1914 Cherry ..... Bell-Locust 1024 Keystone-Race 873

Mercantile Agencies.
Mutual Mercantile Agency, Lincoln bldg .. Walnut 503

Metal Stamping.
Clay Electric Co, (Expert Punch & Die Makers), 3437 York rd ..... Tioga 4280

Meters.
Simplex Valve & Meter Co, (Venture, Pitot Tube, V Notch etc), 625 Wood ..... Market 3727

Mica Mfrs. Miners & Importers.
International Mica Co (Mica Supplied for all purposes. Samples and quotations promptly forwarded upon request) 1228 Filbert ... Walnut 2069

Milling Tools (Adjustable Hollow).
Geometric Tool Co The (Vandyck Churchill Co, Rep), Widener bldg ..... Bell-Walnut 2957 Keystone-Main 3540

Mills, Bone, Shell, & Corn.
Enterprise Mfg Co of Pa The, 3rd & Dauphin ..... Bell-Kensington 5473 Keystone-Park 281

Monuments.
Harrison Granite Co (H Lawson), 4927 Osage ..... Woodld 3094-J
See Advertisement on Inside Back Cover

Monuments & Mausoleums.
Harrison Granite Co (H Lawson), 4927 Osage ..... Woodld 3094-J
See our Advertisement Inside Back Cover

Motor Trucks.
Autocar Sales & Service Co The, 23d & Market ..... Bell-Locust 256 Keystone-Race 3190

Motors, Electric, Direct and Alternating Current.
Diehl Mfg Co 1305 Race ..... Spruce 1520

Moving, Packing, Shipping & Storage of Household Goods.
Atlas Storage Warehouse, Market & 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

Multigraph Machine Attachments (Patented).
O K Multigraph Co (Underscore for Single Spaced Letters Vertical Rules. Even Print Magnifype Glass), Lincoln bld ..... Bell-Filbert 4442 Keystone-Race 765

Multigraphing.
Amweg J M Co The, Real Estate Trust bldg ..... Bell-Filbert 3703 Keystone-Race 311
See our Catalog Space, page 906

Multigraphing Letters.
Rightquick Publicity & Addressing Bureau The, 1314 Arch ..... Walnut 3826

Multigraphing Machines.
Baum Office Specialty Co, 33 S Broad ... Walnut 3268

Music Roll Tubes.
Consolidated Paper Tube Co, 810 Sansom ..... Bell-Filbert 4254 Keystone-Main 1691

Name Plates—Embossed, Plated & Enamel Finish.
Stanley Manufacturing Co The, Parkway bldg ..... Spruce 3268

Name Plates, Etched, Stamped & Embossed.
Crowe Name Plate & Engraving Co, (Charles Sander Agt), 1631 Willington. Poplar 466

Nautical Instruments.
Hand John E & Sons Co, 208 Chestnut .. Lombard 3773

Neckwear Mfrs., Tubular Four in Hands & Knit Ties.
Seidmann's D Sons, 232-34 N 2nd ..... Market 1189

Nurseries.
Andorra Nurseries (Wm Warner Harper prop) City Line and Wissahickon dr, Chestnut Hill ..... Chestnut Hill 940

Office Efficiency Devices.
Graves Timing Device Co (The Phonometer ($5) prevents overcharges), 2630 Parkway. ..... Poplar 3764
See our Catalog Space, page 1016

Office Equipment.
Monroe Calculating Machine Co, New Stock Exchange bldg ..... Spruce 457
See our Catalog Space, page 905

Office Furniture, Steel and Wood Filing Cabinets.
Trout Direct Filing Co, 825 Chestnut st ..... Bell-Walnut 7460 Keystone-Race 2521
See our Catalog Space, page 954

Oil Cloth Machinery.
Rich J & G Co, 120-122 N Sixth ..... Market 2961

Oil Engines—Marine and Stationary.
De La Vergne Machine Co, Commercial Trust bldg ..... Bell-Locust 402 Keystone-Race 1723

Oils.
Union Petroleum Company, Widener bldg .. Walnut 4660

Organ Builders.
Estey Organ Company, 17th & Walnut .... Spruce 4367
Estey Organ Company (G S Boyer), 5829 Cedar av ..... Woodland 3981-W

Oxy-Acetylene Apparatus.
Burdett Oxygen Co, Witherspoon bldg .... Walnut 462
Davis-Bournonville Co, N Stock Ex bldg .. Spruce 693
See our Catalog Space, page 1023

Oxy-Hydrogen Apparatus.
Burdett Oxygen Co, Witherspoon bldg .... Walnut 462

Oxygen.
Burdett Oxygen Co, Witherspoon bldg .... Walnut 462

Oxygen & Hydrogen Generating Plants.
Burdett Oxygen Co, Witherspoon bldg .... Walnut 462

Packing.
Gasket Supply Co, 1729 Ludlow ..... Spruce 2280
See our Catalog Space, page 957

Packing (Rubber, Asbestos) Hemp, Etc.
Montgomery Bros Inc, (Combinations for Steam & Water Pressure), 45 S Second .... Lombard 1500

Packing—Asbestos, Rubber, Steam, Etc.
"Double Service" Packing Co ("DS" Patent Sheet & Hydraulic Packing), 246 Chestnut.Lombard 4997

Packing Pads.
Philadelphia Excelsior Co, 716 N 3d.....Market 446

Packing, Rod, Sheet & Hydraulic.
Endura Mfg Co, (For Oils, Alkalies & Benzol Products), 68rd & Eastwick av.....Woodland 630

Packing, Shipping, Moving & Storage of Household Goods.
Atlas Storage Warehouse, Market & 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

Paint, Varnish and Waterproofing Compounds.
Imperial Paint Co 1526 Sansom .....Spruce 5264

Painters, Buildings Mills, Structural, Iron, etc.
Tierney J P, 269 S 4th.....Lombard 3115

Paints.
Harrison Works (Owned & Operated by E I DuPont de Nemours & Co), 35th and Gray's Ferry rd.....Dicksn 50
Phoenix Paint & Varnish Co, 124 Market ..... Bell-Lombard 560 Keystone-Main 915

Paints (Mfrs).
Nice Eugene E, 268-74 S 2d ..... Bell-Lombard 1877 Keystone-Main 4577

Paints, Varnish & Enamel Mfrs.
Denny, Hilborn & Rosenbach, 230-34 N 12th ..... Bell-Locust 4240 Keystone-Race 830

Paper (also Cardboard).
Penn Card & Paper Co Inc, 20 N 6th st ..... Bell-Market 1972 Keystone-Main 4435

Paper (Dealers).
Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918 .....Keystone-Main 1691
Megargee-Hare Paper Co, 12 South 6th ..... Bell-Market 1711 Keystone-Main 4100
See our Catalog Space, page 991
Seaman Paper Co, Land Title bldg.....Spruce 941
See our Catalog Space, page 990
Whiting Patterson Co (Paper for every purpose Envelope Mnfrs), 314-322 N 13th ..... Bell-Locust 546 Keystone-Race 3567

Paper (Manufacturers).
Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918 .....Keystone-Main 1691
Seaman Paper Co, Land Title bldg.....Spruce 941
See our Catalog Space, page 990

Paper Baling Presses.
Garrett Sylvester S & Co, 259 South Third .....Lombard 3226

Paper Folding Machines.
Chambers Bros Co, 52nd and Media.....Belmont 258

Paper Stencil, Plain & Oiled.
Decker Geo C, 15-17 S Third.....Lombard 140

Paper-Tracings.
Texim Company Inc, 908 Chestnut...Bell-Walnut 3732 .....Keystone-Main 3420

Paper Tube (Mnfrs.)
Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918 .....Keystone-Main 1691
Consolidated Paper Tube Co, 810 Sansom ..... Bell-Filbert 4254 Keystone-Main 1691

Paper Twine Mnfrs.
Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918 .....Keystone-Main 1691

Paste Mnfrs.
Continental Mfg Co The Inc, 4615 Girard av .....Belmont 3562

Patent Attorneys.
Potts Joshua R H, 929 Chestnut.....Walnut 630

Patent Attorneys & Mechanical Experts.
Freeman J Stuart (Investors' Service for Patent Protection), 41 S 15th.....Locust 448

Patents Trademarks & Copyrights.
Evans Victor J & Co, 1429 Chestnut.....Spruce 1535

Patternmakers.
Hunter Thomas J Co, 310-16 N 11th.....Walnut 3791
Philadelphia Pattern & Model Co, (Specialists in Wood & Metal Work), 629-31 Filbert .....Market 3660

Paving Materials.
Waring Underwood Company The, Commercial Trust bldg .....Spruce 3956

Paving Mixers.
Koehring Machine Company (Lee T Ward Co) Commercial Trust bldg.....Spruce 5149

Photo Engravers.
Chestnut Street Engraving Co The Inc, 702 Chestnut ..... Bell-Walnut 3413 Keystone-Main 3189
See our Catalog Space, page 948
Weeks Photo-Engraving Co (Owners & Operators of Weeks Electrical Etching Process Patents Applied for "Deepest Half-Tones in the World"), 923 Sansom.. Bell-Walnut 2065 Keystone-Main 1185

Pig Iron.
Addy Matthews Company The, Real Estate Trust .....Walnut 741

Pigments.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 35th and Gray's Ferry rd .....Dicksn 50

Piles—Concrete.
Raymond Concrete Pile Co, Finance bldg..Spruce 2533

Pipe (Cast Iron, B & S Flange, Flexible Joint).
United States Cast Iron Pipe & Foundry Co, 1421 Chestnut st .....Spruce 1000
Wood R D Co, 400 Chestnut.....Lombard 1020

Pipe (New and 2nd Hand, Bought and Sold).
Hitner's Henry A Sons Co, Aramingo & Huntingdon .....Kensington 5434

Pipe (Valves & Fittings).
American Tin & Terne Plate Co, 24th and Vine .....Locust 165

Pipe Bending & Pipe Coils.
National Valve & Mfg Co (National Supply & Equipment Co, Agts), Bulletin bldg..Walnut 4086

Pipe Headers (Welded).
National Valve & Mfg Co (National Supply & Equipment Co, Agts), Bulletin bldg..Walnut 4086

Piping (Contractors Power).
National Valve & Mfg Co (National Supply & Equipment Co, Agt), Bulletin bldg.Walnut 4086

Plumbers Supplies.
American Tin & Terne Plate Co, 24th and Vine .....Locust 165

Pocket Books.
Rumpp C F & Sons Inc, 5th & Cherry ..... Bell-Market 2182 Keystone-Main 994

Pole Line Hardware Mast, Arms, Brackets, Mnfrs.
Harris S A & Co, 119 S 4th.....Lombard 2622

Polish, Wax Dressing for Furniture and Floors.
Victory Chemical Co, 812 N 15th.....Spruce 3605

Portable Buildings.
Pruden C D Co The (F H Whiteman) 140 N 6th .....Market 2464
See our Catalog Space, page 926

Portable Buildings, Steel or Stucco.
Moister M & Co, 3931 N 5th .....Tioga 2984

Power Plant Equipment—New & Second Hand.
Whalen-Crosby Electric Co Inc, 140 N 11th ..... Bell-Walnut 2963 Keystone-Race 20

Presses, Fruit, Wine & Jelly.
Enterprise Mfg Co of Pa The, 3d & Dauphin ..... Bell-Kensington 5473 Keystone-Park 281

Printers, Pad & Tablet Mfrs.
Williams & Marcus Co, 212 South Darien.Walnut 3155

Printers and Rubber Stamp Mnfrs.
Star Printing & Rubber Stamp Co, 308 S 5th .....Keystone-Main 4908-A

Printing Inks.
Okie F E Company, 127 S Second..Bell-Lombard 3365 .....Keystone-Main 3357

Printing Machinery, Type and Supplies.
American Type Founders Co, 17-19 South 6th .....Lombard 378
See our Catalog Space, page 1019
Lanston Monotype Machine Co, Locust & 24th .....Spruce 4471
See our Catalog Space, page 999

Process Engravers.
Electro Tint Engraving Co, 1227-1229 Race ..... Bell-Spruce 1778 Keystone-Race 697

Propeller Designers.
American Screw Propeller Co, Hale bldg, Chestnut and Juniper .....Walnut 5607

Propellers Manganese Bronze.
American Manganese Bronze Co, Rhawn & Hegerman, Holmesburg.....Holmesburg 600

Public Accountants.
Gross Alfred M, 1001 Chestnut.....Filbert 3127

Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Commonwealth Trust bldg....Walnut 211

Pulleys.
Bond Charles Company, 520 Arch.....Market 3249

Pumping Engines.
Wood R D Co, 400 Chestnut.....Lombard 1020

Pumping Engines—Simple, Comp, Triple Expansion.
McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

Pumps—Centrifugal.
Wood R D Co, 400 Chestnut.....Lombard 1020

Pumps, Displacement Types, Steam & Power Driven.
McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

Pumps Hand, and Power for all Uses.
Deming Co The (The W P Dallett Co, Rep), 49 N 7th..... Bell-Market 1055 Keystone-Main 868

PHILADELPHIA—cont'd

Pumps—Steam Jet.
McGowan John H Co The, Exhibition Dept The Bourse ..... Lombard 490

Punches and Dies.
Gasket Supply Co, 1729 Ludlow..... Spruce 2280
See our Catalog Space, page 957

Pyrometers.
Brown Instrument Co The (Main Office), Wayne & Roberts avs..... Wyoming 690
Thwing Instrument Company, 3341 Lancaster av ..... Preston 4283

Rags.
Murphy Daniel I (Highest price paid for new and old Wool and Cotton Rags, Send samples stating quantity. Wiping rags furnished), 234-236 N Front.... Bell-Market 3004 Keystone-Main 1199

Range Boilers and Expansion Tanks.
Wood John Mfg Co, 1225 Hamilton..... Poplar 7638

Rat Exterminators.
Rose Rat Exterminator Co (Alfred Schmitthenner Mgr), 1218-20 Filbert..... Bell-Walnut 839 Keystone-Race 1982

Real Estate.
Redding Thos A & Son, 709 Walnut..... Walnut 1858

Reamers.
Whitman & Barnes Mfg Co The (E W Haine, Rep), The Tracy.... Keystone-West 4301-D

Recorders, Temperature—Operation.
Thwing Instrument Company, 3341 Lancaster av ..... Preston 4283

Reeds & Rattans.
Auer & Twitchell, 841 Chestnut..... Bell-Walnut 918 Keystone-Main 1691

Refiners and Assayers.
Hagstoz T B & Son, 709 Sanson..... Walnut 1627

Reflectors.
National X-Ray Reflector Co (Brown-White Inc Resident Engineers), Colonial Trust Co bldg ..... Walnut 6426

Refrigerating and Ice Plants.
Vilter Mfg Co The (W E Hexamer), 932 Chestnut ..... Walnut 6747

Rice.
Craig D S & H Inc (Rice packed with Jobber's Private Brand) Bell-Lombard 173
111-113 S Front..... Keystone-Main 3680

Rods and Sheeting: Bronze Phosphor.
Phosphor Bronze Smelting Co The, 2200 Washington av ..... Dickinson 870
See our Catalog Space, page 929

Roller Bearings.
Cwilliam Co The, 1314 Arch..... Walnut 3497
New Departure Service Station, 1314 Arch. Walnut 3497
Wright Roller Bearing Co, 20th and Indiana. Tioga 4184

Roller Bearings (Taper).
Standard Roller Bearing Co, 50th and Lancaster av ..... Belmont 550

Roofing, Asphalt, Shingles.
Barber Asphalt Paving Co The (Genasco Brand), Land Title bldg..... Spruce 5000

Roofing Materials.
American Tin & Terne Plate Co, 24th & Vine ..... Locust 165

Roofing—Slag.
Warren Elect Co, 36th & Grey's Ferry av ..... Bell-Dickinson 6040 Keystone-Race 4100

Roofing Tile.
Ludowici-Celadon Company, 1015 Weightman bldg ..... Spruce 1286

Rope: Bronze Phosphor.
Phosphor Bronze Smelting Co The, 2200 Washington av ..... Dickinson 870
See our Catalog Space, page 929

Rope Fire Escapes.
Tierney J P, 269 S 4th..... Lombard 3115

Rosin and Turpentine.
Antwerp Naval Stores Company, Bell-Lombard 2700
Drexel bldg ..... Keystone-Main 2184

Rubber Machinery.
Rich J & G Co, 120-22 N Sixth..... Market 2961

Rubber Stamps, Stencils, Seals, etc.
Quaker City Stencil & Stamp Wks Inc, 234 Arch ..... Bell-Market 3346 Keystone-Main 3490

Safes.
Baum J Safe & Lock Co The, 72 N 4th.... Market 1736

Salt.
Kerr Alex Bro & Co, Delaware av & Green. Market 4694

Sand Blast Machinery.
Paxson J W Co, 1021 N Delaware av Bell-Market 4111
Pier 45 North ..... Keystone-East 200

Sand Paper, Emery Cloth & Garnet Paper.
United States Sand Paper Co (Leonard R Winters, Rep), Widener bldg..... Walnut 3741

Scales (Automatic).
American Machinery Co Inc, cor 12th & Callowhill ..... Locust 3892

Scales Counting.
National Scale Co, Pennsylvania bldg..... Spruce 973

Scrap Iron.
Wood A M & Company Inc, Commercial Trust bldg ..... Bell-Spruce 3974 Keystone-Race 647

Scrap Iron & Metals.
De Cou Richard Co, ne cor 12th & Noble... Poplar 276

Scrap Iron & Steel.
Dreifus Emanuel & Co Inc, Commercial Trust bldg ..... Spruce 2330
Hoffer Allen R & Co, Pennsylvania bldg... Spruce 911

Screens.
Robbins Mfg Co, Land Title bldg..... Locust 1730

Seedsmen.
Simon I N & Son, 438 Market..... Lombard 810

Separators—Centrifugal.
Oil & Waste Saving Machine Co The, Real Estate Trust bldg..... Walnut 3995

Shafting.
Bond Charles Company, 520 Arch..... Market 3249
Union Drawn Steel Co, 9th and Willow... Market 2727

Shapes & Elevator Guides.
Union Drawn Steel Co, 9th and Willow... Market 2727

Shavings and Dust Collecting Systems.
Allington & Curtis Mnfg Co The, 210 S 11th ..... Walnut 2765

Sheet Iron.
American Tin & Terne Plate Co, 24th & Vine ..... Locust 165

Sheet Metal Work.
Raub C H, Wayne av & Berkley st Bell-Wyoming 1328
..... Keystone-North 93

Sheetings—Transparent and Colored.
Arlington Company (Py-ra-lin), 900 Chestnut ..... Walnut 381

Ship Building Machinery.
American Clay Machinery Co The (Headquarters Bucyrus Ohio), Liberty bldg.. Filbert 5366

Shipping, Packing, Moving & Storage of Household Goods.
Atlas Storage Warehouse, Market & 37th ..... Bell-Baring 752 Keystone-West 752
See our Catalog Space, page 1011

Shirt Mfrs.
Laveson L & Son, 237-41 N 6th Bell-Market 3750
..... Keystone-Main 168

Shoe Blackings.
Diamond John & Sons, 470 N 3d..... Market 2155

Shoe Dressings.
Diamond John & Sons, 470 N 3d..... Market 2155

Shoes, Mnfrs.
Laird Schober & Co, 22d & Market... Bell-Spruce 1711
..... Keystone-Race 1128

Signs and Counter Displays Embossed and Printed.
Herold Press The, 15th & Wallace..... Poplar 2245

Silver & Plated Wares, Also Hotel & Premium Silver.
Wallace R & Sons Mfg Co (C E Hodges, Mgr) 925 Chestnut..... Walnut 1397

Soaps.
National Milling & Chemical Co, Fox Chase. Ogontz 116

Soaps and Chemicals.
Klock & Company, 1309 Arch..... Spruce 5075

Soda Fountain Apparatus Mfrs.
Prouty L A Co Inc, 1029 Ridge av... Bell-Poplar 832
..... Keystone-Race 2798

Sole Leather.
Alexander Bros, Leather Belting, 414 N 3d ..... Bell-Market 2783 Keystone-Main 4196
Penn Leather Co, 322-324 N 3d..... Bell-Market 177
..... Keystone-Main 2862

Spiral Chutes.
Haslett Spiral Chute Co The, (Belt Conveyors, Vertical Lifts, Roller Conveyor) se cor Westmoreland & 23d..... Tioga 3351

Sponges.
Niehaus Jos Co The, (Chas B Solly Agt), Drexel bldg..... Bell-Lombard 2700 Keystone-Main 2184

Spool Silk, All Mfg. Trades.
Holland Mfg Co, 36 S 3d..... Lombard 3328

Sprocket & Chain Mfrs. Standard Cast Iron & Cut Tooth.
Union Chain & Mfg Co The (E M Fletcher, Rep), 1309 Arch..... Spruce 5075

Stains.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co), 35th and Gray's Ferry rd ..... Dickinson 50

Stampings.
Gasket Supply Co, 1729 Ludlow..... Spruce 2280
See our Catalog Space, page 957

Steam & Electrical Equipment.
Toomey Frank Inc, 127-31 N 3d..... Market 261

Steam Traps.
Corliss Valve Steam Trap (Coleman-Shoemaker & Mead Inc), Commercial Trust bldg ..... Spruce 978

Steel.
Federal Tool & Alloyed Steel Corporation (R M Baily Co) Commerical Trust bldg. Spruce 566

Steel Balls.
Standard Roller Bearing Co, 50th & Lancaster av ..... Belmont 550

Steel Bars—Round Squares, Twisted Squares.
Sweet's Steel Co, Land Title bldg..... Locust 147

Steel, Cold Drawn.
FitzSimons Co The (John W Moon Dis- Bell-Spruce 2517
triet Sales Mgr) 1420 Chestnut. Keystone-Race 3662
Union Drawn Steel Co, 9th and Willow... Market 2727

Steel Office Furniture and Filing Cabinets.
Trout Direct Filing Co, 825 Chestnut ..... Bell-Walnut 7460 Keystone-Race 2521
See our Catalog Space, page 954

Steel Rails.
Sweets Steel Co, Land Title bldg..... Locust 147

Steel Rails & Accessories, Light & Heavy Sections.
Sweets Steel Co, Land Title bldg..... Locust 147

Steel Shelving.
National Scale Co, Pennsylvania bldg..... Spruce 973

Stencil Cutting Machines.
Bradley Stencil Machine Co (Geo C Decker, Dist Mgr), 15 S Third..... Lombard 140
Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander) The Bourse ..... Lombard 490
See our Catalog Space, page 1010

Stencil & Marking Inks.
Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Garvey's Inks & Brushes (W H Alexander) The Bourse ..... Bell-Lombard 490 Keystone-Main 75

Stencil Paper, Plain & Oil Board.
Diagraph Stencil Machine Corp, 1011 Chestnut ..... Filbert 2665
See our Catalog Space, page 1010
Ideal Stencil Machine The (W H Alexander) The Bourse ..... Lombard 490
See our Catalog Space, page 1010

Stencil, Paper, Plain and Oiled.
Decker Geo C, 15-17 S Third..... Lombard 140

Storage, Shipping, Packing & Moving of Household Goods.
Atlas Storage Warehouse, Market & 37th ..... Bell-Baring 752 Keystone-West 752
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Stove Polishes.
Diamond John & Sons, 470 N 3d..... Market 2155

Street Cleaning Appliances.
Hart & Knox Mfg Co, 23d & York ..... Bell-Diamond 4869 Keystone-Park 830

Structural Steel.
American Bridge Company, Widener bldg. Walnut 5200
Cou Richard Co (Beams, Channels, Angles, Tees & Plates) ne cor 12th & Noble ..... Poplar 276
Matthews S G & Co, 2016 W Lippincott ..... Bell-Tioga 2397 Keystone-Park 670

Stuffers, Sausage.
Enterprise Mfg Co of Pa The, 3d & Dauphin..... Bell-Kensington 5473 Keystone-Park 281

Sugar Brokers.
Camp George R, 135 S 2d..... Lombard 876

Sugar Machinery.
Wood R D Co, 400 Chestnut..... Lombard 1020

Sugar Refineries.
Pennsylvania Sugar Company, 135 S 2d ..... Bell-Lombard 4280 Keystone-Main 4750

Surgical Instruments.
Penn Surgical Co Inc, 1407-09, N 8th ..... Bell-Kensington 634 Keystone-Park 5083 A

Surveying & Engineering Instruments.
Heller & Brightly (Eng'rs, Surveyors, Transits, Levels) 1124 Spring Garden. Poplar 3914

Tag Mfrs.
Reyburn Mfg Co The, Allegheny av & 23d ..... Tioga 4738

Tallow.
Stern Jacob & Sons, 428 N 3d..... Market 741

Tanks—Gas Holders, Towers.
Wood R D Co, 400 Chestnut..... Lombard 1020

Tanks—Steel.
Wood John Mfg Co, 1225 Hamilton..... Poplar 7638

Taps (Adjustable Collapsing).
Geometric Tool Co The (Vandyck Churchill Co, Rep) Widener bldg Bell-Walnut 2957 Keystone-Main 3540

Telephone Timing Devices.
Graves, Timing Device Co, 2680 Parkway. Poplar 3764
See our Catalog Space, page 1016

Telephones, Interior (Factories Apartment Bldgs.)
Connecticut Telephone & Electric Co (Herbert Bryan) 716 Sansom..... Filbert 5775

Textile Machinery, New & Second Hand.
Diamond Textile Machine Works, 1820 N 10th ..... Diamond 30

Textile—Tubes.
Consolidated Paper Tube Co, 810 Sansom ..... Bell-Filbert 4254 Keystone-Main 1691

Theatrical Costumers.
Van Horn & Son (Costumes for Plays, Operas, Pageants, Photoplays shipped on rental basis anywhere in U S. Largest oldest firm, established 1852) 921 Walnut..... Walnut 4112

Thermometers.
Brown Instrument Co The (Main Office), Wayne & Roberts avs..... Wyoming 690

Thermometers & Hydrometers.
Haak Otto & Sons, 545 N 5th..... Market 619

Thermometers, Recording.
Thwing Instrument Co, 3341 Lancaster av ..... Preston 4283

Thread (Cotton).
United States Thread Co, 241-45 Arch ..... Bell-Market 598 Keystone-Main 339

Threading Machines.
Geometric Tool Co The (Vandyck Churchill Co, Rep) Widener bldg. Bell-Walnut 2957 Keystone-Main 3540

Tiles, Roofing.
Ludowici-Celadon Company, Weightman bldg ..... Spruce 1286

Time Recorders.
Simplex Time Recorder Co, 307 Walnut ..... Bell-Lombard 4136 Keystone-Main 2916

Time Recorders for Timing Long Dist Telephone Calls.
Graves Timing Device Co (The Phonometer ($5) prevents overcharges), 2630 Parkway ..... Poplar 3764
See our Catalog Space, page 1016

Time Stamps and Cost Keeping Systems.
Baird Equipment Co (Collins Office Machinery Co, Agts), 1324 Arch..... Walnut 3537

Tin Plate.
American Tin & Terne Plate Co, 24th & Vine ..... Locust 165

Tin Plate Mfrs.
Taylor N & G Co Inc, 300 Chestnut..... Lombard 633

Tin Ware.
Clarke Can Co (Druggist Ware, Tanks, Measures, Cans) se cor 12th & Fitzwater. Walnut 3867

Tire—Carriers.
Horrocks Iron Works (Liberty Tire Carriers, for Ford Cars) 234N Broad Bell-Spruce 4178 Keystone-Race 1943

Tire Straps.
Bond Charles Company (Fabritex), 520 Arch ..... Market 3249

Tobacco Machinery—for Production of Plug Tobacco.
McGowan John H Co The, Exhibition Dept The Bourse ..... Lombard 490

Toilet Articles and Sets.
Arlington Company, 900 Chestnut..... Walnut 381

Toilet Preparations.
Tetlow Henry Co, 132 N 10th..... Filbert 3835

Tool Holders.
Keystone Equipment Co, 825 Walnut.... Walnut 5456

Treads, Mason Safety.
American Mason Safety Tread Co, Widener bldg ..... Walnut 4095

Trucks Elevating.
Lewis-Shepard Co (T Lynch Hubbard, Agt) Hale bldg ..... Walnut 5361
National Scale Co Pennsylvania bldg..... Spruce 973
Transmission Ball Bearing Co, Bourse bldg ..... Lombard 490
See our Catalog Space, page 920

Trucks, Industrial.
Lansing-Company N American and Willow ..... Bell-Market 1822 Keystone-Main 2320

Trusses, Etc.
Philadelphia Orthopedic Co, 49 N 13th.. Walnut 294
Seeley I B, 1027 Walnut..... Filbert 4497

Turpentine & Rosin.
Antwerp Naval Stores Co, Drexel bldg..... Main 2184
..... Lombard 2700

Turpentine Substitutes.
Terabentine Co The Inc, Commercial Trust bldg ..... Spruce 4266

Twine.
Bailey John T Co, Water & Tasker..... Dickinson 1520

Twine—Hemp, Jute, Flax and Cotton.
Morice Twine Mills, Water & Tasker.. Dickinson 71

PHILADELPHIA—cont'd

Twines—All Kinds.
Auer & Twitchell, 841 Chestnut.....Bell-Walnut 918
.....Keystone-Main 1691

Twist Drills.
Whitman & Barnes Mfg Co The (E W Haine Representative), The Tracy..Keystone-West 4301-D

Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, 17-19 South 6th .....Lombard 378
See our Catalog Space, page 1019
Lanston Monotype Machine Co, Locust & 24th .....Spruce 4471
See our Catalog Space, page 999

Typewriters—Portable.
Corona Typewriter Company Inc, 911 Walnut .....Walnut 1744

Underground Equipment and Supplies.
Cope T J, 1620 Chancellor.....Spruce 4703

Undertakers.
Bair Oliver H, 1820 Chestnut.....Locust 1581

Undertakers Supplies.
Frigid Fluid Co (O J Haabestad, Agt), 5803 Master .....Belmont 1975-M
Philadelphia Casket Hardware Co, 2137 East Firth .....Kensington 936

Uniform Manufacturers & Equipments.
Reed's Jacob Sons Inc, 1424-26 Chestnut..Spruce 5600

Valves (Iron and Steel).
National Valve & Mfg Co (National Supply & Equipment Co, Agts) Bulletin bldg..Walnut 4086

Valves—Back Pressure & Atmospheric Relief.
McGowan John H Co The, Exhibition Dept The Bourse .....Lombard 490

Valves & Hydrants.
Wood R D Co, 400 Chestnut.....Lombard 1020

Varnish & Japan Mnfrs.
Watrous Varnish Co The, 20th & Tasker.Dickinson 460

Varnish Mfrs.
Nice Eugene E, 268-74 S 2d Bell-Lombard 1877
.....Keystone-Main 4577

Varnishes.
Harrison Works (Owned and Operated by E I Du Pont de Nemours & Co, 35th and Gray's Ferry rd .....Dicknsn 50

Vegetable Paring Machines.
American Machinery Co Inc, Cor 12th & Callowhill .....Locust 3892

Ventilating Apparatus, Blower & Fan Mfrs.
Ilg Electric Ventilating Co, Commercial Trust bldg .....Spruce 2099

Washers.
Gasket Supply Co, 1729 Ludlow.....Spruce 2280
See our Catalog Space, page 957

Washers (Wrought).
Nicetown Plate Washer Co, Juniata & Clarissa .....Wyoming 540

Washing Machines Mnfrs.
Maytag Company The, 23d & Arch.....Spruce 240

Waste Cotton & Woolen.
Denenberg I Co, 215-17-19 Snyder avKeystone-Main 1193

Watchmans' Clocks.
Simplex Time Recorden Co, 307 Walnut .....Bell-Lombard 4316
.....Keystone-Main 2916

Water Supply Systems.
Keystone Supply & Mfg Co (Leader Iron Wks), 911-49 N Ninth Bell-Market 4135
.....Keystone-Park 1120

Waterproof Wrapping Paper.
National Waterproofing Co, Drexel bldg..Lombard 169

Weather Strips.
Diamond Metal Weather Strip Co The (G R C Johnston) Drexel bldg.....Lombard 3693
Monarch Metal Weather Strip Co The (A L Otto Co, Distributors), Land Title bldg .....Locust 248
See our Catalog Space, page 1023
Niagara Metal Weather Strip Co (Strawbridge & Clothier) Market, 8th and Filbert .....Filbert 100
Robbins Mfg Co, Land Title bldg.....Locust 1730

Welding.
Wood John Mfg Co, 1225 Hamilton.....Poplar 7638

Welding Apparatus.
Burdett Oxygen Co, Witherspoon bldg....Walnut 462
Davis-Bournonville Co, N Stock Ex bldg....Spruce 693
See our Catalog Space, page 1023

Welding Apparatus (Electric) for Spot & Butt Work.
Federal Machine & Welder Co The Bell-Walnut4422
(A E Meyer, Rep), Lincoln bldg.Keystone-Race 1918

Wheelbarrows.
Lansing Company, N American and Willow .....Bell-Market 1822
.....Keystone-Main 2320

Wheels—Automobile and Trucks.
Schwarz Wheel Co The, Margaret st Bell-Frankford 1890
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Page Steel & Wire Co, 644 Union Arcade...Grant 4467

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Whitman & Barnes Mfg Co The, (R S Carter, Rep), 416 Eighth, Oakmont.....Oakmont 161

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Aluminum Alloys, Boronic Metals.
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Parish Mfg Co, 7th & Chestnut.....Reading 2790

Automobile Parts, Stamping.
Parish Mfg Co, 7th & Chestnut.....Reading 2790

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Parish Mfg Co, 7th & Chestnut.....Reading 2790

Automobile Steel Custom Body Mfrs.
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Penn Foundry & Mfg Co, Box 182.....Reading 991-X

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Gray Iron Foundry Co, W Green Bell-Reading 1879
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Penn Foundry & Mfg Co, Box 182.....Reading 991-X

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Saul & Zang Inc (Manufacturers of Fancy Paper Boxes, Candy and Holiday Dry Goods Boxes a Specialty. New York Office, 319 Canal Street) .....Schuylkill Haven 1

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Oleum Products Co, 1129-31 Capouse av.Scranton 2900

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Alexander Bros Leather Belting (The Bittenbender Co), 182 Franklin av.....Scranton 4800

Blasting Supplies and Explosives.
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Brass Mfrs.
Everhart Brass Works, 422-24 Penn av.Scranton 2512-R

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Detective Agencies.
Rafter's Detective Agency, Connell bldg.Scranton 1060

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Drawing Materials.
Technical Supply Co, 434 Wyoming av..Scranton 4200

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Pressed Steel Products Co, The, Sharon .....Petroleum O. 791

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RHODE ISLAND
SCALE
Statute Miles, 6 – 1 Inch.
BLOCK ISLAND SOUND
ATLANTIC OCEAN
WORCESTER
NORFOLK
PROVIDENCE
BRISTOL
KENT
NEWPORT
WASHINGTON
WESTERLY
CHARLESTOWN
KINGSTOWN
RICHMOND
WARWICK
COVENTRY
EAST GREENWICH
NORTH KINGSTOWN
NORTH PROVIDENCE
CITY OF PROVIDENCE.
BLOCK ISLAND
(TO NEWPORT COUNTY)

RHODE ISLAND

Land area		1,067
Water area		181
Population	(Estimated)	620,090
White		532,492
Negro		9,529
All others		589
Foreign-born white		178,025
Native white	(U. S. Census 1910)	354,467
Male		270,314
Female		272,296

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Goldshine Henry P, 128 North Main.....Union 1118-R

Pennants, Banners & Pillow Top Mfrs.
American Pennant Mfg Co, 281-85 Broad.Union 4080-W

Pipe and Fittings.
Dart E M Mfg Co, Thurbers av.....Broad 1069

Pulleys—Iron.
Harris-Corliss Engine Works, Providence...Union 1857

Pulleys, Shafting, Bearings, Hangers.
Franklin Machine Co, 189 Charles.....Union 963

Pulleys—Wood Rim.
Harris-Corliss Engine Works, Providence...Union 1857

Refrigerating Engineers.
Fletcher-Thompson, Incorporated, Turk's Head bldg.....Union 1989

Ring Manufacturers.
Loeb Wm & Co, 150 Chestnut.....Union 3900

Roll Gold and Aluminum Leaf in Rolls.
American Roll Gold Leaf Co, 56 Pine.....Union 2172

Rolling Mill Machinery.
Harris-Corliss Engine Works, Providence...Union 1857

Rubber Mill Machinery.
Franklin Machine Co, 189 Charles.....Union 963

Rubber Sundries.
Davol Rubber Co, 69 Point.....Union 2381

Sand Blast Machinery.
Paxson J W Co (W Scott Thomas), Grosvenor bldg.....Union 6641

Sash, Doors and Blinds.
Perkins Bros Co, 970 Westminster.....Union 1533

Screws, Mnfrs—Screws made from Samples or Blue Print.
Hoyle Mfg Co The, 22 Conduit.....Union 1493

Shoe Lace Tipping Machinery.
Franklin Machine Co, 189 Charles.....Union 963

Shoe Ornaments.
Kescot Manufacturing Co, 86 Page.....Union 6334

Special Machinery.
Harris-Corliss Engine Works, Providence...Union 1857

Spun Silk Machinery.
Franklin Machine Co, 189 Charles.....Union 963

Steam Boilers, Built and Repaired.
R I Boiler Works, 392 Fountain.....Gaspee 1314-W

Stencil Cutting Machines.
Ideal Stencil Machine The (H E Van Zyl Co), 283 Jastram.....Union 2603
See our Catalog Space, page 1010

Structural Steel Construction.
McKinnon John, 77 Washington.....Union 2858-W

Telephones (Automatic Intercommunicating).
Select-O-Phone Co, 1012 Eddy.....Broad 4400

Textile Machinery.
Franklin Machine Co, 189 Charles.....Union 963

Thread (Cotton).
Ballou Thread Co, 189 Charles.....Union 214

Tire Fabric Manufacturers.
Manhasset Mfg Co, 1406 Turks Head bldg.Union 2710

Trucks, Elevating.
Lewis-Shepard Co (Harold Crane, Agt), 96 Taylor.....Broad 1274-W

Typewriters—Portable.
Corona Typewriter Company Inc, 43 Weybosset.....Union 3661

Ventilators and Exhaust Fans.
New England Ventilating & Heating Co (Richardson's Revolving Ventilators. Send for booklet), 926 Manton av.....West 7

Ventilators, Window.
Ideal Ventilator Co, 99 Stewart.....Union 1512

Welders (Oxy-Acetylene Electric, Thermit, Portable Plants).
R I Welding Co, 25 Bath.....Union 115

Well Contractors.
Artesian Well & Supply Co, Providence....E Prov 195

Wreckers—Building Wreckers.
Hogan Thos P & Co, 127 Globe.....Union 1869

Yarn Dressing Machinery.
Franklin Machine Co, 189 Charles.....Union 963

Yarn Dyers.
Providence Dye Works (Specialties—Sulphur, Olive, Drab and Black), 291 Thurbers av.Broad 4222

WOONSOCKET

Gage and Tool Makers.
Simplex Tool Co, Worral st.....Woonsocket 1235

Machinists.
Simplex Tool Co, Worral st.....Woonsocket 1235

Tools, Dies, Gages, Special Machinery.
Simplex Tool Co, Worral st.....Woonsocket 1235
Hogan Thos P & Co, 127 Globe.....Union 1869

SOUTH CAROLINA
SCALE
Statute Miles. 30 = 1 Inch.
0 5 10 20 30 40 50
Railroads
Electric Lines
Rand McNally & Co's New 11 x 14 Map of South Carolina.
Copyright by Rand McNally & Co.
ATLANTIC OCEAN
Longitude West from Greenwich
Charleston
Georgetown
Beaufort
Bennettsville
Chesterfield
Darlington
Camden
Columbia
Sumter
Florence
Marion
Conway
Orangeburg
Walterboro
Winnsboro
Newberry
Greenville
Spartanburg
Anderson
Abbeville
Greenwood
Laurens
Union
Chester
Lancaster
Edgefield
Aiken
Barnwell
Hampton
Ridgeland
Kingstree
Manning
Moncks Corner
Georgetown
Santee River
Santee Bay
Winyah Bay
Bulls Bay
Cape Romain
RACCOON KEY
Charleston Harbor
Edisto Inlet
Edisto River
Edisto Island
Helena Sound
Port Royal Sound
HILTON HEAD I.
Port Royal
Beaufort
Parris I.
Cat Island
Hunting I.
Fripp I.
Bull I.
Capers I.
Newees I.
Isle of Palms
Sullivans I.
Folly I.
Kiawah I.
Seabrook I.
Johns I.
Wadmalaw I.
Edisto I.
Pawleys I.
Murrells Inlet
Litchfield
Pawleys Island
Myrtle Beach
Little River
Lake Marion
Lake Moultrie
Santee River
Wateree River
Congaree River
Saluda River
Catawba River
Pee Dee River
Lynches River
Black River
Waccamaw Lake
Lake Swamp
Lake Sweat
Lake Wyle
Lake Cypress
Lake Cypress
Lake Wyle
Lake Sweat
Lake Swamp
Lake Marion
Lake Moultrie

SOUTH CAROLINA

SOUTH CAROLINA

Land area		30,495
Water area		494
Population	(Estimated)	1,634,310
White		679,161
Negro		955,843
All others		396
Foreign-born white	(U. S. Census 1910)	6,054
Native white		673,107
Male		751,842
Female		763,558

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

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1	Barnwell	G	7
2	Batesburg	E	7
2	Beaufort	I	9
2	Belton	C	4
3	Bennettsville	C	13
2	Bishopville	D	11
1	Blacksburg	A	7
1	Blackville	F	7
1	Branchville	G	9
[illegible]	Buffalo	B	6
4	Camden	D	10
61	Charleston	H	11
3	Cheraw	B	12
5	Chester	B	7
5	Clifton	A	6
3	Clinton	C	6
1	Clover	A	8
35	Columbia	E	9
2	Converse	B	6
1	Conway	F	14
1	Cowpens	A	6
4	Darlington	D	11
1	Denmark	G	8
2	Dillon	C	14
2	Edgefield	E	5
3	Edisto Island	I	11
3	Enoree	B	6
7	Florence	D	12
2	Fort Mill	A	9
1	Fountain Inn	C	4
5	Gaffney	A	6
6	Georgetown	G	13
1	Graniteville	F	6
18	Greenville	B	4
7	Greenwood	D	4
2	Greer	B	5
2	Hartsville	C	11
2	Honea Path	C	4
1	Jonesville	B	7
1	Kershaw	C	10
1	Kingstree	F	12
1	Lake City	E	12
2	Lancaster	B	9
1	Langley	F	6
1	Latta	D	13
5	Laurens	C	6
1	Leesville	E	7
1	Liberty	B	3
2	McColl	C	13
2	Manning	E	11
4	Marion	D	14
1	Moultrieville	H	12
1	Mt. Pleasant	H	12
2	Mullins	D	14
5	Newberry	D	7
1	Newry	B	3
1	North Augusta	F	5
6	Orangeburg	F	9
2	Pelzer	C	4
4	Piedmont	B	4
7	Rockhill	B	9
1	Seneca	C	2
20	Spartanburg	B	5
1	St. George	G	10
1	St. Matthews	E	9
2	Summerville	H	11
10	Sumter	E	11
2	Timmonsville	D	12
6	Union	B	6
2	Walhalla	B	2
2	Walterboro	H	10
2	Westminster	B	2
1	Whitmore	C	7
2	Williamston	C	4
2	Winnsboro	C	8
2	Woodruff	B	6
2	Yorkville	B	7

Population—Hundreds

6	Brunson	H	8
6	Buffton	J	9
9	Central	B	3
6	Cherokee Falls	A	7
6	Chesterfield	B	11
9	Clio	C	13
6	Cross Hill	D	6
7	Due West	D	4
6	Gilbert	E	7
6	Greelyville	F	11
7	Hampton	H	8
6	Hardeeville	J	9
9	Iva	D	3
9	Johnston	E	6
6	Lamar	D	11
7	Lexington	D	7
6	McClellanville	G	13
6	McCormick	E	4
8	Mayesville	E	11
6	Meggett	H	11
9	New Brookland	D	8
8	Ninety Six	D	5
6	North	F	8
8	Pendleton	C	3
9	Pickens	B	3
7	Prosperity	D	7
6	Saluda	D	6
7	Summerton	F	11
9	Vaucluse	F	6
6	Williston	F	7

ANDERSON

Belting.

Alexander Bros Leather Belting (Sullivan Hardware Co), 210 S Main.....Anderson 261

Leather Belting.

Alexander Bros Leather Belting (Sullivan Hardware Co), 210 S Main.....Anderson 261

CHARLESTON

Architects.

Todd, Simons & Todd, 63 Broad....Charleston 1778

Autographic Registers and Roll Printed.

Hamilton Autographic Register Co (P E Devineau, Rep), 98 St Phillip...Charleston 1073-J

Belting, Leather.

Detroit Oak Belting Co (The Bailey-Lebby Co), 182 Meeting.....Charleston 364

Blue Prints.

Carolina Electric Blue Printers, 63 Broad .....Charleston 1778

Bonds, Guarantee.

National Surety Co (Robert T Ravenel, Mgr), 58 Broad.....Charleston 436

Bonds, Surety.

National Surety Co (Robert T Ravenel, Mgr), 58 Broad.....Charleston 436

Burglary Insurance.

National Surety Co (Robert T Ravenel, Mgr), 58 Broad.....Charleston 436

Cotton Factors.

Porter Snowden Co, 90 E Bay.....Charleston 2051

Engineers—Civil.

McCrady Bros & Cheves, 4 Broad ....Charleston 1036

Excelsior and Mattresses.

Charleston Lead Works, Meeting Street Road .....Charleston 344

Fertilizers—Mfrs.

Wulbern Fertilizer Co, Charleston....Charleston 3722

Hotels.

New Charleston Hotel Co, Meeting....Charleston 1981
St John Hotel, Metting & Queen .....Charleston 398

Lead—Pipe and Sheet.

Charleston Lead Works, Meeting Street Road .....Charleston 344

Scrap Iron Metals, Rubber and all Waste Materials.

Mill Scrap & Rubber Co The, 6-10 Pritchard .....Charleston 73

Surety Bonds.

National Surety Co (Robert T Ravenel, Mgr), 58 Broad.....Charleston 436

Transportation Companies.

Motor Transport Co The, 44 Market...Charleston 2325

Water Supply System.

Cameron & Barkley Co (Leader Iron Wks), ...Charleston 3660

COLUMBIA

Attorneys-at-Law.

Barron McKay Frierson & Moffatt Union Natl Bank bldg.....Columbia [illegible]

Automobile Oils.

Indian Refining Co (Havoline Oil) Lincoln and Blanding .....Columbia 2690
See our Catalog Space, page 917

Automobile Tops, Seat Covers and Trimmings.

Glenn Paul H, 1208 Laurel.....Columbia 659-J

Cotton—Absorbent.

Southern Aseptic Laboratories, Columbia.Columbia 1655

Cotton Linters.

Columbia Waste & Warehouse Co, cor Gervais & Pulaski .....Columbia 240

Real Estate—Insurance, Renting and Loans.

Fogle A W & Co, 1416 Main.....Columbia 1874

GREENVILLE

Adding Machines.

Monroe Calculating Machine Co, Bank of Commerce bldg .....Greenville 2622
See our Catalog Space, page 905

Belting, Leather.

Detroit Oak Belting Co (Carolina Supply Co), W Court.....Greenville 374

Brokers, Merchandise.

Palmetto Brokerage Co, 22 Piedmont av.Greenville 821

Calculating Machines.

Monroe Calculating Machine Co, Bank of Commerce bldg .....Greenville 2622
See our Catalog Space, page 905

Cotton Brokers and Merchants.

Cooper & Griffin Co Inc.....Greenville 57

Cotton Fabrics, Converters and Distributors.

Hudson & Kohn Co, Greenville.....Greenville 509

Cotton Mill Waste.

Goodyear Chester M, Hammond-Main & River sts.....Greenville 1186

Foundries and Machine Shops.

Mountain City Foundry & Machine Wks, S Academy .....Greenville 323

Hotels.

Hotel Imperial (C S & L A James, Props)Greenville 952

Store Fixtures, Refrigerators and Trucks.

Greenville Mantle & Mfg Co.....Greenville 1039

SPARTANBURG

Banks.

First National Bank, 1st Natl Corner.Spartanburg 81

Electrical Supplies.

Montgomery & Crawford Main & Broad.Spartanburg 376

Flour, Feed, Meal Mnfrs. and Jobbers.

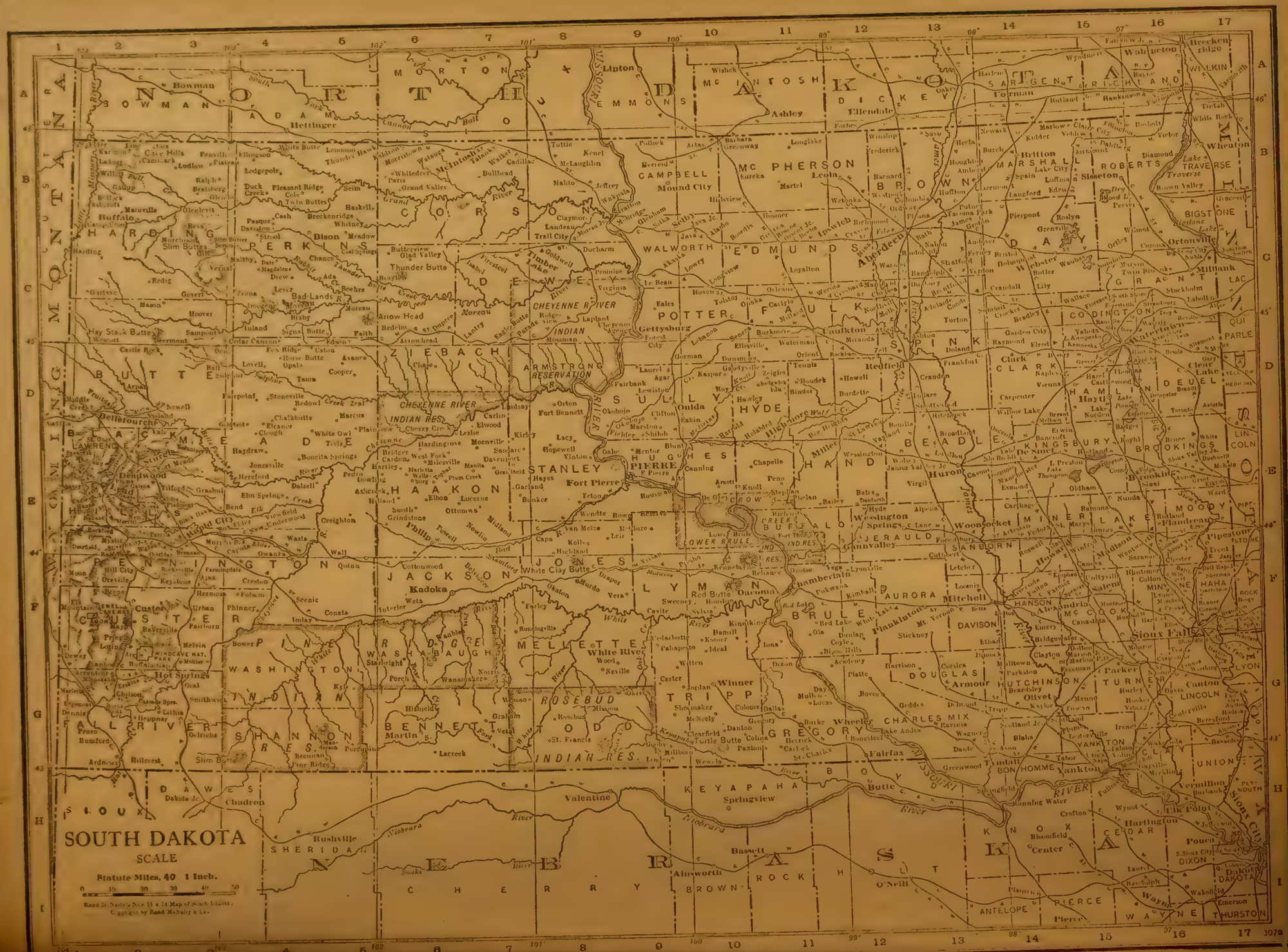
Spartanburg Roller Mills, Gross & Pollard .....Spartanburg 612

Hardware.

Montgomery & Crawford, Main & Broad .....Spartanburg 376

Mill Supplies.

Montgomery & Crawford, Main & Broad.Spartanburg 376


SOUTH DAKOTA
SCALE
Statute Miles. 40 1 Inch.
0 10 20 30 40 50
Rand McNally New 11 x 14 Map of South Dakota.
Copyright by Rand McNally & Co.
MONTANA
NORTH DAKOTA
MINNESOTA
IOWA
NEBRASKA
BOWMAN
ADAMS
HARDING
PERKINS
MORTON
SIOUX
EMMONS
MC INTOSH
DICKEY
SARGENT
RICHLAND
WILKIN
CORSON
CAMPBELL
MC PHERSON
BROWN
MARSHALL
ROBERTS
TRAVERSE
BIGSTONE
WALWORTH
EDMUNDS
DAY
GRANT
CODINGTON
DEWEY
POTTER
FAULK
SPINK
CLARK
HAMLIN
DEUEL
BUTTE
MEADE
ZIEBACH
ARMSTRONG
SULLY
HYDE
BEADLE
KINGSBURY
BROOKINGS
LINCOLN
LAWRENCE
BELLEFOURCHE
CHEYENNE RIVER INDIAN RES.
STANLEY
PIERRE
HUGHES
HAAKON
MILLER
HAND
BRULE
MINNEHAHA
MOODY
PENNINGTON
JACKSON
JONES
LYMAN
BUFFALO
JERAULD
SANBORN
AURORA
MITCHELL
HANSON
DAVISON
McCOOK
CUSTER
FALL RIVER
WASHINGTON
INDIAN
WASHABAUGH
MELLETTE
WHITE RIVER
ROSEBUD
TRIPP
DOUGLAS
HUTCHINSON
TURNER
LYON
CHARLES MIX
GREGORY
BENNETT
SHANNON
TODD
INDIAN RES.
BOYD
KEYAPAHA
BON HOMME
YANKTON
CLAY
UNION
LINCOLN
DAWES
SIOUX
SHERIDAN
CHERRY
BROWN
ROCK
HOLT
KNOX
CEDAR
DIXON
DAKOTA
ANTELOPE
PIERCE
WAYNE
THURSTON
Bowman
Hettinger
Linton
Ashley
Ellendale
Wahpeton
Breckenridge
Wheaton
Britton
Sisseton
Watertown
Ortonville
Milbank
Aberdeen
Redfield
Huron
Mitchell
Sioux Falls
Yankton
Vermillion
Dakota City
Dakota Jc.
Chadron
Rushville
Valentine
Bassett
Ainsworth
O'Neill
Springview
Butte
Fairfax
Winner
Kadoka
Philip
Fort Pierre
Pierre
Oacoma
Chamberlain
Platte
Gettysburg
Faulkton
Redfield
Watertown

SOUTH DAKOTA

SOUTH DAKOTA

Land area		76,868
Water area		747
Population	(Estimated)	707,740
Negro		429
All others		18,228
Foreign-born white	(Census 1915)	90,487
Male		302,892
Female		266,089
White	(U. S. Census 1910)	563,771
Native White		463,143

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(See map, opposite page)

Population—Thousands

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1 Bridgewater ....G 14
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2 Canton .....G 16
1 Centerville .....G 16
1 Chamberlain ...F 11
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3 Deadwood .....E 2
2 Dell Rapids.....F 17
1 De Smet.....E 14
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2 Flandreau .....E 16
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2 Hot Springs.....G 2
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1 Miller .....E 11
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1 Scotland .....G 14
17 Sioux Falls.....F 16
1 Sisseton .....B 15
1 Sturgis .....E 2
1 Tyndall .....H 14
2 Vermilion .....H 16
8 Watertown ....D 16
2 Webster .....C 14
1 Wessington Springs .....E 12
1 Woonsocket ....E 13
5 Yankton .....H 15

Population—Hundreds

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9 Arlington .....E 15
6 Artesian .....E 14
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5 Bonesteel .....G 12
5 Bowdle .....C 10
5 Bristol .....C 14
9 Britton .....B 14
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6 Carthage .....E 14
5 Castelwood ....D 15
5 Chester .....F 16
8 Clear Lake ....D 16
5 Colton .....F 16
5 Conde .....C 13
8 Dallas .....G 11
5 Delmont .....G 13
5 Doland .....D 13
7 Edgemont .....G 1
6 Egan .....E 16
8 Elkton .....E 17
5 Emery .....F 14
6 Estelline .....D 16
6 Faulkton .....D 12
7 Fort Meade.....E 8
7 Fort Pierre ....E 8
7 Freeman .....G 15
8 Garretson .....F 17
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7 Hartford .....F 16
7 Highmore .....D 11
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5 Hurley .....G 15
7 Ipswich .....C 12
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9 Lemmon .....B 5
9 Lennox .....G 16
5 Leola .....B 11
8 Menno .....G 15
6 Montrose .....F 15
5 Mount Vernon...F 13
6 Philip .....E 6
9 Plankinton .....F 12
9 Platte .....G 12
7 Quinn .....F 5
6 Selby .....B 10
9 Spearfish .....E 1
6 Spencer .....F 15
7 Springfield .....H 14
6 Stratford .....C 13
5 Summit .....C 15
5 Terry .....E 1
9 Tripp .....G 14
6 Volga .....E 16
9 Wagner .....G 13
9 Waubay .....C 15
5 Wessington ....E 12
6 White .....E 17
5 White Lake.....F 12
9 Winner .....G 10
6 Witten .....G 9

SIOUX FALLS

Chemicals, (Mfrs.) Sanitary Preparations, Disinfectants.

Western Drug & Chemical Co, 125 W 12th .....Sioux Falls 176

Hotels, European (Fire Proof).

Albert Hotel, 333 Phillips av.....N W Sioux Falls 465

WATERTOWN

Weather Strips.

Monarch Metal Weather Strip Co The (Geo Hauenstein, Distributor), 311 Fifth av .....N W Auto 2338

See our Catalog Space, page 1023

TENNESSEE

BRISTOL

Belting.

exander Bros Leather Belting (Interstate Hardware & Supply Co), 210 State....Bristol 3

Leather Belting.

exander Bros Leather Belting (Interstate Hardware & Supply Co), 210 State....Bristol 3

CHATTANOOGA

cetylene Burners.

erican Lava Co, 27-33 William.....Main 3018

ddressing Machines.

ckney & Montague Direx-all, 33 Short....Main 357

adges, Banners, Buttons, Etc., (Campaigns & Conventions).

ttanooga Button & Badge Mfg Co, 730-732 Georgia av.....Main 4205

elting, Leather (Mnfrs. Repairers & Cleaners of).

ttanooga Belting & Supply Co, 1257 Market .....Main 938

oilers, Inter Fired (Corrug Adamson Ring Furnaces).

sh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

oilers, Tubular (With or Without Steel Casings).

sh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

oilers, Vertical (Plain or Submerged Tubes).

sh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

Boilers, Water Tube (Hor. or Ver. Baffles).

Walsh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

Canning Outfits (Fruits & Vegetables).

Southern Canner & Evaporator Co, 327 E Main st.....Main 2450

Cement Manufacturers.

Dixie Portland Cement Co, James bldg.....Main 4318

Concrete Mixers.

Koehring Machine Company (Sloan & Co), 118 W 8th .....Main 1990

Crystallizers, Sugar (Open, Closed or Semi-closed).

Walsh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

Defecators (With Copper or Steel Coils).

Walsh & Weidner Boiler Co The, W Main and Grove sts .....Main 694

Detective Agencies.

Simms James T United States Detective Agency The, Keystone bldg.....Main 6822

Detective Agencies and Bloodhound Service.

Phipps Detective Agency, 13½ E 8th.....Main 4251

Ferro Alloys (50% Ferro Silicon).

Southern Ferro Alloys Co, cor 21st & Chestnut .....Main 6955

Floor, Wall, Terrazzo and Mosaic Tiles.

Standard Tile Company, Chamberlain bldg .....Main 1318

Hoisting Machinery.

Street Bros Machine Works .....Main 258

Hotels.

Hotel Patten, 11th & Market.....Main 3080

Signal Mountain Hotel (Fireproof Elev, 2,000 ft, 250 rms, 200 baths), Signal Mt P O...Main 2065

Hydrogen.

Burdett Oxygen Co, 410 N Market.....Main 294

Logging Tools (Peavies, Cant Hooks, Skidding Tongs).

Dixie Logging Tool Co, cor E 13th & Greenwood .....Hemlock 343

Mill Supplies.

Mills & Lupton Supply Co, 1146 Market....Main 115

Moving, Packing, Shipping & Storage of Household Goods.

Chattanooga Warehouse & Cold Storage Co, King st & W & A R R.....Main 2741

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Oxy-Acetylene Apparatus.

Burdett Oxygen Co, 410 N Market.....Main 294

Oxy-Hydrogen Apparatus.

Burdett Oxygen Co, 410 N Market.....Main 294

Oxygen.

Burdett Oxygen Co, 410 N Market.....Main 294

Oxygen & Hydrogen Generating Plants.

Burdett Oxygen Co, 410 N Market.....Main 294

Smoke Stacks, Steel (Self-supporting or Guyed).

Walsh & Weidner Boiler Co The, W Main & Grove sts .....Main 694

Standpipes, Steel.

Walsh & Weidner Boiler Co The, W Main & Grove sts .....Main 694

KENTUCKY AND TENNESSEE
SCALE
Longitude West from Greenwich
ILLINOIS
INDIANA
OHIO
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ALABAMA
MISSISSIPPI
MISSOURI
LOUISVILLE
CINCINNATI
NASHVILLE
Terre Haute
Evansville
Paducah
Cairo
Memphis
Corinth
Chattanooga
Knoxville
Asheville
Rutherfordton
Greenville
Blue Ridge
Dalton
Cohutta
Jarretts
Spruce Pine
Pulaski
Somerset
Mt. Sterling
Winchester
Richmond
Lexington
Frankfort
Bowling Green
Hopkinsville
Columbus
Cincinnati
Hamilton
Wilmington
Chillicothe
Hillsboro
Waverly
Gallipolis
Pt. Pleasant
Athens
Lancaster
Zanesville
Cambridge
Steubenville
Wheeling
Parkersburg
Charleston
Huntington
Ashland
Catlettsburg
Pikeville
Hazard
Jackson
Prestonsburg
Paducah
Mayfield
Hickman
Cairo
Fulton
Dyersburg
Jackson
Corinth
Tuscumbia
Decatur
Huntsville
Gadsden
Anniston
Rome
Cartersville
Dalton
Chattanooga
Knoxville
Morristown
Greeneville
Bristol
Abingdon
Pulaski
Wytheville
Lynchburg
Danville
Greensboro
Raleigh
Wilmington
Charleston
Columbia
Greenville
Spartanburg
Anderson
Augusta
Savannah
Macon
Atlanta
Rome
Gainesville
Athens
Augusta
Savannah
Longitude West from Greenwich

TENNESSEE

Land area		41,687
Water area		335
Population	(Estimated)	2,296,316
White	(U. S. Census 1910)	1,711,432
Negro		473,088
All others		269
Foreign-born white		18,459
Native white		1,692,973
Male		1,103,491
Female		1,081,298

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands			
2	Athens	I	12
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7	Bristol	G	17
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60	Chattanooga	I	11
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6	Cleveland	I	12
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1	Dunlap	I	11
1	Dyer	G	4
4	Dyersburg	G	8
2	Elizabethton	G	17
1	Erwin	G	16
3	Fayetteville	I	8
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2	Gallatin	G	8
2	Greeneville	G	16
2	Greenfield	G	4
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1	Hartswille	G	9
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2	McMinnville	H	10
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4	Paris	G	5
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2	Trenton	H	3
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Tanks, Water—Iron or Steel.
Walsh & Weidner Boiler Co The, W Main & Grove sts ..... Main 694

Tiles, Floor, Wall, Terrazzo and Mosaic.
Standard Tile Company, Chamberlain bldg. Main 1318

Tours, Chickamauga Pk., Lookout Mt. Missionary Rdg.
Chattanooga Sight Seeing Co, Patton Hotel.. Main 3186

Towers, Steel (Water Tanks, Transmission Lines, Etc.)
Walsh & Weidner Boiler Co The, W Main & Grove sts ..... Main 694

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Burdett Oxygen Co, 410 N Market ..... Main 294

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Standard Iron & Wire Works, 512 E 10th... Main 1151

JACKSON

Boilers—Portable and Stationary.
Southern Engine & Boiler Works, N Royal. Jackson 1083

Cooperage—Tight.
Harlan Morris Mfg Co, N C & M & O Rd Junction ..... Jackson 322

Engines, Kerosene.
Southern Engine & Boiler Works, N Royal. Jackson 1083

Foundry Work.
Southern Engine & Boiler Works, N Royal. Jackson 1083

Mill Supplies.
Southern Engine & Boiler Works, N Royal. Jackson 1083

Saw Mill Machinery.
Southern Engine & Boiler Works, N Royal. Jackson 1083

KNOXVILLE

Automobile Oils.
Indian Refining Co (Havoline Oil) Bell-Knoxville 323
800 Oak ..... Peoples 837
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Belting.
Alexander Bros Leather Belting (C M McClung & Co), W Jackson av ..... Knoxville 2600

Cleaning Specialties, Efficiency Service Free.
Ford J C Co The (C C Sullins, Agt) 105 W Jackson av ..... Knoxville 217

Foundries—Gray Iron Castings—Cast Iron Closet Conects
Southern Pipe & Foundry Co, 700 Island Home Pike ..... Knoxville 954

Hotels.
Hotel Atkin, Opposite Southern Ry Sta. Knoxville 3481

Leather Belting.
Alexander Bros Leather Belting (C M McClung & Co), W Jackson av ..... Knoxville 2600

Lumber—Cypress and Hardwoods—Mnfrs. & Wholesal.
Logan J M Lumber Co, Proctor Addition. Knoxville 927

Lumber, Hardwoods Mnfrs.
Vestal Lumber Mnfg Co, Maryville Pk.. Knoxville 92

Sanitariums, Mental & Nervous Diseases & Addictions.
Goetz Sanitarium Office, Empire bldg... Knoxville 8545

Show Cases, Bank, Store and Office Fixtures.
Foster W N Show Case Co, 415 State st. Knoxville 3311

Weather Strips.
Monarch Metal Weather Strip Co The (W B Martin, Distributor), Holston Bank bldg.. Peoples 2487
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MEMPHIS

Acetate of Lime.
Forest Products Chemical Co, I C & Speede av ..... Hemlock 227

Alcohol (Crude Wood).
Forest Products Chemical Co, I C and Speed av ..... Hemlock 227

Autographic Registers and Roll Printers.
Globe Register Co The (H D Staub), Randolph bldg ..... Main 3033

Automobile Oils.
Indian Refining Co (Havoline Oil).. Bell-Hemlock 1352
1115 Southern av ..... Memphis 1352
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Bags, Burlap (Mnfrs.)
Bosworth Bag Co, Carolina & I C R R..... Main 1111

Belting.
Reed & Duecker, 218-220 N Front ..... Main 1645

Belting Leather.
Detroit Oak Belting Co (N O Nelson Co), Madison & Sou Ry ..... Main 3465

Boiler Makers also Tank and Sheet Iron Works.
Bluff City Boiler & Tank Works, 19-23 E Railroad av ..... Main 5634

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Anderson-Tully Co, N 2d & I C R R..... Main 511

Cans, Paper or Fibre.
Ritchie W C & Company (W B Bayless Co), 440 N Main ..... Main 2928
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St Louis Paper Can & Tube Co, Rand bldg.. Main 2511
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Charcoal (Hardwood Retort).
Forest Products Chemical Co, I C & Speed av ..... Hemlock 227

Collecting Agencies and Mercantile Adjustments.
Consolidated Adjustment Co, Goodbar bldg, 128 Court av ..... Main 2216

Creosote Shingle Stain Oil (Wood).
Forest Products Chemical Co, I C & Speed av ..... Hemlock 227

Creosote Wood Preserving Oil.
Forest Products Chemical Co (Crewood), I C & Speed av ..... Hemlock 227

Detective Agencies.
Burns Wm J International Detective Agency The, Inc, Bank of Commerce & Trust bldg... Main 3170
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Egg Cases and Box Shooks.
Anderson-Tully Co, N 2d st & I C R R..... Main 511

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Forest Products Chemical Co, I C & Speed av ..... Hemlock 227

Lumber.
Riel-Kadel Lbr Co, P O Box 1002 ..... Walnut 150

Lumber, Hardwood and Cypress.
Anderson-Tully Co, N 2d st & I C R R..... Main 511

Lumber, White Ash Mnfrs.
Riel-Kadel Lbr Co, P O Box 1002 ..... Walnut 150

Machinery & Mill Supplies.
Reed & Duecker, 218-220 N Front ..... Main 1645

Mailing Cases.
St Louis Paper Can & Tube Co (Rosemore Co), Rand bldg ..... Main 2511
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Baum J Safe & Lock Co The (A R Taylor Co), 46 S Main.....Main 56

Veneers and Panels.
Anderson-Tully Co, N 2d st & I C R R.....Main 511

Weather Strips.
Monarch Metal Weather Strip Co The (Geo Magan, Distributor), 83 S Front.....Main 1743
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NASHVILLE

Autographic Registers and Roll Printers.
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Indian Refining Co (Havoline Oil), 11th and Hamilton .....Main 1415
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Awnings, Tents and Covers.
Hough Carter Tent & Awning Co, 434 Deaderick .....Main 1690

Bagging—Cotton, Patches & Ties, New & Second Hand.
Werthan Bag Co, 417-419-421, 22d av North.Main 1613

Bags (Mnfrs.) Burlap and Cotton New & Second Hand.
Werthan Bag Co, 417-419-421, 22d av North.Main 1613

Billposters.
Sheetz W A Poster Advertising Co, 623½ Church .....Main 4986

Broom Corn and Broom Mnfrs. Supplies.
Nashville Broom Supply Co (Thos G Hill, Mngr), 4 S 1st.....Main 4477

Cedar Pencil Slot Machinery.
Estes F L Manufacturing Co, 221, 4th av S.Main 4516

Cloaks and Suits—Wholesale Ladies and Childrens.
Eskind J & Sons, 118 Public Square.....Main 123

Collecting Agencies.
Nashville Adjustment Co, Stahlman bldg.....Main 4985

Enameled Steel Signs.
Independent Advertising Co, Independent bldg .....Main 2600

Gents Furnishing Goods Wholesale.
Eskind J & Sons, 118 Public Square.....Main 123

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Tennessee Grain Co, 49th & Centennial bl.Hemlock 143

Lighting Fixtures for all Purposes.
Brascolite (Herbrick & Lawrence, Distributors), 607 Church.....Main 1405
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Mattresses, Box Springs, Steel Couches & Davenports.
Anchor Spring & Bedding Co, cor Main & First .....Main 642

Movers, Packers, Shippers & Storage.
Durham Transfer Storage Co, 523, 8th Av So.Main 2650

Packers, Shippers, Movers & Storage of Household Goods.
Bond E M Fireproof Storage Co, 38 Arcade..Main 20
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Paper Dealers.
Chatfield & Woods Co The (James A Grundy), Stahlman .....Main 192

Pattern Makers.
Estes F L Manufacturing Co, 221, 4th av S.Main 4516

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Ambrose Printing Co, 303-305 Church.....Main 615

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Gribble Dr Power, 1519 McGavock.....Hemlock 3144
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Estes F L Manufacturing Co, 221, 4th av S.Main 4516

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Nashville College for Young Women, 20th to 21st Church st.....Hemlock 3631

Spring Beds, Steel Couches, Davenports—Mattresses.
Anchor Spring & Bedding Co, cor Main & First .....Main 642

Stave Machinery.
Estes F L Manufacturing Co, 221, 4th av S.Main 4516

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Ideal Stencil Machine The (W H Warren), 307 Fourth av N.....Main 1136
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Durham Transfer Storage Co, 523, 8th av So.Main 2650

Storage, Shipping, Packing & Moving of Household Gds.
Bond E M Fireproof Storage Co, 38 Arcade.Main 20
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Independent Advertising Co, Independent bldg.Main 2600

Teachers Agencies.
Yates Fisher Teachers Agency The (H D Yates), Stahlman bldg .....Main 1857

Tents and Awnings.
Southern Tent & Awning Co, 312, 1st av N..Main 678

Tents, Awnings and Covers.
Hough Carter Tent & Awning Co, 434 Deaderick .....Main 1690

Weather Strips.
Niagara Metal Weather Strip Co (J L Webb Screen Co), 214 Shelby av.....Main 2761

TEXAS

TEXAS

Land area	262,398
Water area	3,498
Population (Estimated)	4,472,494
White	3,204,848
Negro	690,049
All others	1,645
Foreign-born white (U. S. Census 1910)	239,984
Native white	2,964,864
Male	2,017,626
Female	1,878,916

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2 Athens .....L 2
2 Atlanta .....M 1
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2 Baird .....H 2
4 Ballinger .....H 3
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2 Bastrop .....J 5
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3 Beeville .....J 6
4 Belton .....J 3
4 Big Spring .....F 2
5 Bonham .....K 1
3 Bowie .....J 1
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2 Cooper .....L 1
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2 Henderson .....M 2
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2 Hereford .....B 2
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2 Kaufman .....K 2
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4 Kingsville .....J 7
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2 Lampasas .....I 3
16 Laredo .....H 7
2 Llano .....I 4
3 Lockhart .....J 5
5 Longview .....M 2
2 Lubbock .....F 1
3 Lufkin .....M 3
2 McGregor .....J 3
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4 Marlin .....K 3
14 Marshall .....M 2
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2 Merkel .....H 2
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5 Yoakum .....J 5
2 Ysleta .....B 3

AUSTIN

Belting.
Alexander Bros Leather Belting (The Walter Tips Co), 708 Congress av.....Austin 174

Bonds, Guarantee.
National Surety Company (Ernest L Early, State Mgr), Scarbrough bldg.....Austin 2020

Bonds, Surety.
National Surety Company (Ernest L Early, State Mgr), Scarbrough bldg.....Austin 2020

Burglary Insurance.
National Surety Company (Ernest L Early, State Mgr), Scarbrough bldg.....Austin 2020

TEXAS
SCALE
Statute Miles, 62 = 1 Inch.
The PANHANDLE of TEXAS, on Same Scale.
OKLAHOMA
NEW MEXICO
MEXICO
CHIHUAHUA
COAHUILA
GULF OF MEXICO
STAKED PLAIN
BREWSTER
PECOS
JEFF DAVIS
CULBERSON
HUDSPETH
REEVES
CROCKETT
SCHLEICHER
SUTTON
VAL VERDE
ZAVALLA
ZAPATA
STARR
HARTLEY
MOORE
OLDHAM
DEAF SMITH
ROBERTS
HEMPHILL
GRAY
WHEELER
CARSON
POTTER
CUSTER
DALLAM
SHERMAN
HANSFORD
OCHILTREE
LIPSCOMB
Amarillo
Canadian
Miami
Pampa
Lefors
Panhandle
Dalhart
Dumas
Perryton
Stinnett
Borger
Vernon
Wichita Falls
Abilene
Ardmore
Goodland
Nashville
Arkadelphia
Gurdon
Hope
Magnolia
Texarkana
Shreveport
Monroe
Natchitoches
Alexandria
Opelousas
Lake Charles
Beaumont
Port Arthur
Galveston
Houston
Brownsville
Corpus Christi
Laredo
Eagle Pass
Del Rio
Ciudad Porfirio Diaz
Nuevo Laredo
Saltillo
Monterrey
Chihuahua
Presidio
Socorro
San Marcial
Carrizozo
Capitan
Roswell
Alamogordo
Las Cruces
Carlsbad
Portales
Clovis
Tucumcari
Santa Fe
Albuquerque
Gallup
Fort Stockton
Fort Davis
Fort Lancaster
Marfa
Alpine
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Nara
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Mont Clair
Palmer
Salt Lake
Chispa
Shafter
Sanderson
Langtry
Del Rio
Eagle Pass
Laredo
Brownsville
Corpus Christi
Galveston
Port Arthur
Beaumont
Lake Charles
Shreveport
Texarkana
Ft. Smith
Little Rock
Hot Springs
Memphis
Nashville
Chattanooga
Knoxville
Asheville
Charleston
Savannah
Jacksonville
Tallahassee
Pensacola
Mobile
New Orleans
Baton Rouge
Natchez
Vicksburg
Jackson
Meridian
Birmingham
Montgomery
Atlanta
Macon
Augusta
Columbia
Charlotte
Raleigh
Norfolk
Richmond
Washington
Baltimore
Philadelphia
New York
Boston
Portland
Chicago
Cairo
St. Louis
Kansas City
Omaha
Sioux City
Des Moines
Dubuque
Milwaukee
Detroit
Cleveland
Pittsburgh
Buffalo
Toronto
Ottawa
Montreal
Quebec
Halifax
St. John
Winnipeg
Duluth
Minneapolis
St. Paul
Denver
Cheyenne
Salt Lake City
Ogden
Boise
Spokane
Portland
Seattle
San Francisco
Los Angeles
San Diego
Phoenix
Tucson
Yuma
Mexicali
Guaymas
Hermosillo
Mazatlan
Durango
Zacatecas
Aguascalientes
Guadalajara
Tepic
Mexico City
Puebla
Vera Cruz
Tampico
Monterey
Saltillo
Chihuahua
Ciudad Juarez
Nogales
Bisbee
Douglas
Deming
Lordsburg
Silver City
Las Cruces
Roswell
Amarillo
Lubbock
Abilene
Ft. Worth
Dallas
Waco
Austin
San Antonio
Corpus Christi
Laredo
Eagle Pass
Del Rio
Brownsville
Galveston
Houston
Beaumont
Port Arthur

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Leather Belting.
Alexander Bros Leather Belting (The Walter Tips Co), 708 Congress av....Austin 174

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National Surety Company (Ernest L Early, State Mgr), Scarbrough bldg.....Austin 2020

BEAUMONT

Belting.
Alexander Bros Leather Belting (E L Wilson Hardware Co), 339 Pearl New-Beaumont 29 .....Old-Beaumont 29

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Detroit Oak Belting Co (E L Wilson Hardware Co), 339 Pearl.....Beaumont 29

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Alexander Bros Leather Belting (E L Wilson Hardware Co), 339 Pearl New Beaumont 29 .....Old Beaumont 29

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Craig Mercantile Agency The, Sumpter bldg.Main 7090
Southwestern Mercantile Agency (Wholesaler's Coll. exclusively Est 1901. Under same management continuously. Largest Coll. Agency in S W. Traveling adjuster at service of patrons), Gaston bldg.....Main 3370

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Central Foundry Company The, Praetorian bldg .....Main 4431
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Inspection Bureaus.
Hunt Robert W & Co, Busch bldg.....Main 4657

Knitted & Cloth Underwear.
Superior Underware Co The, 107 N Market..Main 3381

Lighting Fixtures, Electric, for all Purposes.
Brascolite (Nunn Electric Co, Distributors), 1618 Main Bell-Main 2404 .....Automatic-Main 1448
See our Catalog Space, page 968
Reflectolyte Co The (R S Wakefield, Distributor), Busch bldg.....Main 6581
See our Catalog Space, page 969

Lockers, Steel.
Medart Fred Mfg Co (W C Hixson Rep) 1610 Bryan .....Main 5928

Macaroni Manufacturers.
National Macaroni Co, 2616 Main.....Main 1476

Mailing Cases.
St Louis Paper Can & Tube Co (M M Hinton), 1711 Griffin.....Main 4175
See our Catalog Space, page 928

Mailing Lists.
Dallas Mailing Co, 1415 Commerce.....Main 7763

Mailing Tubes.
St Louis Paper Can & Tube Co (M M Hinton), 1711 Griffin.....Main 4175
See our Catalog Space, page 928

Manhole Frames & Covers.
Central Foundry Company The, Praetorian bldg .....Main 4431
See our Advertisement, Outside Back Cover

Marine Castings.
Central Foundry Company The, Praetorian bldg .....Main 4431
See our Advertisement, Outside Back Cover

Mill Supplies.
Briggs-Weaver Machinery Co, 307-313 N Market ..... Bell-Main 732 Automatic-Main 1148

Office Equipment.
Monroe Calculating Machine Co, Oriental Hotel ..... Main 5130
See our Catalog Space, page 905

Organ Builders.
Estey Organ Company (B T Pettit), 4502 Columbia av ..... Haskell 1154

Ornamental Iron.
Southern Wire & Iron Co, Harwood & Terminal R R ..... Edgewood 232

Paper Bag Mnfrs.
Advance Bag Co The (John A Fisher Agt) 2014 North Lamar ..... Main 2325

Piston Rings—Vapor Tight.
Baker Valve Co (H W Pring & Co), 3039-41 Elm ..... Main 6891

Rubber Stamps, Badges, Buttons and Seals.
Lake Fred L & Co, 1110-12 Commerce ..... Main 43

Soil Pipe.
Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Advertisement, Outside Back Cover

Tents.
Dallas Tent & Awning Co, 2620 Main ..... Bell-Main 300 Automatic-Main 3008

Testing Laboratories.
Hunt Robert W & Co, Busch bldg ..... Main 4657

Typewriters—Portable.
Corona Typewriter Co Inc, 1612 Main ..... Main 280

Universal Cast Iron Pipe.
Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Advertisement, Outside Back Cover

Valve Boxes.
Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Advertisement, Outside Back Cover

Water Mains.
Central Foundry Company The, Praetorian bldg ..... Main 4431
See our Advertisement, Outside Back Cover

EL PASO

Autographic Registers & Roll Printers.
Globe Register Co The (Max Mayer), 1006 N Oregon ..... El Paso 3778

Belting.
Alexander Bros Leather Belting (J E Robertson & Co) 811 Mills B ..... El Paso 90

Blinds, Venetian.
Western Blind & Screen Co, Mills bldg ..... El Paso 1961

Cleaning Specialties—Efficiency Service Free.
Ford J B Co The (W H Constable & Co, Agt), 301 S Kansas ..... El Paso 56

Leather Belting.
Alexander Bros Leather Belting (J E Robertson & Co), 811 Mills B ..... El Paso 90

Motor Trucks.
Autocar Sales & Service Co The (Pioneer Motor Co Inc), 420 Myrtle av ..... El Paso 52

FORT WORTH

Broom Corn and Handles, Texas Broom Corn.
Ft Worth Broom Mfgrs Supply Co, Box 613 ..... Rosedale 3218

Chemists, Analytical and Consulting.
Fort Worth Laboratories, 206 Houston ..... Lamar 603

Detective Agencies.
Lopp A B Detective Agency, 202½ Main ..... Rosedale 1314

Multigraph Form Letters.
Circle E Letter Service, Reynolds bldg ..... Lamar 521

Sheet Metal Work.
Collinsville Manufacturing Co, 1009-15 E Front ..... Lamar 2491

Stationers Manufacturers.
Reimer Co The, 500 Travis ..... Lamar 2400

Tinners, Cornice, Skylight, Metal Roofing, Etc.
Collinsville Manufacturing Co, 1009-15 E Front ..... Lamar 2491

Weather Strips.
Monarch Metal Weather Strip Co The (Lem A Nichols Co, Distributors), Dan Waggoner bldg ..... Lamar 2727
See our Catalog Space, page 1023

GALVESTON

Boiler Makers & Repairers.
Johnson B Boiler Maker & Repair Shop, 1621 Avenue A ..... Galveston 1074

Customs Brokers.
Hawley & Letzerich, 21st & Avenue C ..... Galveston 296

Dry Docks.
Galveston Dry Dock & Construction Co ..... Galveston 96

Forwarding Agents.
Hawley & Letzerich, 21st & Avenue C ..... Galveston 296

Machine Shops, Marine Work A Specialty.
Gray's Engineering Works, 3208 Avenue D ..... Galveston 2080

HOUSTON

Accountants, Certified Public.
Ernst & Ernst, Union National Bank ..... Preston 2938

Adding Machines.
Monroe Calculating Machine Co, Beatty bldg ..... Preston 1556
See our Catalog Space, page 905

Addressing Machines.
Stickney & Montague Direx-all, Lumberman's Bank bldg ..... Preston 2979

Bagging and Ties.
Graves M M Co Inc, Houston Land & Trust Co bldg ..... Preston 815

Bank, Store and Office Fixtures, Interior Finish.
Southern Screen Co, 4310 Washington av ..... Taylor 482

Belting, Leather, Rubber, Balata and Canvas.
Southern Rubber & Belting Co, 517 Washington av ..... Preston 4392

Boilers, Stacks and Sheet Iron Works.
Tofte Boiler & Sheet Iron Works, 78 Schump ..... Preston 476

Calculating Machines.
Monroe Calculating Machine Co, Beatty bldg ..... Preston 1556
See our Catalog Space, page 905

Cans, (Mfrs.) Tin and Iron.
Moncrief Lenoir Mfg Co, 2101 Conti ..... Preston 1267

Collecting Agencies.
American Mercantile Agency The, Kress bldg ..... Preston 6310
Craig Mercantile Agency The, Union National Bank bldg ..... Preston 2620

Cotton Seed Products.
Graves M M Co Inc, Houston Land & Trust Co bldg ..... Preston 815

Detective Agencies.
Burns Wm J International Detective Agency The, Inc, Beatty bldg ..... Preston 1285
See our Catalog Space, page 988
McCane's Natl Detective Agency, Kiam bldg ..... Preston 350

Fixtures, Electric Lighting, for all Purposes.
Reflectolyte Company The (Tel-Electric Co, Distributors), 602 Preston av ..... Preston 676
See our Catalog Space, page 969

Geologists (Oil).
Deussen Alexander, Stewart bldg ..... Preston 4173

Lighting Fixtures for all Purposes.
Brascolite (The Brown-Woods Electric Co, Distributors), 709 Travis ..... Preston 794
See our Catalog Space, page 968

Macaroni Manufacturers.
Houston Macaroni Co, 110-14 Preston av ..... Preston 4746

Oil & Water Well Strainers and Supplies.
McEvoy J H & Co, 307-9-11 Washington av ..... Preston 1439

Oil Well Supplies.
Cameron-Davant Co The, 6th and Washington ..... Preston 2539

Packing Rod, Sheet and Hydraulic.
Southern Rubber & Belting Co, 517 Washington av ..... Preston 4392

Packers, Shippers, Movers & Storage of Household Goods.
Union Transfer Co Inc, 211 San Jacinto ..... Preston 2045
See our Catalog Space, page 1011

Smoke Stacks & Breechings.
Tofte Boiler & Sheet Iron Works, 78 Schump ..... Preston 476

Tanks, Steel.
Tofte Boiler & Sheet Iron Works, 78 Schump ..... Preston 476

Typewriters—Portable.
Corona Typewriter Co Inc, 408 Fannin ..... Preston 980

Water Well Strainers and Supplies.
McEvoy J H & Co, 307-9-11 Washington av ..... Preston 1439

Well Screens.
Stancliff Well Screen & Mfg Co, 811 Walnut ..... Preston 131

PORT ARTHUR

Sash, Doors and Special Mill Work.
Port Arthur Planing Mill, Lake Shore Drive ..... Port Arthur 399

SAN ANTONIO

Autographic Registers and Roll Printers.
Egry Register Co The (F J Finck, Agt), 310½ W Commerce ..... Crocket 1640

Castings—Iron Brass and Aluminum.
Alamo Iron Works, Santo Clara and Montana ..... Crocket 69

Catalog Printers
Alamo Printing Co, 601-3 Market ..... Crocket 866

Collection, Etc.
Rogers Frank R (Est 1908, no collection no charge), Brady Office bldg ..... Crocket 6722

Cornice Mfgrs. Sheet Metal.
Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

Fire Extinguishers.
Burke & Simms (The Fyr-Fyter Co), Hicks bldg ..... Crocket 696

Retinning of Sheet Metals.
Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

Roofers and Steel Ceiling Contractors.
Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

Sheet Metal Work.
Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

Skylights, Sheet Metal.
Jewett Cornice & Roofing Co, 602 Market. Crocket 1365

SHERMAN

Belting.
Alexander Bros Leather Belting (Hardwicke-Etter Co) ..... Sherman 25

Leather Belting.
Alexander Bros Leather Belting (Hardwicke-Etter Co) ..... Sherman 25

WACO

Doors, Sash and General and Special Millwork.
Waco Sash & Door Co, 24th & Mary ..... Waco 885

Glass, Plate, Art & Window.
Waco Sash & Door Co, 24th & Mary ..... Waco 885

Mill Work, General and Special.
Waco Sash & Door Co, 24th & Mary ..... Waco 885

Mirrors (Plate) Plate and Beveled.
Waco Sash & Door Co, 24th & Mary ..... Waco 885

Sash and Doors, Stock and Special.
Waco Sash & Door Co, 24th & Mary ..... Waco 885

WICHITA FALLS

Automobile Accessories, Jobbers and Distributors.
Western Auto Supply Co, 718 Indiana av ..... Wichita Falls 219

Glass Mfgrs., Window.
Wichita Falls Window Glass Co .... Wichita Falls 1223

Trucks.
Wichita Falls Motor Co ..... Wichita Falls 371

Windmills without a Pitman.
Atlas Windmill Co, Factory District. Wichita Falls 2578

UTAH

UTAH

Land area		82,184
Water area		2,806
Population	(Estimated)	438,974
White		366,583
Negro		1,144
All others		5,624
Foreign-born white	(U. S. Census 1910)	63,393
Native white		303,190
Male		196,863
Female		176,448

INDEX TO PRINCIPAL CITIES

(See Map, opposite page)

Population—Thousands

3	American Fork	F	4
2	Beaver	D	8
3	Bingham Canyon	E	3
2	Bountiful	F	3
4	Brigham	E	2
2	Cedar City	I	6
1	Coalville	G	3
2	Ephraim	F	6
3	Eureka	E	5
1	Fairview	G	5
1	Farmington	F	3
1	Fillmore	E	7
1	Grantsville	E	3
1	Gunnison	F	6
2	Heber	G	4
1	Hooper	E	2
2	Hyrum	F	1
3	Lehi	F	4
1	Lewiston	F	1
8	Logan	F	1
2	Mammoth	E	5
2	Manti	F	6
1	Mercur	E	4
2	Midvale	F	3
1	Milford	C	8
2	Millcreek	F	3
1	Monroe	E	7
1	Moroni	F	6
2	Mt. Pleasant	G	5
4	Murray	F	3
3	Nephi	F	5
31	Ogden	F	2
1	Panguitch	D	9
3	Park City	G	3
1	Parowan	D	9
2	Payson	F	4
2	Pleasant Grove	F	4
1	Price	H	5
1	Providence	F	1
11	Provo	F	4
3	Richfield	E	7
2	Richmond	F	1
1	Salina	F	7
117	Salt Lake City	F	3
1	Sandy	F	3
2	Smithfield	F	1
3	Spanish Fork	F	4
1	Spring City	F	6
3	Springville	F	4
2	St. George	B	10
1	Sugarhouse	F	3
3	Tooele	E	3
1	Wellsville	E	1

Population—Hundreds

5	Benjamin	F	4
7	Castle Dale	H	6
8	Castlegate	H	5
5	Centerfield	F	6
3	Charleston	G	4
6	Clarkston	F	1
6	Draper	F	4
7	Elsinore	E	7
5	Emery	G	7
8	Escalante	F	9
7	Ferron	H	6
9	Fountain Green	F	5
6	Garfield	E	3
6	Garland	E	1
5	Goshen	F	5
6	Greenriver	I	7
8	Helper	H	5
6	Hinckley	D	6
8	Huntington	H	6
9	Huntsville	F	2
7	Hyde Park	F	1
7	Kanab	D	10
5	Kanosh	E	7
9	Kaysville	F	2
6	Layton	F	2
7	Levan	F	5
5	Mapleton	F	1
5	Mayfield	F	6
5	Mendon	F	1
8	Midway	G	4
6	Minersville	C	8
6	Moab	K	7
8	Morgan	F	2
5	Myton	I	4
5	Newhouse	C	8
5	Newton	F	1
6	Orangeville	G	6
6	Paradise	F	1
3	Paragonah	D	9
8	Plain City	E	2
5	Randolph	G	1
5	Redmond	F	6
5	Riverton	F	4
7	Salem	F	4
9	Santaquin	F	5
5	Scipio	E	6
7	Scofield	G	5
5	Silver City	E	5
5	Sunnyside	I	5
8	Vernal	K	4
4	Washington	B	10
6	Willard	E	2
8	Woods Cross	F	3

SALT LAKE CITY

Adding Machines.
Monroe Calculating Machine Co, 131 South Main ..... Wasatch 4321
See our Catalog Space, page 905

Addressing Machines.
Addressograph Co (R C Farrington, Dist Mgr), Walker Bank bldg ..... Wasatch 8451
See our Catalog Space, page 907

Advertising Agents.
Gillham L S (T Ben Meldrum Co), Atlas bldg ..... Wasatch 3986

Artificial Limbs.
Fit Well Artificial Limb Co, 135 W Third South ..... Wasatch 6264
Salt Lake Artificial Limb Co The, 134 W South Temple ..... Wasatch 8128

Autographic Registers and Roll Printers.
Globe Register Co The, (Voget & McGee), Boston bldg ..... Wasatch 1975

Belting.
Alexander Bros Leather Belting (The Galigher Machinery Co), 103 W 2d ..... Main 584

Blinds, Venetian.
Western Blind & Screen Co, Boston bldg .. Wasatch 4751

Bridges, Steel.
American Bridge Company, Walker Bank bldg ..... Wasatch 890

Calculating Machines.
Monroe Calculating Machine Co, 131 South Main ..... Wasatch 4321
See our Catalog Space, page 905

Cartons, Folding Paper.
Chicago Carton Company (Paul J Dixon, Repr), Felt bldg ..... Wasatch 8633
See our Catalog Space, page 989

Concrete Mixers.
Koehring Machine Company (Harris Brothers), Atlas blk ..... Wasatch 4342

Detective Agencies.
Burns Wm J International Detective Agency The, Inc, Newhouse Hotel ..... Main 570
See our Catalog Space, page 938

Ear Tags—For Cattle, Sheep & Hogs.
Salt Lake Stamp Co, 65 W Broadway .... Wasatch 3098

Electric Lighting Fixtures, for all purposes.
Brascolite (Eardley Bros Co, Distributors), 37 East 1st South ..... Wasatch 6700
See our Catalog Space, page 968

Fibre Shipping Containers.
Chicago Carton Company (Paul J Dixon, Repr), Felt bldg ..... Wasatch 8633
See our Catalog Space, page 989

Filter Presses.
Kelly Filter Press Co, Felt B ..... Wasatch 6068

Filters—Pressure & Vacuum.
United Filters Corporation, Felt bldg .... Wasatch 6068

Inks, Marking and Stenciling.
Ideal Stencil Machine The (Salt Lake Stamp Co), 65 W Broadway ..... Washington 3099 Washington 3098
See our Catalog Space, page 1010

UTAH
SCALE
Statute Miles, 30 = 1 Inch.
Longitude West from Greenwich
SALT LAKE
TOOELE
DESERT
GREAT
SALT LAKE
WEBER
Ogden
Brigham
Bear River Bay
Morgan
Coalville
SUMMIT
UINTA MOUNTAINS
Heber
WASATCH
DUCHESNE
UINTA
Duchesne
Bad Land Cliffs
Nephi
JUAB
CARBON
Price
Castle Dale
SANPETE
Manti
EMERY
GRAND
Green River
Book Cliffs
Orange Cliffs
Red Dome
San Rafael Swell
San Rafael
Moab
Dome Plateau
Fillmore
MILLARD
Richfield
SEVIER
Loa
PIUTE
Junction
Beaver
BEAVER
Parowan
IRON
Panguitch
GARFIELD
SAN JUAN
Blanding
Bluff
Monticello
WASHINGTON
St. George
Kanab
KANE
Navajo Mt.
NAVAJO INDIAN RESERVATION
KAIBAB IND. RES.
MOHAVE
ARIZONA
NAVAJO
APACHE
Evanston
Kemmerer
Green River
Vernal
Price
Moab
Blanding
Bluff
Monticello
Kanab
St. George
Fillmore
Richfield
Beaver
Junction
Loa
Manti
Nephi
Heber
Coalville
Ogden
Brigham
Randolph
Castle Dale
Price
Vernal
Evanston
Kemmerer

SALT LAKE CITY—cont'd

Leather Belting.

Alexander Bros Leather Belting (The Galigher Machinery Co), 103 W 2d.....Main 584

Mnfrs. Agents for Building Products.

Stayner & Daly, 27 W 3d S.....Wasatch 2774

Mnfrs. Agents—Hardware & Building Materials.

Williams T A, Scott bldg.....Wasatch 7805

Packing, Rod, Sheet & Hydraulic.

Endura Mfg Co (Mountain States Rubber Co) (For Oils, Alkalies & Benzol Products), 364 S State.....Wasatch 1903

Paper Boxes, Folding.

Chicago Carton Company (Paul J Dixon, Repr), Felt bldg.....Wasatch 8633
See our Catalog Space, page 989

Parcel Post & Express Carriers.

Chicago Carton Company (Paul J Dixon, Repr), Felt bldg.....Wasatch 8633
See our Catalog Space, page 989

Press Clippings.

Intermountain Press Clipping Bureau, 315 Boston bldg.....Wasatch 3469

Rubber Stamps.

Salt Lake Stamp Co, 65 W Broadway...Wasatch 3098

Salt.

Inland Crystal Salt Co, 60 East First S.Wasatch 4547

Seals & Stencils.

Salk Lake Stamp Co, 65 W Broadway...Wasatch 3098

Sheet Iron & Metal Work.

Western Heating & Sheet Metal Works, 136 W Second South.....Wasatch 3906

Stencil Cutting Machines.

Ideal Stencil Machine The (Salt Lake Stamp Co), 65 W Broadway Washington 3097
.....Washington 3098
See our Catalog Space, page 1010

Stocks, Mining & Oil.

Dern & Thomas, Newhouse bldg.....Wasatch 977
Evans, Morris, Whitney Co, Mining Exch bldg.....Wasatch 3296

Structural Steel.

American Bridge Company, Walker Bank bldg.....Wasatch 890

Typewriters—Portable.

Corona Typewriter Company Inc, 36 W 2d S.....Wasatch 4836

Weather Strips.

Monarch Metal Weather Strip Co The (Murphy Wall Bed Co, Distributors), 1482 Edison.....Hyland 2740
See our Catalog Space, page 1023

Wire Manufacturers.

American Steel & Wire Co, Walker Bank bldg.....Wasatch 926

VERMONT

VERMONT

Land area	9,124
Water area	440
Population (Estimated)	
White	354,298
Negro	1,621
All others	37
Foreign-born white (U. S. Census 1910)	49,861
Native white	304,437
Male	153,450
Female	150,987

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

1	Alburg	B	1
1	Arlington	C	8
1	Bakersfield	D	1
2	Barnet	G	3
12	Barre	F	4
1	Barton	G	1
5	Bellows Falls	E	8
9	Bennington	C	9
1	Berkshire	E	1
2	Bethel	E	5
2	Brandon	C	5
7	Brattleboro	E	9
1	Bristol	C	4
1	Brookfield	E	4
1	Burke	H	2
22	Burlington	B	3
1	Calais	E	3
2	Castleton	C	6
1	Cavendish	E	7
1	Charlotte	C	3
1	Chelsea	F	5
1	Corinth	F	4
1	Craftsbury	F	2
1	Danby	D	7
2	Danville	G	3
1	Dorset	C	7
1	Enosburg Falls	D	1
1	Essex Junction	C	3
1	Fairfax	C	2
2	Fairfield	D	1
3	Fair Haven	B	6
1	Ferrisburg	C	4
1	Franklin	D	1
2	Hardwick	F	2
4	Hartford	F	6
1	Hartland	F	6
2	Highgate	C	1
1	Irasburg	F	1
2	Island Pond	H	1
1	Jericho	D	3
1	Lincoln	C	4
1	Londonderry	D	8
1	Lowell	F	1
2	Ludlow	E	7
2	Lyndonville	H	2
1	Marshfield	F	3
2	Middlebury	B	4
2	Montgomery	E	1
8	Montpelier	E	3
1	New Haven	C	4
3	Newport	F	1
2	Northfield	D	4
1	Norwich	F	6
1	Orleans	G	1
1	Orwell	B	5
2	Pawlet	C	7
2	Pittsford	C	6
1	Poultney	C	6
2	Pownal	C	9
3	Proctor	C	6
2	Randolph	E	5
2	Richford	E	1
1	Rochester	D	5
1	Royalton	E	5
15	Rutland	D	6
2	Shaftsbury	B	8
1	Shelburne	D	6
1	Sheldon	D	1
1	Shoreham	B	5
1	S. Royalton	F	5
3	Springfield	F	7
6	St. Albans	C	1
9	St. Johnsbury	H	3
1	Swanton	C	1
1	Thetford	F	5
1	Underhill	C	2
1	Vergennes	C	4
2	Walingford	C	7
1	Waterbury	E	3
1	W. Derby	G	1
1	Westminster	F	8
3	West Rutland	C	6
2	White River Junction	F	6
2	Williamstown	E	4
1	Williston	C	3
2	Windsor	F	7
1	Wolcott	F	2
1	Woodstock	F	6

Population—Hundreds

9	Albany	F	2
9	Bridgewater	E	6
8	Bridport	B	5
9	Canaan	I	1
9	Clarendon	D	6
9	Glover	G	2
8	Grand Isle	B	2
9	Greensboro	G	2
9	Groton	G	3
9	Lunenburg	I	3
9	Lyndon	H	2
9	Middlesex	E	3
9	Moretown	D	3
9	Mount Holly	D	7
8	Readsboro	D	9
8	Richmond	D	3
8	Starksboro	C	4
9	Topsham	G	4
9	Tunbridge	F	5
9	Westford	C	2

BARRE

Monuments & Mausoleums.

Lackawanna Monumental Works, W 2d....Barre 109-M

BELLOWS FALLS

Gummed Paper Mnfrs.

Standard Paper Co.....Bellows Falls 356

Waxed and Oiled Papers.

Robertson Paper Company.....Bellows Falls 83-W

BRATTLEBORO

Organ Builders.

Estey Organ Company.....Brattleboro 760

Organ Manufacturers.

Estey Organ Company.....Brattleboro 760

BURLINGTON

Hotels.

New Sherwood Hotel, 35 Church.....Burlington 2090

Spool and Bobbin Mnfrs.

Vermont Spool & Bobbin Co, South Champlain.....Burlington 992

NORTH BENNINGTON

Toilet Mirror Manufacturers.

Payne A S Inc, Prospect st.....North Bennington 136-4

RUTLAND

Gray Iron Castings.

Davis Chas E Foundry Co, Spruce st....Rutland 791-W

SPRINGFIELD

Aero-Plane Strut Lathes.

Gilman & Son (Branch: Fitz-Empire Double Pivot Last Co), 22 River.....Springfield 18

Gear Cutting Machinery.

Fellows Gear Shaper Co (Gear Shapers Spur, Helical, Internal, Cluster) Pearl st.....Springfield 21

Last Block Lathes.

Gilman & Son (Branch: Fitz-Empire Double Pivot Last Co), 22 River.....Springfield 18

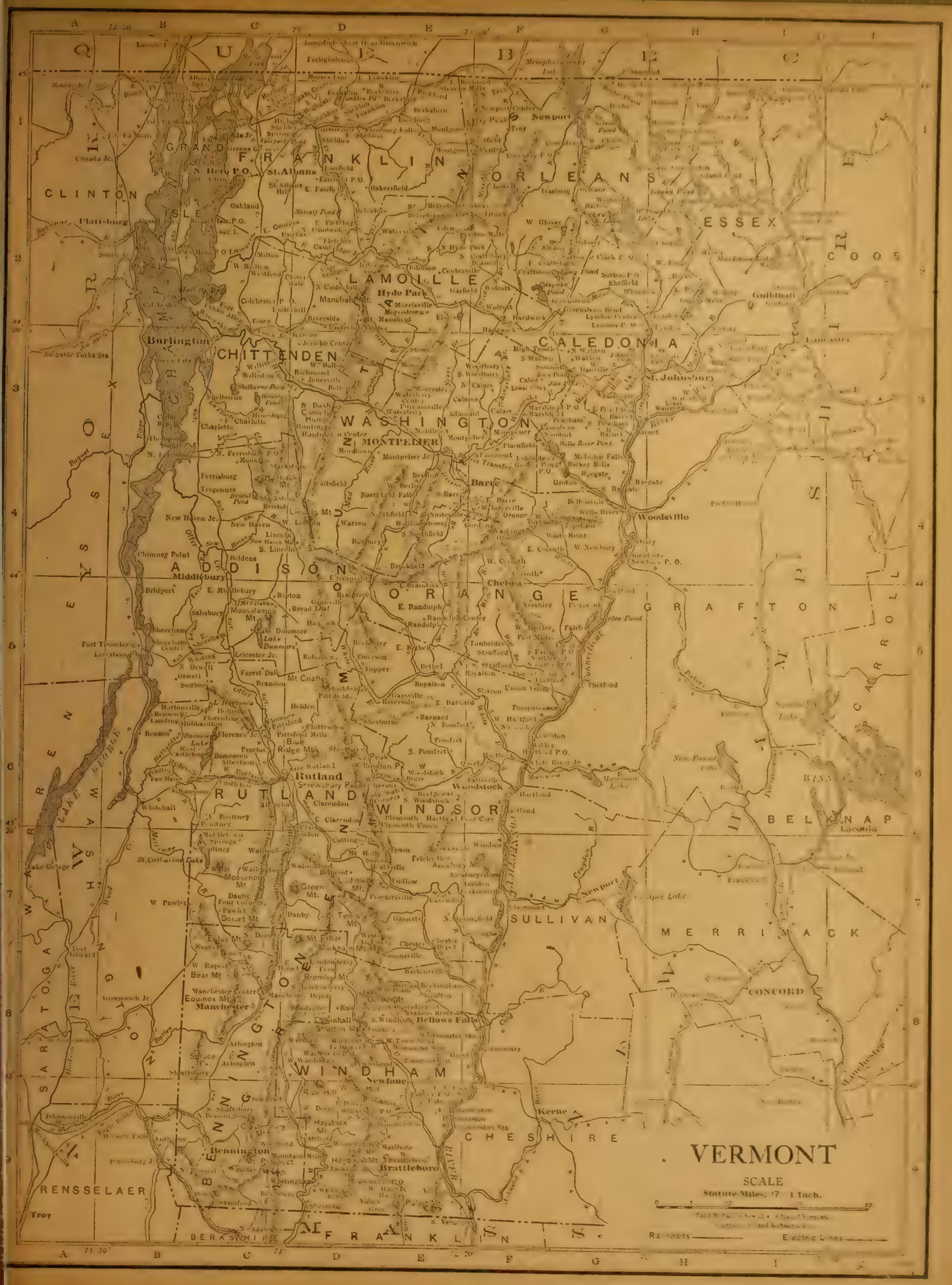
Wood Working Machinery.

Gilman & Son (Branch: Fitz-Empire Double Pivot Last Co) (Aero-Plane Struts, Shoe Lasts, Gun Stocks), 22 River.Springfield 18

WHITE RIVER JUNCTION

Pennants, Banners & Pillow Tops, Manufacturers.

Green Mountain Studios....White River Junction 215-4


VERMONT
SCALE
Statute Miles. 17 1 Inch.
Railroads
Electric Lines
CLINTON
GRAND ISLE
FRANKLIN
ORLEANS
ESSEX
COOS
LAMOILLE
CALEDONIA
CHITTENDEN
WASHINGTON
WINDSOR
ORANGE
WINDHAM
BENNINGTON
RUTLAND
ADDISON
WAYNE
CHESHIRE
SULLIVAN
MERRIMACK
BELKNAP
CARROLL
GRAFTON
RENSSELAER
BERKSHIRE
FRANKLIN
Burlington
Montpelier
Barre
Rutland
Woodstock
Bellows Falls
Brattleboro
Bennington
Manchester
Middlebury
St. Johnsbury
Newport
Hyde Park
Keene
Troy

WESTERN PORTION OF VIRGINIA.
Scale, Same as Main Map
VIRGINIA
SCALE
Statute Miles. 35 = 1 Inch.
0 5 10 20 30 40 50 60
Longitude West from Greenwich.
PENNSYLVANIA
NEW JERSEY
DELAWARE BAY
ATLANTIC OCEAN
NORTH CAROLINA
TENNESSEE
KENTUCKY
W.VA.
BALTIMORE
WASHINGTON
PHILADELPHIA
RICHMOND
NORFOLK
GREENSVILLE
LYNCHBURG
ROANOKE
GRAYSON
DICKENSON
SHENANDOAH
ROCKINGHAM
ROCKBRIDGE
BOTETOURT
BEDFORD
PITTSYLVANIA
MECKLENBURG
LUNENBURG
BRUNSWICK
NOTTOWAY
PRINCE EDWARD
BUCKINGHAM
PRINCE GEORGE
CHESTERFIELD
HENRICO
HANOVER
KING WILLIAM
KING GEORGE
STAFFORD
FAIRFAX
LOUDOUN
FREDERICK
ACCOMACK
NORTHAMPTON
PRINCESS ANNE
NORFOLK
SUSSEX
SOUTHAMPTON
ISLE OF WIGHT
JAMES CITY
YORK
GLOUCESTER
MATHEWS
ESSEX
CAROLINE
SPOTSYLVANIA
ORANGE
MADISON
CULPEPER
FAUQUIER
PRINCE WILLIAM
ALBEMARLE
FLUVANNA
GOOCHLAND
CHARLOTTE
PITTSYLVANIA
CAMPBELL
AMHERST
NELSON
BUCKINGHAM
APPOMATTOX
CUMBERLAND
PRINCE EDWARD
NOTTOWAY
DINWIDDIE
SUSSEX
SURRY
ISLE OF WIGHT
NORFOLK
PRINCESS ANNE
ACCOMACK
NORTHAMPTON
WICOMICO
SOMERSET
WORCESTER
DORCHESTER
TALBOT
QUEEN ANNE'S
KENT
CECIL
CAROLINE
DOVER
SALISBURY
BERLIN
OCEAN CITY
CAPE HENLOPEN
CAPE CHARLES
CAPE HENRY
CAPE FEAR
GREAT DISMAL SWAMP
CHESAPEAKE BAY
DELAWARE BAY
SUSQUEHANNA RIVER
POTOMAC RIVER
RAPPAHANNOCK RIVER
YORK RIVER
JAMES RIVER
ROANOKE RIVER
NEW RIVER
KANAWHA RIVER
OHIO RIVER
GREAT KANAWHA
GREAT FLAT TOP
BLUE RIDGE
ALLEGHANY MTS.
BLUE RIDGE
SHENANDOAH MTS.
CUMBERLAND MTS.
PAINT CREEK
Longitude West from Greenwich.

VIRGINIA

VIRGINIA

Land area		40,262
Water area		2,365
Population	(Estimated)	2,202,522
White	(U. S. Census 1910)	1,389,809
Negro		671,096
All others		707
Foreign-born white		26,628
Native white		1,363,181
Male		1,035,348
Female		1,026,264

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

2	Abingdon	B	4
18	Alexandria	C	9
1	Appalachia	A	2
1	Arlington	C	9
1	Ashland	E	3
2	Basic City	D	5
3	Bedford City	F	4
6	Berkley	G	11
3	Big Stone Gap	F	4
1	Blackstone	F	8
6	Bristol	B	4
3	Buena Vista	E	5
2	Cape Charles	F	12
7	Charlottesville	E	7
2	Chase City	G	6
1	Chatham	G	5
1	Chincoteague Island	E	13
2	Christiansburg	F	3
6	Clifton Forge	E	4
4	Covington	E	3
2	Crewe	F	7
2	Culpeper	D	7
1	Damascus	B	5
20	Danville	G	5
2	Dendron	F	9
2	East Radford	F	2
2	Emporia	G	8
1	Falls Church	C	9
3	Farmville	F	7
2	Fortress Monroe	G	11
2	Franklin	G	9
6	Fredericksburg	D	8
2	Fries	G	2
2	Graham	F	1
6	Hampton	G	11
5	Harrisonburg	D	6
1	Irvington	E	11
2	Lawrenceville	G	8
2	Leesburg	B	9
3	Lexington	E	4
1	Lowmoor	E	4
1	Luray	C	7
33	Lynchburg	F	5
1	Manassas	C	9
3	Marion	B	5
3	Martinsville	G	4
4	National Soldiers Home	F	11
21	Newport News	G	10
90	Norfolk	G	11
2	Norton	A	3
26	Petersburg	F	8
2	Phoebus	G	11
2	Pocahontas	F	1
40	Portsmouth	G	11
5	Pulaski	F	2
4	Radford	F	2
157	Richmond	F	9
43	Roanoke	F	4
1	Rockymount	G	3
4	Salem	F	3
2	Saltville	B	5
1	Shenandoah	D	6
1	Smithfield	G	10
4	South Boston	G	5
12	Staunton	D	6
7	Suffolk	G	11
1	Tazewell	A	5
1	Toano	F	10
2	Vinton	F	4
1	Warrenton	C	8
1	Waverly	F	9
3	Williamsburg	F	10
6	Winchester	B	7
3	Wytheville	G	1

Population—Hundreds

7	Accomac	E	12
9	Berryville	B	7
9	Blacksburg	F	2
9	Bridgewater	D	6
8	Buchanan	E	4
7	Burkeville	F	7
8	Churchland	G	11
8	Clarksville	G	6
6	Cochburn	B	3
7	Colonial Beach	D	10
7	Drakes Branch	F	6
9	Elkton	D	6
8	Galax	G	1
8	Herndon	C	9
9	Honaker	A	4
8	Hot Springs	E	4
7	Newcastle	F	3
7	Orange	D	7
7	Paint Bank	E	3
8	Parksley	E	12
8	Pennington Gap	B	2
7	Reedville	E	11
7	Richlands	A	4
7	Riverton	C	7
9	Rural Retreat	G	1
7	South Hill	G	7
8	Strasburg	C	7
8	West Norfolk	G	11
7	Winterpock	F	8
8	Wise	B	3

DANVILLE

Bricks, Mfrs.

Watson-Fitzgerald Co Inc, Danville.....Danville 234

Concrete Contractors

Watson-Fitzgerald Co Inc, Danville.....Danville 234

Grading Contractors.

Watson-Fitzgerald Co Inc, Danville.....Danville 234

Plumbing and Steam Fitting.

Vass-Watson Corporation, 314 Craig-head .....Danville 29

Roofing Contractors, Metal, Slate, Tile, Asphalt.

Vass-Watson Corporation, 314 Craig-head .....Danville 29

LYNCHBURG

Weather Strips.

Diamond Metal Weather Strip Co The (J R Clark Co), Peoples Bank bldg.....Lynchburg 1646

NORFOLK

Belting, Leather.

Detroit Oak Belting Co (Empire Machinery & Supply Corporation), 36 Commercial.Norfolk 942

Brokers—Mdse.

Rogers-McGechin Co Inc (Beans, Starch, Glucose, Syrup, Canned Goods), South-gate Terminal bldg.....Norfolk 3901

Carbonic Acid Gas.

General Carbonic Co.....Norfolk 828

Cement Mnfrs.

Giant Portland Cement Co, Bank of Com-merce bldg .....Norfolk 7954

Concrete Mixers.

Koehring Machine Company (Lewter F Hobbs), Seaboard National Bank bldg..Norfolk 3031

Electric Lighting Fixtures, for all purposes.

Brascolite (Atlantic Electric Co, Distributors), 428 Granby.....Norfolk 6600
See our Catalog Space, page 968

Electrical Supply Dealers.

Atlantic Electric Co Inc, 428 Granby.....Norfolk 6600

PETERSBURG

Air Compressors.

Stratton & Bragg Co Inc, 26 S Union..Petersburg 7

Building Materials.

Burgess D H & Co, Mechanics bldg.....Petersburg 1693

Chemicals.

Burgess D H & Co, Mechanics bldg....Petersburg 1693

Excelsior.

Petersburg Excelsior Mills.....Petersburg 1068

Exporters and Importers.

Burgess D H & Co, Mechanics bldg....Petersburg 1693

Factory Raw Materials.

Burgess D H & Co, Mechanics bldg....Petersburg 1693

General Merchandise.

Burgess D H & Co, Mechanics bldg....Petersburg 1693

Machinery, Special Designers and Mfrs.

Stratton & Bragg Co Inc, 26 S Union..Petersburg 7

PORTSMOUTH

Basket Manufacturers.

Two State Package Corp (Sales Office Penn Yan N Y) Belt Line & Gilmartin Cros-sing .....Portsmouth 1340

RICHMOND

Adding Machines.

Monroe Calculating Machine Co, 200 Lyric bldg .....Randolph 3781
See our Catalog Space, page 905

Autographic Registers and Roll Printers.

Egry Register Co The (Virginia Stationery Co Inc, Reps), 913 E Main.....Madison 7455

Baking Powder.

Southern Manufacturing Co The (Miss Princess, Good Luck, Ever Ready), 9th & Perry .....Randolph 1771

Bonds, Guarantee.

National Surety Company (Arthur M Cannon, Mgr), American National Bank bldg. Madison 7650

Bonds, Surety.

National Surety Company (Arthur M Cannon, Mgr), American National Bank bldg..Madison 7650

Burglary Insurance.

National Surety Company (Arthur M Cannon, Mgr), American National Bank bldg..Madison 7650

Calculating Machines.

Monroe Calculating Machine Co, 200 Lyric bldg .....Randolph 3781
See our Catalog Space, page 905

Cans

American Can Co, 2401 Venable.....Madison 5445

Castings, Gray Iron

Starke's Dixie Plow Works, Inc, (Grey Iron Contract Work), 7 S 15th .....Madison 2958

Cement Mnfrs.

Virginia Portland Cement Co, First Nat Bank bldg .....Madison 3014

Concrete Piles.

MacArthur Concrete Pile and Foundation Company (Montague Mfg Co, Rep) 10th & Main .....Randolph 2270

Fibre Containers.

American Can Co, 2401 Venable.....Madison 5445

Machinery—Contract—Job—Mfrs.

McConnell-Browning Engineering Co The, 1015 E Cary .....Madison 4586

Motor Trucks.

Autocar Sales & Service Co The (Terminal Motor Co Inc), 9th & Cary.....Randolph 4261

Printing Machinery, Type and Supplies.

American Type Founders Co Inc, 1320 E Franklin .....Randolph 3157
See our Catalog Space, page 1019

Pumps, Hand and Power for all Uses.

Deming Co The (Sydnor Pump & Well Co) .....Madison 925

Surety Bonds.

National Surety Co (Arthur M Cannon, Mgr), American National Bank bldg.....Madison 7650

Type Founders, Printers' Machinery and Supplies.

American Type Founders Co Inc, 1320 E Franklin .....Randolph 3157
See our Catalog Space, page 1019

Weather Strips.

Diamond Metal Weather Strip Co The (C W Montgomery), 1708 W Cary.Randolph 2029-J
Monarch Metal Weather Strip Co The (Lee-Harri-son Co Inc, Distributors), Times Dispatch bldg .....Madison 561
See our Catalog Space, page 1023

WASHINGTON
SCALE
Statute Miles, 38 = 1 Inch.
Rand McNally's New 11 x 14 Map of Washington.
Copyright by Rand McNally & Co.
Longitude West from Greenwich
DOMINION OF CANADA
VANCOUVER ISLAND
Strait of Juan de Fuca
Strait of Georgia
Puget Sound
COLUMBIA RIVER
PACIFIC OCEAN
Mt. Baker
Twin Sisters
Mt. Rainier
Mt. St. Helens
Mt. Adams
Mt. Olympus
Mt. Spokane
Mt. Ellis
Mt. Ellis
Mt. Rainier National Park
Grand Coulee Dam
Lake Chelan
Lake Cle Elum
Lake Wenatchee
Lake Chelan
Lake Cle Elum
Lake Wenatchee
Lake Chelan
Lake Cle Elum
Lake Wenatchee

WASHINGTON

WASHINGTON

Land area	66,836
Water area	2,291
Population (Estimated)	1,565,810
White	1,109,111
Negro	6,058
All others	26,821
Foreign-born white (U. S. Census 1910)	211,197
Native white	867,914
Male	658,663
Female	483,327

INDEX TO PRINCIPAL CITIES

(See map, opposite page)

Population—Thousands

10	Aberdeen	D 2
1	Anacortes	B 5
1	Arlington	B 6
1	Auburn	D 6
3	Bellingham	A 5
1	Blaine	A 5
1	Bremerton	C 5
	Buckley	D 7
	Burlington	B 6
	Camas	G 6
	Castlerock	F 4
	Centralia	E 5
	Charleston	H 7
	Chehalis	E 5
	Cheney	D 16
	Clarkston	F 16
	Cle Elum	D 9
	Colfax	E 16
	Colville	A 15
	Cosmopolis	E 3
	Davenport	C 14
	Dayton	F 15
	Edmonds	C 5
	Ellensburg	D 10
	Elma	E 3
	Everett	C 6
	Goldendale	G 9
	Hoquiam	E 2
	Kelso	F 5
	Kennewick	F 12
	Kent	D 6
	Leavenworth	C 9
	Lyndon	A 5
	Marysville	C 6
	Medical Lake	C 15
	Monroe	C 7
	Montesano	D 3
	Mt. Vernon	B 6
	Newport	B 16
	North Yakima	E 9
	Olympia	E 4
	Palouse	E 16
	Pasco	F 13
	Pomeroy	F 16
	Port Angeles	B 3
	Port Townsend	B 4
	Prosser	F 11
	Pullman	E 16
	Puyallup	D 6
	Raymond	E 3
	Renton	D 6
	Republic	A 13
	Ritzville	D 14
	Roslyn	D 9
	Seattle	C 6
	Sedro Woolley	B 6
	Shelton	D 4
	Snohomish	C 6
	South Bend	E 3
	Spokane	C 16
	Sprague	D 15
	Sunnyside	F 11
	Tacoma	D 5
	Tekoa	D 17
	Tenino	E 4
2	Toppenish	F 10
13	Vancouver	G 5
1	Waitsburg	F 14
25	Walla Walla	G 14
1	Waterville	C 10
4	Wenatchee	D 10
1	Winlock	F 4

Population—Hundreds

8	Asotin	F 17
6	Black Diamond	D 7
6	Bothell	C 6
7	Carbonado	D 7
6	Cashmere	D 10
7	Chelan	C 11
8	Chewelah	B 15
9	Concrete	A 7
6	Connell	E 12
9	Deer Park	C 15
8	Eatonville	E 6
5	Edwall	D 15
5	Endicott	E 15
8	Enumclaw	D 7
6	Everson	A 6
5	Farmington	D 16
7	Ferndale	A 5
9	Garfield	D 16
5	Granger	F 10
7	Granite Falls	B 7
7	Harrington	D 14
7	Ilwaco	F 2
6	Ione	A 16
6	Issaquah	D 7
8	Kalama	G 5
5	Kirkland	C 6
6	LaConner	B 5
5	Lacrosse	E 14
8	Lind	E 13
6	Little Falls	F 4
7	Malton	F 10
8	Malden	D 16
6	Mansfield	C 12
5	Marcus	A 14
5	Moclips	D 2
5	Northport	A 15
9	Oaksdale	D 16
5	Oakville	E 4
9	Odessa	D 13
6	Okanogan	B 11
6	Omak	B 11
5	Oroville	A 12
8	Orting	D 6
5	Othello	E 12
8	Pe Ell	E 4
7	Port Orchard	D 5
5	Prescott	F 14
5	Reardan	C 15
7	Rockford	D 16
8	Rosalia	D 16
8	Starbuck	F 14
6	Sultan	C 7
9	Sumas	A 6
9	Sumner	D 6
7	White Salmon	G 7
8	Wilbur	C 13
9	Wilkeson	D 7

ABERDEEN

Belting.

Pacific Logging Supply Co, Corner Hume & G sts.....Aberdeen 291

CENTRALIA

Scrap Iron, Metals, Sacks, Rubber, Hides.

City Junk Co, 820 Tower av.....Centralia 522

EVERETT

Collecting Agencies.

Collector Co The, Commercial bldg.....Main 267

SEATTLE

Accountants, Certified Public.

Hansen A S & Co, Leary bldg, 1010, 2d av. Main 91

Acetylene Apparatus.

Davis-Bournonville Co, 6 Colman Dock....Elliott 1088
See our Catalog Space, page 1023

Adding Machines.

Monroe Calculating Machine Co, Leary bldg .....Elliott 2618
See our Catalog Space, page 905

Addressing Machines.

Addressograph Co (E R Spies Dist Mgr) White bldg .....Main 2913
See our Catalog Space, page 907
Stickney & Montague, Direx-all, Crary bldg, cor Union & 5th.....Elliott 4975

Aeroplanes, Aeroplane Motors and Dirigibles.

Harvey, Campbell Aircraft Corp, 914, 1st av S .....

Asbestos Goods

Brower Chas R & Co, 114 Virginia.....Elliott 2049

Autographic Registers and Roll Printed Stationery.

United Autographic Register Co, Hoge bldg .....Main 3646

Autographic Registers and Roll Printers.

Egry Register Co The (B I Schwartz, Sales Agt), Central bldg.....Main 912
Globe Register Co The (Jos T Carew), L C Smith bldg .....Elliott 1568

Automobile Accessories (Mnfrs.)

Walden-Worcester Inc, (C N & F W Jonas) Pioneer bldg .....Elliott 766

Automobile Accessories—Export & Jobbing.

Chanslor & Lyon, 916 E Pike.....East 755

Automobile Wrenches.

Walden-Worcester Inc (C N & F W Jonas) Pioneer bldg .....Elliott 766

Bags—New and Used.

Ogami Sack Co, 611, 6th av S.....Main 1888

Belting.

Alexander Bros, Leather Belting, (Mill & Mine Supply Co), 317, 1st S....Main 1167

Blasting Supplies and Explosives.

Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

Blinds, Venetian.

Wester Blind & Screen Co, 911 Western av. Main 4375

Blue Print Filing Cabinets, (Wood & Steel).

Pease C F Company The (Chas E Barteau, N.W Rep), Central bldg .....Elliott 2332

Blue Print Machinery.

Pease C F Company The (Chas E Barteau, N.W. Rep), Central bldg .....Elliott 2332

Blue Print Paper.

Pease C F Company The (Chas E Barteau, N.W. Rep), Central bldg .....Elliott 2332

Blue Print Sensitizing Machines.

Pease C F Company The (Chas E Barteau, N.W Rep), Central bldg .....Elliott 2332

Box Shooks Tying Machinery.

Gerrard Wire Tying Machines Co (Gerrard Method), Hoge bldg .....Elliott 2029

Box Strapping, Soft Wire.

Gerrard Tying Machines Co (Gerrard Method), Hoge bldg .....Elliott 2029

Calculating Machines.

Monroe Calculating Machine Co, Leary bldg .....Elliott 2618
See our Catalog Space, page 905

Chemists, Analytical and Consulting.

Pacific Coast Testing Laboratory, Lyon bldg .....Main 6241

Cleaning Specialties—Efficiency Service Free.

Ford J B Co The, L C Smith bldg.....Elliott 323

Clocks.

Howard E Clock Co The (Jos Mayer & Bros, Agts), Colman bldg.....Elliott 3856

Concrete Mixers.

Koehring Machine Company NW (L A Snow, Repr), 1512, 8th av.....Main 2701

Coppersmiths.

Alaskan Copper Works, M Rosen, Prop, 1041 Railroad Av So.....Elliott 2547

Crepe Paper Napkins, Mnfrs. of Folded Napkins.

Union Paper Napkin Co, 608 Stewart.....Elliott 643

Detective Agencies.

Burns Wm J International Detective Agency The Inc, L C Smith bldg.....Main 7629
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Pacific Coast Detective Agency, Seaboard bldg, 4th & Pike.....Elliott 1653

Drafting Room Furniture & Supplies.

Pease C F Company The (Chas E Barteau, N.W. Rep), Central bldg.....Elliott 2332

Dumb Waiters.

Dally S W R, (Sedgwick Machine Works Inc) Globe bldg.....Main 678
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Dynamite and Blasting Supplies.

Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

Electric Clocks, Self-winding and Program.

Howard E Clock Co The (Jos Mayer & Bros, Agts), Colman bldg.....Elliott 3856

Electric Lighting Fixtures and Supplies.

Brascolite (Lushington Electric Co, Distributors), 1312-14, 1st av.....Main 6236
See our Catalog Space, page 968

Engineers.

Hunt Robert W & Co, Metropolitan bldg....Main 563

Envelopes.

Washington Envelope Corporation, 816-824 James .....Main 2715

SEATTLE—continued

Explosives and Blasting Supplies.
Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

Export Freight Brokers.
Overseas Shipping Company, L C Smith bldg .....Elliott 1343

Forwarding Agents.
Overseas Shipping Company, L C Smith bldg .....Elliott 1343

Freight Contractors.
Anglo-Oriental Shipping Co Inc, Arctic bldg.Elliott 507
Overseas Shipping Company, L C Smith bldg .....Elliott 1343

Gear Cutting Machinery.
Fellows Gear Shaper Co (Hallidie Machinery Co, Agts), Occidental av & King.....Main 2651

Hoists & Derricks.
Clyde Iron Works, 542, 1st av S.....Main 1235

Inspection Bureaus.
Hunt Robert W & Co, Metropolitan bldg....Main 563

Laundry Machinery.
Troy Laundry Machinery Co Ltd, 114 King.Elliott 4331
See our Catalog Space, page 966

Leather Belting.
Alexander Bros, Leather Belting, (Mill & Mine Supply Co), 317, 1st S.....Main 1167

Lockers, Steel.
Medart Fred Mfg Co, (D E Fryer & Co Rep) Lumber Exch bldg.....Main 1819

Machinery, New & Rebuilt, Backed by full Guarantee.
Chicago Machy & Equipment Co, 926, 1st av S .....Main 241

Mailing Lists, Addressing, Circularizing.
Stewart Mailing List Co (Farmers Complete, Washington, Oregon, Idaho Specialty), Transportation bldg .....Main 5530

Marine Insurance.
Anglo-Oriental Shipping Co Inc, Arctic bldg.Elliott 507

Marine and Locomotive Clocks.
Howard E Clock Co The (Jos Mayer & Bros, Agts), Colman bldg.....Elliott 3856

Office Furniture—Steel.
General Fireproofing Co The, Alaska bldg...Elliott 3406

Oxy-Acetylene Apparatus.
Davis-Bournonville Co, 6 Colman Dock.....Elliott 1088
See our Catalog Space, page 1023

Powder and Blasting Supplies.
Du Pont de Nemours E I & Company, Maynard bldg .....Main 3394

Press Clippings.
Fullers News Bureau, Pacific bldg.....Main 285

Safes.
Baum J Safe & Lock Co The (Norris Safe & Lock Co), 309-11 Third av.....Main 3279
Purcell Safe Co, 806, 3d av.....Main 667

Shoes, Wholesale.
Purcell Lawrence M Co, 806, 3d av.....Main 667

Testing Laboratories.
Hunt Robert W & Co, Metropolitan bldg....Main 563

Tower Clocks.
Howard E Clock Co The (Jos Mayer & Bros, Agts), Colman bldg.....Elliott 3856

Typewriters—Portable.
Corona Typewriter Company Inc, 720, 2d av.Elliott 5447

Watchman's Clock Mfrs.
Howard E Clock Co The (Jos Mayer & Bros, Agts), Colman bldg.....Elliott 3856

Water Supply Systems.
Crane Co (Leader Iron Works), 419, 2d av South .....Elliott 5540

Weather Strips.
Monarch Metal Weather Strip Co The (H S Drake, Distributor), Empire bldg.....Main 7998
See our Catalog Space, page 1023

Welding Apparatus.
Davis-Bournonville Co, 6 Colman Dock.....Elliott 1088
See our Catalog Space, page 1023

Wire Manufacturers.
United States Steel Products Co, 4th S and Connecticut .....Main 1972

Wire Tying Machinery.
Gerrard Wire Tying Machines Co (Gerrard Method), Hoge bldg .....Elliott 2029

Wrenches.
Walden-Worcester Inc, (C N & F W Jonas) Pioneer bldg .....Elliott 766

SPOKANE

Accountants.
Commercial Accounting Co, Spokane and Eastern Trust bldg.....Main 2398

Autographic Registers and Roll Printers.
Egry Register Co The (L E Hinnekamp District Sales Agt) Empire State bldg.....Main 6739

Box Shooks, Shingles, K. D. Frames and Lumber.
Hedlund Box & Shingle Co, Stone and Broadway .....Hyland 1082

Cement Mnfrs.
International Portland Cement Co Ltd, Old National Bank bldg.....Main 3764
Lehigh Portland Cement, Old National Bank bldg .....Main 299

Collecting Agencies.
Merchants Collection Co, Peyton bldg.....Main 3801

Detective Agencies.
Burns Wm J International Detective Agency The Inc, Old National Bank bldg.....Main 2178
See our Catalog Space, page 938
Swain International Detective Agency The (E L Zimmerman, Mngr), Empire State bldg..Main 725

Electric Lighting Fixtures, for all Purposes.
Brascolite (The Washington Electric Supply Co, Distributors), 907 Riverside av.....Main 3280
See our Catalog Space, page 968

Lighting Fixtures, Electric, for all Purposes.
Brascolite (The Washington Electric Supply Co, Distributors), 907 Riverside av.....Main 3280
See our Catalog Space, page 968

Lockers, Steel.
Medart Fred Mfg Co, (Frank L Colvin Rep), Peyton bldg .....Main 2672

Poles (Wood).
Chapin E T Co, Columbia bldg.....Main 1157

Printing Machinery, Type and Supplies.
American Type Founders Co, Sprague av and Browne .....Main 413
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Stenographer, Address'g, Circulars, Depositions, Notary.
Thompson Monica B, Stenographic Offices (Offices Open Evenings till 11:00), Eagle bldg...Main 4272

Storage, Distributing—Forwarding.
Seeborn Storage & Transfer Co, 161 S Lincoln .....Riverside 539

Type Founders, Printers' Machinery and Supplies.
American Type Founders Co, Sprague av and Browne .....Main 413
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Typewriters—Portable.
Corona Typewriter Company Inc, 14 Howard..Main 3562

Water Supply Systems.
Hughes & Co (Leader Iron Works), 119 S Howard .....Main 698

Weather Strips.
Monarch Metal Weather Strip Co The (C E Curtis, Distributor), 120 Browne.....Main 1757
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TACOMA

Explosives and Blasting Supplies.
Tacoma Explosives and Development Co, Fidelity bldg .....Main 6225

Pipe (Wooden).
American Wood Pipe Co, South 32d and Cedar .....Main 2144

Soaps, Mfrs., Liquid, Surgical and Auto Soaps.
Tacoma Soap Mfg Co, 756-758 Market.....Main 1520

Tar By-Products, Insecticides, Disinfectants.
Standard Chemical Co (Creosote Oils, Carbolineum, Cresols, Benzol, Fertilizers), 22d & Dock.Main 5486

WALLA WALLA

Autographic Registers and Roll Printers.
Egry Register Co The (W P Williams, Agt), Drumheller bldg.....Walla Walla 895

YAKIMA

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General Stenographers, Miller bldg.....Yakima 398

Engineers, Civil & Hydraulic.
Hewitt Chas E, Miller bldg, 1701 Summit View av .....Yakima 219

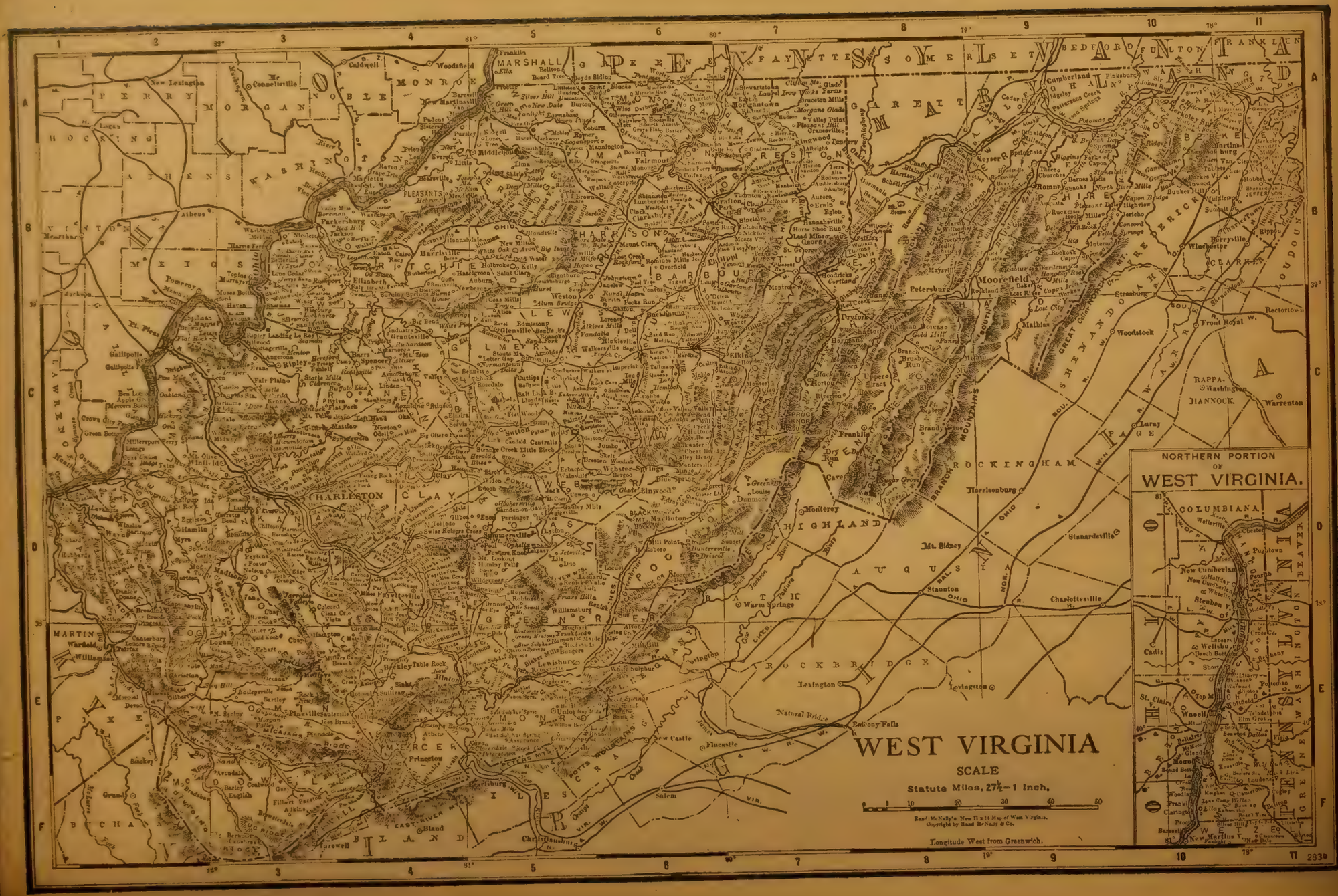
The Man Who Abandons His Markets

¶ The man who abandons his market harms his self interests and injures the whole fabric of commerce. But the man who firmly and continuously maintains his markets—not only strengthens the organization he directs, but develops soundness and faith in the nation's future.

¶ Business for the year 1918 is likely to be just what the business men of America make it. If your sales force has been called to serve the colors—use this National Directory to fill the gap. It will carry your sales story to thousands of purchasing headquarters.

¶ Put every ounce of energy to work in order that its cumulative effect may bring its reward. Prepare the pathway of sales, in order that your business may be made safe for peace—and the great prosperity to come, when the nations of the world must be re-built, re-clothed and re-furnished. Help protect your market, by telling your story in

Donnelley's National Classified Telephone Directory and Buyers' Guide


WEST VIRGINIA
SCALE
Statute Miles, 27½ = 1 Inch.
0 10 20 30 40 50
Rand McNally's New Pl x 14 Map of West Virginia.
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Longitude West from Greenwich.
NORTHERN PORTION OF WEST VIRGINIA.
COLUMBIANA
MARSHALL
MONROE
HARRISON
BARBOUR
HARLESTON
CLAY
ROCKINGHAM
HIGHLAND
AUGUST
ROCKBRIDGE
MARTIN
MERCER
Parkersburg
Clarksburg
Fairmont
Morgantown
Wheeling
Charleston
Huntington
Staunton
Lexington
Harrisonburg
Moorefield
Petersburg
Romney
Keyser
Cumberland
Bluefield
Princeton
Pulaski
Salem
Bland
Christiansburg
Natural Bridge
Buchanan
Warm Springs
Monterey
Mt. Sidney
Stanardsville
Charlottesville
Luray
Woodstock
Front Royal
Warrenton
Winchester
Berryville
Rappahannock
Washington
Pughtown
Cadiz
Steubenville
Wheeling
Wellsburg
Weirton
Moundsville
Parkersburg
Ripley
Ravenswood
Point Pleasant
Gallipolis
Pomeroy
Ironton
Huntington
Ashland
Catlettsburg
Kenova
Williamson
Welch

WEST VIRGINIA

WEST VIRGINIA

Land area	24,022
Water area	148
Population (Estimated)	1,399,320
White	1,156,817
Negro	64,173
All others	129
Foreignborn white (U. S. Census 1910)	57,072
Native white	1,099,745
Male	611,041
Female	577,075

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8	Clendenin	C	4
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9	Horton	C	7
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8	Lewisburg	E	5
8	Mason	B	2
8	Milton	D	2
8	Newburg	B	7
8	Oak Hill	D	4
9	Pennsboro	B	4
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CHARLESTON

Accountants.

State Public Service Utility Audit & Investigating Co, Kan Natl Bank bldg.....Charleston 1053
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Auditors.

State Public Service Utility Audit & Investigating Co, Kan Natl Bank bldg.....Charleston 1053
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CLARKSBURG

Belting, Leather.

Detroit Oak Belting Co (Williams Hardware Co), 507 Baltimore.....Clarksburg 890

DUNBAR

Dies, Lamination, Etc.

Dyson Tool & Mfg Co.....Dunbar 1998

Experimental Work.

Dyson Tool & Mfg Co.....Dunbar 1998

Gages

Dyson Tool & Mfg Co.....Dunbar 1998

Jigs and Fixtures.

Dyson Tool & Mfg Co.....Dunbar 1998

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Dyson Tool & Mfg Co.....Dunbar 1998

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Grayson Tool & Mfg Co.....Dunbar 1998

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Grayson Tool & Mfg Co.....Dunbar 1998

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Grayson Tool & Mfg Co.....Dunbar 1998

Special Machinery.

Grayson Tool & Mfg Co.....Dunbar 1998

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Grayson Tool & Mfg Co.....Dunbar 1998

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Fairmont Wall Plaster Co,.....Fairmont 1520

Coal Producers.

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Harry B Coal & Coke Co, Home Savings Bank bldg.....Fairmont 1440
Madeira-Hill-Clark Coal Co, Home Savings Bank bldg.....Fairmont 1440

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Indian Refining Co (Havoline Oils), 20th st and First av.....Huntington 1237
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Blasting Supplies and Explosives.

Du Pont de Nemours E I & Company, Robson-Prichard bldg.....Huntington 336

Brokers—Stocks, Grain and Cotton.

Williams & Monroe, First National Bank bldg.....Huntington 1014

Dynamite and Blasting Supplies.

Du Pont de Nemours E I & Company, Robson-Prichard bldg.....Huntington 336

Enameled Ware (Cooking Utensils).

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Explosives and Blasting Supplies.

Du Pont de Nemours E I & Company, Robson-Prichard bldg.....Huntington 336

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Fifth Ave Hotel, 5th av and 9th.....Huntington 1427

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Wolf-Pollock Co (Dealers in Scrap Iron, Metals, etc), foot 13th.....Huntington 31

Lumber Dealers, Wholesale and Retail.

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Lumber Hardwood Mfrs.

Ritter C L Lumber Co, First Natl Bank bldg.....Huntington 1396

Lumber, Wholesale and Retail.

Carolina Pine Lumber Co The.....Huntington 486

Packing, Rod, Sheet & Hydraulic.

Endura Mfg Co, (Miller Supply Co) (For Oils, Alkalies & Benzol Products), 742, 3d av.....Huntington 827

Powder and Blasting Supplies.

Du Pont de Nemours E I & Company, Robson-Prichard bldg.....Huntington 336

Weather Strips.

Monarch Metal Weather Strip Co The (J J Weiler, Distributor), P O Box 648.Huntington 1299
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Broom Mnfrs.

Bardall J C Co,.....Moundsville 69-R

PARKERSBURG

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Zero Oil Co, 101, 1st.....Parkersburg 17
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Oils, Natural W. Va. Rubbing.

Zero Oil Co, 101, 1st.....Parkersburg 17
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Tiles, Quarry for Floors.

United States Roofing Tile Co The..Parkersburg 321-R

WHEELING

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North Wheeling Glass Bottle Co, 300 Main.....Wheeling 911

Bricks, Mnfrs.

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Fire Clay, Ground or Flaked.

Mack Mfg Co, German Bank bldg.....Wheeling 888

Furnace Brick (Mill Brick).

Mack Mfg Co, German Bank bldg.....Wheeling 888

Ladle Brick.

Mack Mfg Co, German Bank bldg.....Wheeling 888

Mill Brick (Fire Clay).

Mack Mfg Co, German Bank bldg.....Wheeling 888

Plumbers Earthenware.

Wheeling Sanitary Mfg Co, 4th and West Wheeling 765

Pork Packers.

Kaibitzer C Packing Co The, 4128 Water.....Bell-Wheeling 1695, National 1726

Wool Dealers.

Horkheimer Bros, 16th and Main.....Wheeling 804

WISCONSIN
SCALE
Statute Miles, 41 = 1 Inch.
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LAKE MICHIGAN
ST. LOUIS
CARLTON
DOUGLAS
BAYFIELD
ASHLAND
IRON
ONTONAGON
GOGEBIC
BARAGA
MARQUETTE
DICKINSON
DELTA
MENOMINEE
FLORENCE
MARINETTE
OCONTO
BURNETT
WASHBURN
SAWYER
PRICE
FOREST
POLK
BARRON
RUSK
TAYLOR
LINCOLN
LANGLADE
OCONTO
ST. CROIX
DUNN
CHIPPEWA
MARATHON
SHAWANO
PIERCE
EAU CLAIRE
CLARK
WOOD
PORTAGE
WAUPACA
OUTAGAMIE
BROWN
KEWAUNEE
DOOR
GOODHUE
BUFFALO
JACKSON
WABASHA
MANITOWOC
OLMSTED
WINONA
LA CROSSE
MONROE
JUNEAU
ADAMS
WAUSHARA
WINNEBAGO
MARQUETTE
GREEN LAKE
FOND DU LAC
SHEBOYGAN
MOWER
FILLMORE
HOUSTON
VERNON
RICHLAND
SAUK
COLUMBIA
DODGE
WASHINGTON
HOWARD
WINNESHIEK
ALLAMAKEE
CRAWFORD
MADISON
JEFFERSON
WAUKESHA
CHICKASAW
FLOYD
CERRO GORDO
WORTH
FAYETTE
CLAYTON
GRANT
LAFAYETTE
GREEN
ROCK
WALWORTH
RACINE
KENOSHA
BREMER
BUTLER
BLACK HAWK
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DELAWARE
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JO DAVIESS
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LAKE
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Aurora
Wheaton
Mt. Carroll
Dixon
Rock Island
Moline
Davenport
Clinton
Lake Superior
Lake Michigan
Lake Huron
Lake Winnebago
Lake Geneva
Lake Michigan
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WISCONSIN

WISCONSIN

Land area	55,256
Water area	810
Population (Estimated)	2,513,758
White	2,320,555
Negro	2,900
All others	10,105
Foreign-born white (U. S. Census 1910)	512,569
Native white	1,807,986
Male	1,208,578
Female	1,225,282

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Doors, Combination Storm and Screens.

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Paper, Toilet and Towels, Folded and in Rolls.

Northern Paper Mills, Madison and Bay.Green Bay 4470

KENOSHA

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Leather Belting.

Alexander Bros, Leather Belting (La-Crosse Plumbing Supply Co), 216 S Front .....LaCrosse 260

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Appraisers.

American Appraisal Co The, 161 Michigan..Main 1727
Fidelity Appraisal Company, University bldg.Main 4130
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Rau Appraisal Co, Patton bldg.....Grand 3122

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Bearings, Die Cast.
Milwaukee Die Casting Co, 297, 4th.....Grand 1133

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Milwaukee Brush Manufacturing Co The, 51-65 Erie .....Main 2097

Burlap Importers and Bag Mnfrs.
Milwaukee Bag Co, 206-220 S Water....Hanover 3022

Calendar Mfrs. Commercial, Daily, Weekly & Monthly.
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American Can Co,428 Grand av.....Grand 2508

Castings.
Gerlinger Steel Casting Co, 60th & National aves .....W Allis 19

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Ford J B Co The, First Natl Bank bldg....Main 3821

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Concrete Mixers.
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Seeboth Albert G Co, 230 Mineral.....Hanover 532

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Pawling & Harnischfeger Co, 38th and National avs .....Orchard 3055

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Wilson's Detective Agency, Mack blk.....Main 1705

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Wheel Trueing Tool Co, Wells bldg.....Main 351

Die Castings.
Milwaukee Die Casting Co, 297, 4th.....Grand 1133

Die Makers and Machinists.
Sterling Metal Parts Co, 1454 Eighth av.Hanover 2173

Dies, Jigs and Tools Wks
Wisconsin Tool & Supply Co, Enterprise BldgGrand 3449

Directory Publishers.
Donnelley Reuben H Corporation The (Publishers Classified Telephone Directories), Majestic bldg .....Grand 511

Distributors, National (Advertising Matter, Samples).
Reliance Advertising Agency, Merchants & Mnfrs Bank bldg.....Grand 2486

Draughtsmen.
Otto F A, 133, 2nd.....Grand 2504

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Otto F A, 133, 2nd.....Grand 2504

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Trester Service Electric Co, 47 Oneida.....Main 2466

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Sorgel Electric Co, 138 West Water.....Grand 290
Trester Service Electric Co, 47 Oneida.....Main 2466

Electric Motors & Generators (New and Used).
Sorgel Electric Co, 138 West Water.....Grand 290
Trester Service Electric Co, 47 Oneida.....Main 2466

Electric Starters Repaired.
Wiese Electrical Appliance Co, 3217 Lisbon av ..... Kilbourn 965

Electrical Experimental Work.
Wiese Electrical Appliance Co, 3217 Lisbon av ..... Kilbourn 965

Electrical Inspection—Public Utilities.
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Sorgel Electric Co, 138 West Water..... Grand 290
Trester Service Electric Co, 47 Oneida..... Main 2466

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Chain Belt Company, 762 Park..... Hanover 3000

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Western States Envelope Co, 117-118 Ferry ..... Hanover 1888

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Erwin Mfg Co, Montgomery bldg..... Main 1157

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Munson Kenney Company The, 460 Broadway. Main 660

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Obenberger John Forge Co, Burnham and 53d av ..... West Allis 514
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Jaeschke Bros Foundry Co, 3036 Locust. Kilbourn 191

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Sterling Wheelbarrow Co, West Allis.... W Allis 380
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Fuller-Warren Co The, 32d and Wright. Kilbourn 4515

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Milwaukee Reliance Boiler Works, 1102-30, 32d ..... Kilbourn 262

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Sorgel Electric Co, 138 West Water..... Grant 290
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Petley Rubber Mfg Co, 241 Oregon.....Hanover 860

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Schwaab Stamp & Seal Co The, East Water and Michigan .....Main 662

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Teweles L Seed Co, 114 Clybourn.....Grand 1321

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Milwaukee Stamping Co, 300, 64th av West Allis .....W Allis 62

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Gerlinger Steel Casting Co, 60th & National aves .....W Allis 19
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Milwaukee Reliance Boiler Works, 1102-30, 32d .....Kilbourn 262

Stoves and Ranges Mnfrs.
Fuller-Warren Co The, 32d and Wright.Kilbourn 4515

Tanks.
Milwaukee Reliance Boiler Works, 1102-30, 32d .....Kilbourn 262

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Rexford Gummed Tape Co, 598 Clinton..Hanover 314

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Tools, Dies, Gauges, Special Machinery.
Wisconsin Tool & Supply Co, Enterprise bldg ..... Grand 3449

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Water Screens Traveling.
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Milwaukee Air Power Pump Co, 886, 3d..Lincoln 4800

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Monarch Metal Weather Strip Co The (E T Ver Halen, Distributor), 445 Milwaukee.....Main 836
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Gray F M Jr, M & M Bank bldg.....Grand 3762

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Banker C I, 213 Reed.....Hanover 1578

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Wire Lamp Shade Frames.
Milwaukee Wire Frame Co, Mnfrs Home bldg.Main 2497

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Oshkosh Bottle Wrapper Co, 101-127 Ohio .....Oshkosh 1106

Match Machinery Manufacturers.
Pine-Ihrig Machine Co, 36 Marion.....Oshkosh 2378

Stamping, Anything in Sheet Metal.
Schloemer Mfg Co, 388-392 Division....Oshkosh 3156

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Case J I, T M Co, State and Douglas....Racine 103
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Basket Manufacturers, All Splint and Wooden.
Belle City Basket Co, ... Racine 1587

Cutting Off Machines, High Speed Hack Saw.
Peerless Machine Co, 1610 Racine.....Racine 5303

Door Fasteners.
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Racine Iron & Wire Works, Prospect cor Superior .....Racine 1254

Hack Saw Machines.
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Racine Auto Tire Co, 14th and Clark.....Racine 602

Threshers—Grain.
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Tractors—Kerosene & Steam.
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Packing Pads.
Excelsior Wrapper Co, 1635 Erie av...Sheboygan 44

SOUTH MILWAUKEE

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Duplex Manufacturing Co, 1506 Central blvd .....Bell-Superior 240
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Engines, Oil, Marine and Stationary.
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Furniture, Fibre.
Kenyon R L Co The, Albert & East St Paul av .....Waukesha 226

Malted Milk.
Thompson's Malted Food Co, Riverside Drive .....Waukesha 643

WYOMING
Rand McNally's New 11 x 14 Map of Wyoming.
Copyright by Rand McNally & Co.
SCALE
Statute Miles, 40=1 Inch.
RAILROADS
ELECTRIC LINES
YELLOWSTONE NATIONAL PARK
CARBON
FALLON
CUSTER
BUTTE
SHERIDAN
CROOK
BIG HORN
PARK
CAMPBELL
JOHNSON
WESTON
WASHAKIE
HOT SPRINGS
PENNINGTON
BLACK HILLS
LINCOLN
CONVERSE
NIOBRARA
NATRONA
FREMONT
FALL RIVER
DOUGLAS
PLATTE
GOSHEN
SCOTTS BLUFF
SWEETWATER
CARBON
ALBANY
LARAMIE
BANNER
KIMBALL
CHEYENNE
UINTA
SUMMIT
MCOFFA
ROUTT
JACKSON
LARIMER
Longitude West from Greenwich

WYOMING

WYOMING

Land area	97,594
Water area	320
Population (Estimated)	182,264
White	138,331
Negro	609
All others	2,765
Foreign-born white (U. S. Census 1910)	23,575
Native white	113,916
Male	79,968
Female	58,363

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Population—Thousands

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4 Casper .....E 11
11 Cheyenne .....H 14
1 Cody .....B 5
2 Douglas .....E 12
3 Evanston .....H 2
1 Green River....H 5
1 Hanna .....G 11
1 Kemmerer .....G 3
2 Lander .....E 6
8 Laramie .....H 12
3 Rawlins .....G 9
6 Rock Springs...G 5
13 Sheridan .....A 9
1 Superior .....G 5
1 Thermopolis ..C 7

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2 Aladdin .....A 15
3 Almy .....H 2
2 Atlantic City....E 6
1 Auburn .....E 2
4 Baggs .....H 8
8 Basin .....B 7
1 Beulah .....A 15
2 Big Horn.....A 10
1 Bridger .....H 2
2 Burlington .....B 6
3 Burns .....H 15
7 Cambria .....O 5
2 Clearmont .....A 10
3 Cokeville .....F 2
6 Cowley .....A 7
5 Cumberland ....G 2
1 Dayton .....A 9
2 Dietz .....A 10
1 Dixon .....H 9
2 Elk Mountain...G 10
2 Encampment ...H 10
1 Fairview .....E 2
1 Fort Fred Steele G 10
1 Foxpark .....H 11
7 Frontier .....G 2
7 Frontier .....G 3
1 Garland .....A 6
1 Germania .....B 6
5 Gillette .....B 13
2 Glenrock .....L 12
4 Greybull .....B 8
2 Guernsey .....F 14
2 Gunn .....G 5
2 Hulett .....A 14
2 Hyattville .....B 8
2 Jackson .....C 2
1 Kaycee .....C 10
1 Lookout .....G 12
6 Lovell .....A 7
4 Lusk .....E 15
2 Manderson .....B 7
1 Manville .....E 14
1 Medicine Bow...G 11
2 Meeteetse .....B 5
1 Mooreroft .....B 14
7 Newcastle .....C 15
1 Opal .....G 3
1 Otto .....B 7
2 Parkman .....A 9
1 Piedmont .....H 3
2 Pinebluff .....H 15
3 Powell .....A 6
1 Rambler .....H 9
2 Ranchester .....A 9
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Addressograph Sales Co (J Clement, Dist Mgr), Power bldg.....Main 2249
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National Appraisal Co, 120 St James.....Main 806

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Federal Asbestos Co (Mine Owners and Producers. Raw Asbestos) 282 St Catherine West.Uptown 6120
Jacobs Asbestos Mining Co of Thetford, Ltd (Mine Owners and Producers. Raw Asbestos) 282 St Catherine West .....Uptown 6120

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Tiles and Brick.

McKenna Donald L.....Ridgeway 782

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Inspection Bureaus.
Hunt Robert W & Co Ltd, Standard Bank bldg . . . . . Seymour 2199

Testing Laboratories.
Hunt Robert W & Co Ltd, Standard Bank bldg . . . . . Seymour 2199

WINDSOR, ONTARIO

Water Supply Systems.
Wing J T & Co Ltd (Leader Iron Works), 79-85 Pitt East . . . . . Windsor 902

WINNEPEG, MAN.

Addressing Machines.
Addressograph Sales Co (F J Dubois, Dist Mgr), 333 Main . . . . . Main 3314
See our Catalog Sapce, page 907

Cleaning Specialties, Efficiency Service Free.
Ford J B Co The (Stanley Brock Ltd, Agt), 80 Lombard . . . . . Main 9190

CUBA

HAVANA

Cleaning Specialties.
Ford J B Co The (J M Jiminez Agt), Amargura 55 . . . . . Havana-A9867

Motor Trucks.
Autocar Sales & Service Co The (Frank G Robins Co), 69 Obispo Havana-A8712

ENGLAND

LONDON

Detective Agencies.
Burns Wm J International Detective Agency The, Inc, Crown Chambers . . . . . Regent 3004
See our Catalog Space, page 938

Engineers.
Hunt Robert W & Co, Norfolk House, Cannon E C . . . . . City 7372

Freight—Foreign Contrs & Forwarders, Custom Brokers.
Faunce John H, 33 St Marys-at-Hill, Eastcheap, London . . . . . Avenue 1797

Inspection Bureaus.
Hunt Robert W & Co, Norfolk House, Cannon E C . . . . . City 7372

Testing Laboratories.
Hunt Robert W & Co, Norfolk House, Cannon E C . . . . . City 7372

JAPAN

TOKIO

Sauce, Chinese.
Imperial Soy Company ("Imperial Soy")) . . . . . .

SCOTLAND

GLASGOW

Belting.
Alexander Bros, Leather Belting (Andrew McLean & Co)

Leather Belting.
Alexander Bros, Leather Belting (Andrew McLean & Co)

¶ "Tell them you saw it in The National Red Book."

¶ When you write to any person, firm, or corporation listed in this Directory and Buyers' Guide—be sure to say that your inquiry, order or letter is in response to their listing in the "National Red Book."

¶ In return for the service this book renders in guiding you in your work, you can advance your own interests further by such action.

¶ It is the only way in which we can continue to improve the service being rendered and extend the scope of our efforts for the benefit of Purchasing Agents and other Executives who direct or influence the buying and selling of materials, supplies and services.

¶ In other words you can get more out of this Directory by helping us put more into it. Your co-operative assistance is earnestly solicited and will be cordially appreciated.

¶ We are endeavoring—and we believe successfully—to build up a source of information and service for business executives that will exceed the value of any other similar medium.

¶ It is only with your reciprocation that we can best do our work. "Tell them you saw it in The National Red Book" when you write or order.

Donnelley's
National Classified
Telephone Directory
and
Buyers' Guide

633 Plymouth Court Chicago, Ill.

COATES-KENDALL CORPORATION

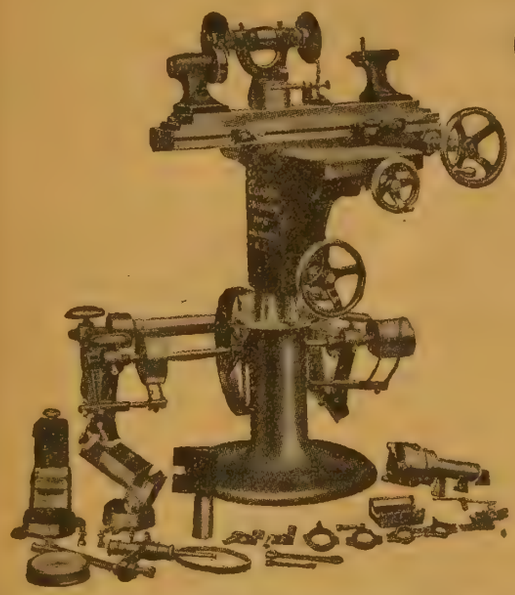
NEW YORK
50 CHURCH STREET

Exporters
Importers
Manufacturers

TELEPHONE
CORTLANDT
6864

Railway
and Marine
Supplies

CABLE ADDRESS
COKENCO, N.Y.



The Coates Tool and Cutter Grinder, No. 6

Coates-Kendall Polyphase Induction Motor

at present includes sizes ½, ¾, and 1 H. P. They are built for operating on two or three phase—110, 220, 440, 550 volt circuits of all commercial frequencies.

The Coates Tool and Cutter Grinder, No. 6

Universal and Plain

Write for Catalog *Steamship Fixtures a Specialty*

COATES-KENDALL CORPORATION
50 Church Street NEW YORK

Flora Alfaretta Voorhees

Graduate of Northwestern University School of Commerce

in

Higher Accounting

Sales Plans

Business Organization
Business Psychology
Business English
Business Law

Foreign Trade
South American Trade
Resources and Trade
Psychology of Advertising

Industrial Relations

Statistics

Economics

Experienced Specialist in

Higher Accounting Income Tax Profits

16 North Wabash Ave. CHICAGO Telephone Central 5589

"Catalog Section"

Section Three

Here is printed detailed information about the products and services of many of those dependable concerns which have listed their names in the Business and Geographical Sections of this Directory.

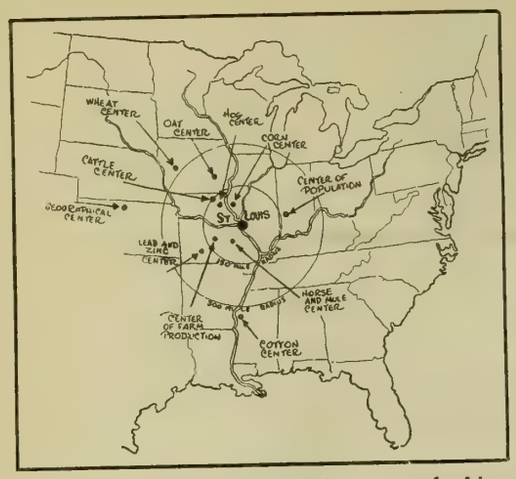
The various catalog pages in this section are arranged alphabetically according to the name of the product or service.

For instance—

If you desire to locate detailed information about any concern, product or service listed in the first two sections, look in this Catalog Section and see if the details you want to know are given by the concern in question.

Whenever a concern listed in the Business and Geographical Sections is also represented in this Catalog Section, each listing of the concern in the first two sections is crossed indexed by page number to the Catalog Section for your convenience in quickly locating the correct catalog page. In this way you secure complete sales service thru the combined use of the three sections.

Donnelley's National Classified Telephone Directory and Buyers' Guide



Clustered about St. Louis like bees around a hive are the wealth producing centers of America

ST. LOUIS

"THE CENTER OF CENTERS"

ACTUAL *and* STRATEGICAL CENTER *of* UNITED STATES. THE METROPOLIS AND GREAT LOGICAL CENTER OF THE MISSISSIPPI VALLEY—THE MAIN PRODUCING AREA OF THE UNITED STATES.

In the Mississippi Valley over 70 per cent of the acreage in farms in the entire United States is found; 69 per cent of the farm values; 76 per cent of the wheat productions; 72 per cent of the live stock; 85 per cent of the corn production; 74 per cent of the cattle; 52 per cent of the sheep; and 81 per cent of the hogs. Besides this vast centralization of the country's food production around the largest city on the largest river in America, there is 70 per cent of the cotton raised in the valley; 55 per cent of the wood is produced there; 69 per cent of the petroleum; 47 per cent of the lumber and 60 per cent of the bituminous coal.

ST. LOUIS makes a fifth of the shoes made in America, and is the largest U. S. shoe market. $125,000,000 sales in 1917.

ST. LOUIS is within eight miles of one of the largest coal fields in America, the farthest point not over seventy miles.

ST. LOUIS woodenware manufacturers and jobbers handle at least 55% of the entire woodenware business of the country. St. Louis leads the world in woodenware.

St. Louis on account of its supply of raw material, is well adapted for many manufactories, among which are: Agricultural Implements, Automobiles and Parts, Chemicals and Drugs, Brass and Bronze Products, Hosiery and Knitting Mills, Pottery, Paving Materials, Saddlery and Harness, Cotton Mills, Furniture, Tanneries, Canneries, Toys, Shoe Findings, Belting, Clothing.

ST. LOUIS industries cover most every field of manufacturing and jobbing. Some of the largest lines are as follows: Live Stock Market, Grain Market, Furs, Hides and Wool, Groceries (kindred lines), Boots and Shoes, Tobacco and Cigars, Hardware (shelf and heavy), Lumber, Clothing (men's and women's), Furniture (kindred lines), Woodenware, Electrical Interests, Manufacturing, Paints, Drugs and Chemicals, Railway Supplies, Steel Castings (Foundry and Machine Shop Products), Railroads and Street Cars, Paper (Stationery and Envelopes), Bakery Products, Tin, Enameled and Galvanized Ware, Soaps and Candles, Automobiles and Vehicles, Stoves, Ranges and Furnaces, Millinery.

ST. LOUIS is one of the most important centers in the United States for the manufacture and distribution of railway supplies. The average annual business is in excess of eighteen million dollars.

ST. LOUIS has a minimum of tributary territory which does not develop earning and purchasing power, with no lakes or oceans, all developed land area surrounding the city, over 70 per cent of the farm values of the United States being directly tributary to St. Louis.

ST. LOUIS is the center of the American made chemical industry, one of the most important commercial results of the war. To this class of manufacturers St. Louis facilities and resources exceed most other cities.

ST. LOUIS has not been touched by embargoes due to freight congestion because of its complete system of railroad transportation. Fuel orders have not affected the city, because their back yard is virtually a coal mine. You can deliver what you sell in St. Louis, and sell cheaply because national distribution can be done at the minimum expense from this "center of centers."

ST. LOUIS is the center of the Government plan of river navigation, for which $3,600,000 is now being expended, and upon which ten million is expected to be invested in the next two years. With the coming of water transportation and the arrival of iron ore from the north by barges, St. Louis as a steel center is assured. It is upon steel that St. Louis' future expansion will be built, coupled with unlimited fuel supplies and cheap water transportation. A hard combination to beat.

Nearly 1,000,000 People

call this historical, hospitable and industrially important locality

Home

Pierre Laclede out of honor to his sovereign called it—

SAINT LOUIS

But, so healthful, prosperous and advantageously located a city would have been as important by any other name; because, here, at the meeting place of all mid-continent highways of travel and trade are found—

3,450 Factories
170,000 Factory Workers
Manufactured Product, $701,190,420
Federal Reserve and Federal Land Banks
26 Trunk Line Railroads
673 Miles of Paved Streets
40,000,000 people within a radius of 500 miles
860 Miles of Sewers
Bank Clearings $6,967,495,305
Freight Traffic 65,975,270 Tons
1,200 Package Cars Daily
350 Miles Street Railway
124 Public Schools, 116,769 Pupils
66 Public Courts and Squares, 2,527 Acres
19 Miles of River Front
Foreign Trade $100,000,000

VISIT ST. LOUIS

Whether you come for pleasure or for profit, we will make you welcome. There is much to see, and opportunity awaits you in the many busy marts of trade this mid-western metropolis offers you.

For additional information address

THE CITY SURROUNDED BY THE UNITED STATES ◉ St. Louis, Mo.

St. Louis Chamber of Commerce

"The Organization That Does Things for St. Louis"

THE CITY SURROUNDED BY THE UNITED STATES ◉ St. Louis, Mo.

P. V. BUNN, General Secretary

510 Locust Street, ST. LOUIS, MO.

Announcement

The Richmond Commercial Club invites you to consider the fact that Richmond, Indiana, is ideally located for manufacturing. Railroads radiate in eleven different directions from Richmond. Over one hundred factories are operating here with ideal labor conditions. If you are thinking of relocating your factory,

TELEPHONE 2000 Write FRANK ALBUS, Secretary RICHMOND, INDIANA

"Business Section"

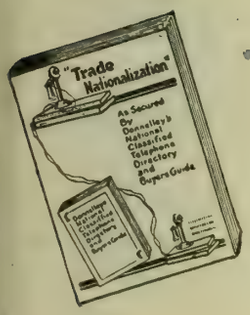
The Products of a Nation Listed

In the "Business Section" of this National Directory are listed the various products of many manufacturers plus the skilled services of numerous business organizations.

There you will find in classified order the supplies you seek, arranged according to alphabetical sequence and then subdivided into state, city and name of concern selling them. Just like a private card index of your own.

The merchandise of the United States can be found here. Use the "Business Section" to buy Nationally—Efficiently—Economically.

"Trade Nationalization"



We have printed a little booklet in colors explaining the principle involved in "Trade Nationalization." It will be mailed on request to Purchasing Agents, Advertising and Sales Managers and other Executives who direct or influence buying and selling.

Buying has been generally confined to limited interstate commerce. Men and businesses have largely neglected the trade advantages and economic features of a more flexible interstate buying policy which have placed in the hands of many aggressive organizations, trade weapons that defy competition.

Therefore, to promote the fuller nationalization of American trade—to encourage the freer intercourse of the organizations of one state with those of another—to stimulate the elimination of visionary state boundaries and visualize the possibilities of an expanded buying and selling policy—in fact, to supply the missing link—

We have published this National Guide, believing it will afford the means of furthering the principle of more efficient trade nationalization. Your co-operation in promoting this principle by the use of this Directory is earnestly solicited.

Donnelley's National Classified Telephone Directory

Accounting and Auditing

Periodical Audits
Income Tax Service
Cost Systems
Special Investigations
Litigation Service
Special Consultation

for

Individuals - Partners - Stockholders
Directors - Estates - Courts, Etc.

BRANDELL KENMORE & CO.

10 Wall Street
New York City

Tel. Rector 928

LOUIS SIMONOFF, C. P. A. MICHAEL PEYSER, C. P. A. MORRIS CITRIN, C. P. A.

SIMONOFF, PEYSER & CITRIN

Certified Public Accountants

Audits
Corporation Accounting
Systems
Cost Accounting
Investigations
Dissolutions and Adjustments

Certified Financial Statements

Phones: Gramercy 1586-7
200 Fifth Ave., New York City

Rate Litigations Before State and Federal Courts and Commissions

AUDITORS AND ACCOUNTANTS

STATE PUBLIC SERVICE UTILITY AUDIT & INVESTIGATING CO.
Incorporated

305-306-307 Kan. National Bank Building
CHARLESTON, W. VA.
TELEPHONE 1053

Turning To Machine Help In War Time

With the thinning of the ranks of office men, business houses the country over are turning to machines to fill the gaps that business may move even beyond the speed of normal times.

It has been said that machines will win the war and those behind the lines will have as an important a bearing upon ultimate victory as machines at the front. Mr. Appleton, Chief Clerk of the office of the **Vice-President** in charge of operation, **Santa Fe Railroad,** Chicago sees in the

Occupies less than a square foot of desk space

MONROE

Calculating-Adding Machine

an able substitute for man-power called to the country's service. Says he in part:

"The only way to keep up with these times when enough help is simply not obtainable is to turn to machines that will do more work with less help."

"One or two Monroe Calculating Machines in the Division Superintendent's offices saved 3 clerks, which means $2500 a year in each of 6 offices, after the savings had paid for the machines in about five weeks."

Whether your problems are similar or different, it will pay you to have a Monroe man call and show you by an actual test on your own work just what savings you may expect from a Monroe in the hands of any of your clerks or assistants.

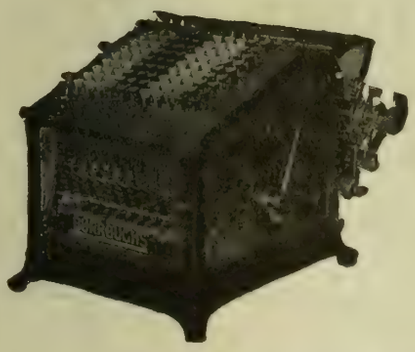
An expression of interest or a Monroe demonstration does not obligate you
Telephone the Monroe Service Station nearest you or drop a line to

MONROE CALCULATING MACHINE CO.

General Offices, Woolworth Building, New York **Plant at Orange, N. J.** *Offices in Principal Cities*

ADDING MACHINES CALCULATING MACHINES

For Sale—One-Half List Prices



BURROUGHS

Also
Wales
Dalton
American
Comptograph
Standard

COMPTOMETER

Brunsviga
Millionaire
T. I. M.
Peerless
Layton Arithmometer
XxX Calculator

ALL OTHER MAKES IN STOCK. **WRITE FOR BOOKLET.**

Our factory is fully equipped to rebuild or repair any machine of this type.

JAS. E. PLEW

449 Webster Bldg. - - Chicago

327 So. La Salle St. **Phone Wabash 7416**

All makes bought for spot cash

TELEPHONES
Bell, Filbert 3703
Keystone, Race 311

SATISFACTION

Reflect credit on your company by giving your SALES LETTERS a personal touch

MULTIGRAPHING—ADDRESSING—CIRCULAR LETTER WORK

must be handled accurately, neatly and done on time to produce SATISFACTION to yourself and your prospects. Our organization is experienced, fully equipped to handle CIRCULAR LETTER CAMPAIGNS of any size and ACCURATE in the details this work requires.

PERSONAL SUPERVISION OVER ALL WORK — Address Us To-day for Samples and References

THE J. M. AMWEG COMPANY

Suite 350, Real Estate Trust Building — Philadelphia, Pa.

CIRCULAR LETTERS

One Day Service Given If Necessary

Addressing - Folding - Filling-in
Also Mailing in Large Quantities

Price Low For First-Class Work

Complete Printing and Circular Letter Service. The most modern method for reproducing Form Letters. Multi-Typewritten Letters that cannot be distinguished from one individually typed.

R. J. CIRCLE LETTER COMPANY

Telephone Canal 1154 — 540 Main Street — CINCINNATI, OHIO

MAILING LISTS
ADDRESSING - MULTIGRAPHING

ENVELOPES - CIRCULARS - CARDS - FOLDERS — FORM LETTERS - STOCK LISTS - REPORTS

WE PREPARE FOR MAILING

ANYTHING THAT CAN BE SENT BY MAIL

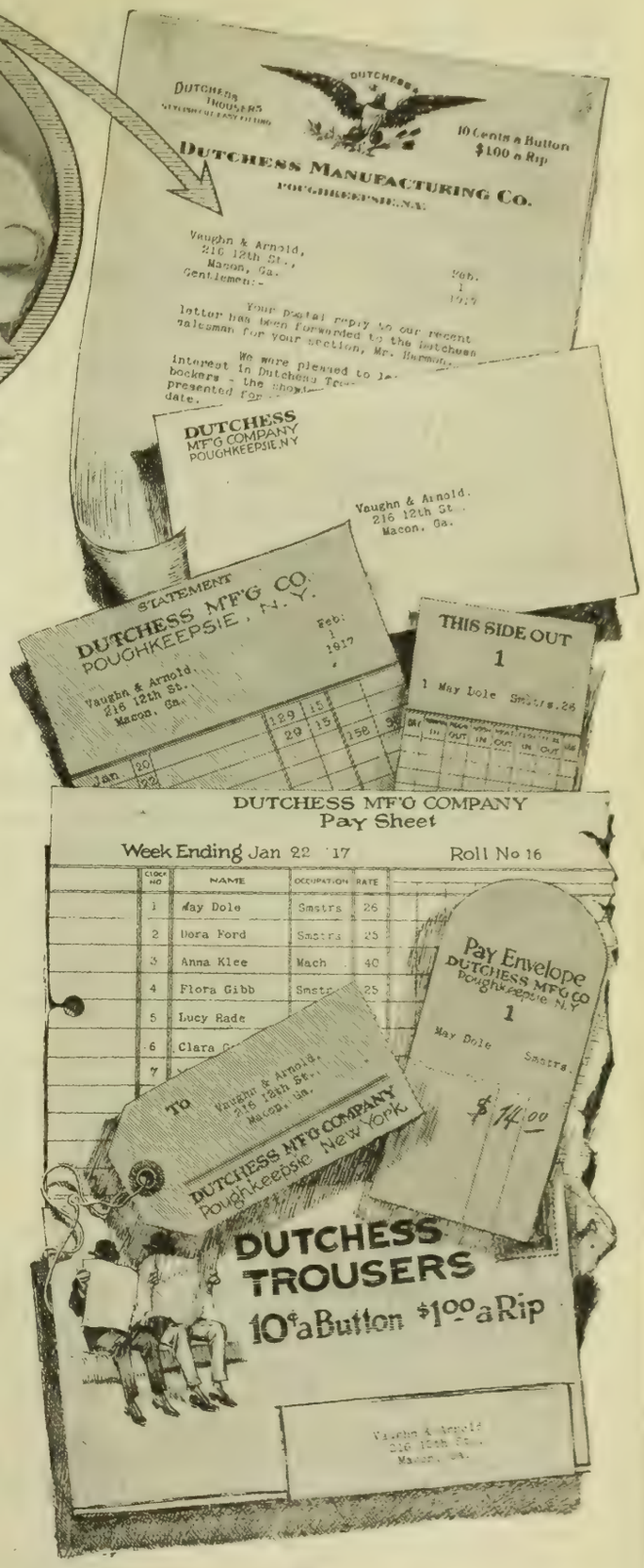
THE NATIONAL ADVERTISING COMPANY

203-204 Caxton Bldg., Cleveland, Ohio — Operating Since 1893 — Telephone Main 1321

The Industries of the Country Catalogued—

Manufacturers—jobbers and wholesalers have listed their wares in this volume, so that the Purchasing Agents and Executives of the Nation may more easily know the truth about the many products they buy daily.

The alphabetical listings in the "Business Section"—the local supplies to be found in the "Geographical Section"—and the complete presentation of products in the "Catalog Section", are the keys that open to Purchasing Authorities the door that saves you money, time, and labor.



—After 10 Days Trial YOU Will Write Names This Way!

ACTUAL use made you appreciate the telephone. And actual use of this $40 Addressograph—a 10 day trial under your every-day office conditions—will make you realize the folly of writing names by slow pen or typewriter. With the Addressograph thousands of offices have secured—

Speed in writing names and addresses that is 10 to 30 TIMES GREATER than that of the most rapid penman or typist.

Accuracy—nothing but Accuracy! It is mechanically impossible for the Addressograph to make mistakes or omissions.

Saving accomplished by the Addressograph offsets its small cost. A boy or girl can operate it—important now that good office help is so scarce. It relieves brain workers of drudgery—enables them to concentrate upon important duties.

Proved at Our Expense Send 50 names and addresses from your list. We will make address plates and without cost or obligation send you a complete Hand Addressograph equipment for you to use 10 days under your actual working conditions. If you decide not to buy, return Freight Collect.

Telephone Addressograph Office Nearest You

Addressograph

TRADE MARK

PRINTS FROM TYPE

See "Business Section" of this Issue Under "Addressing Machines."

904 W. Van Buren Street CHICAGO, ILL.

The Moreland Advertising Company

Direct

Campaigns

WE plan, prepare and execute complete advertising campaigns designed to reach individuals by mail. Our service includes *all* the details of Direct Advertising — plans, artwork, copy, *original* physical forms, engraving, printing, processing, mailing lists and mailing.

Anything needed in a campaign, from a letter to a hard-bound book can be furnished. Our patented Illustrated Letters, though sealed, are accepted by the Post Office Department at third class postage rates.

We have developed a new machine which automatically prints letters with individual names, addresses and salutations from regular type such as is used in fine books and printed literature.

The *Individually Printed Letter* is destined to revolutionize present methods of handling business form letters. It is readable, clean, and truthful. It is distinctive and emphasizes the individuality of the recipient.

Preliminary dummies in actual sizes and colors, with complete outlines of proposed campaigns, will be submitted to responsible firms. Write us what you have in mind; we will do the rest.

The Moreland Advertising Company

14 East Jackson Boulevard

CHICAGO

Telephone
Harrison 83

MAKING-LETTERS-PAY-SYSTEM

For three years considered the best system by 2000 leading corporations for getting maximum results from business letters—in the quickest time—at the lowest cost.
(A partial list of users:)

Remington Typewriter Co.,
Ingersoll Rand Co.,
Alex. Hamilton Institute,
Aeolian Co.,
Bush Terminal Co.,
Harvard University,
General Electric Company,
Sears Roebuck & Co.,
Jeffery Manufacturing Co.

Cuts Down the High Cost of Selling

It costs most of us too much to get business. Let MAKING-LETTERS-PAY-SYSTEM show you how to use letters to:

¶ Aid Salesmen.
¶ Collect difficult accounts.
¶ Bring back dissatisfied customers.
¶ Turn inquiries into sales.
¶ Help dealers.
¶ Develop new accounts by mail.
¶ Help Jobbers.
¶ Develop new territory.
¶ Write better follow-up letters.

Loaned For Three Days' Free Trial

If you make your request on business letterhead and mention this directory, only obligation is to return it prepaid after that time or keep it.

$15. Pays for MAKING-LETTERS-PAY-SYSTEM as delivered. One good idea is worth ten times that. Let us loan you the system for three days' free trial in your own office. Judge for yourself.

$25. Pays for MAKING-LETTERS-PAY-SYSTEM as delivered PLUS 12 (twelve) monthly supplements. Keep you up-to-date for one entire year. Helps improve pulling power of your letters 10% to 50%.

MAKING-LETTERS-PAY-SYSTEM
220 WEST 42nd STREET, NEW YORK CITY
Directed Since 1915 by EDWARD H. SCHULZE

ADVERTISING AGENTS AND AGENCIES

ONLY the amount of public friendship you want for your goods can determine the amount of advertising you should do for your goods

GEORGE BATTEN COMPANY, INC.
Advertising

BOSTON
10 State Street
Telephone Fort Hill 3906

NEW YORK
381 Fourth Avenue
Telephone Madison Square 7500

CHICAGO
McCormick Bldg.
Telephone Wabash 7116

ESTABLISHED 1901

TELEPHONE BRYANT 3000

PERCIVAL K. FROWERT CO. INC.

ADVERTISING AGENTS, BUSINESS PUBLICITY AND MERCHANDISING COUNSELORS

151 WEST FORTY-SECOND STREET
NEW YORK

¶ This Company has been especially successful in the advertising of luxuries for its clients. It plans and executes national campaigns in accordance with a standard, based upon the highest modern ideals of efficiency and service.

Parisian Novelty Co.

ESTABLISHED 1898

"The Whole Plant Behind the Goods"

La Salle and 22nd Sts.
Chicago, Ill.

Telephone
CALUMET 3706

MANUFACTURERS OF

Advertising Specialties and Celluloid Novelty Machinery and Supplies

Pocket Mirrors	**Spinning Tops**	**Savings Banks**
Tape Measures	Paper Weights	Pocket Knives
Match Boxes	Paper Clips	Letter Openers
Buttons	Pencil Clips	Pocket Rules
Watch Fobs	Business Cards	Name Plates

Useful articles for distribution at Conventions, Expositions, Fairs, Openings, Trade Excursions, Etc. Specialties with ideas back of them to help "putting over" advertising campaigns. Write for catalogue and further information.

The Art Work Shop

High Grade Advertising Novelties in Leather, Brass, Bronze, Etc.

Automobile Specialties, Vanity Cases, Lamps, Etc. in Special Designs

Ask Us for Suggestions on Exclusive Ideas

445 Ellicott St., Buffalo, N. Y TEL. BELL SENECA 4207

BEEGEE CO.

Importers and Manufacturers of

Unique Metal, Leather and Enameled Novelties for Advertising Purposes.

Favors—Gifts—Souvenirs

Our Illustrated Catalog on Request

PHONE FARRAGUT 8985 1133 BROADWAY, NEW YORK CITY, N. Y.

Signs, Numbers, Letters

that will not flake, rust, crack nor tarnish, always bright and polished. Furnished complete with nails or screws.

"Marbelite" Signs Are Dignified, Economical and Attractive

Sold by Leading Dealers Everywhere

The cut in this advertisement is a photograph of the attractive display board, containing samples of "MARBELITE" SIGNS that we furnish to dealers. Samples and prices sent on application. Estimates for special designs solicited.

WILBUR MFG. CO., Inc.

Successors to WILBUR COMPANY

WALLINGFORD, CONN.

Sole Manufacturers of "MARBELITE"

This Country Is Not Greater Than Its National Resources—

The marshalling of these into a power that will be capable of combating international complications in the instant hour of need, largely depends upon the greater nationalization of trade.

Only through the application of the principles involved, can our commercial facilities be co-ordinated—welded into a closely knit relationship—and expanded into a more immediate resource.

Any business propaganda or commercial work which will aid in accomplishing this object will surely attract your interest and enlist your support and encouragement. Your use of this National Directory will help.

Buy Nationally and Weld America's Commercial Facilities Into a More Closely Knit Immediate National Resource.

Donnelley's National Classified Telephone Directory and Buyers' Guide

THE SIMPLE CURE FOR ALL THE ILLS IN METALDOM

PATENTS PENDING

By using small, homeopathic (?) doses of BORONIC all metal ALLOYING PRODUCTS — put up in shot form (see list on opposite page)—the metal mixer ("from gold to steel"), finds THE SIMPLE, SCIENTIFIC SOLUTION TO HIS HITHERTO UNSOLVABLE PROBLEMS.

PATENTED

BORONIC all metal ALLOYING PRODUCTS are the purest kind of commercial metals, scientifically treated by our BORONIC PROCESS and charged with gases which, when released in the large metal melts, operate to DEOXIDIZE, PURIFY, SOLID-CAST, TOUGHEN, REFINE AND STRENGTHEN ALL METALS, by driving out all impurities and in some cases, by the admixture of but two pounds of one of the BORONIC numbers to the ton, some of the most startling cures are effected.

BORONIC PRODUCTS are now selling in ton lots to the largest metal manufacturing concerns of all kinds all over the world. They are used in the Mints, in Jewelry and Watch Case making, down to the manufacture of every conceivable thing made of ALUMINUM, BRASS, BRONZE, COPPER, GERMAN SILVER, GUN METAL, GOLD, IRON, LEAD, MUNTZ, METAL, MONEL METAL, NICKEL, SILVER and STEEL. Also for making highest grade Babbitt metals.

BORONIC-COPPER and BORONIC-COPPER ALLOY are selling for less than other treated coppers such as Phosphor, Silicon and Manganese, and are found to be better in many cases.

SOLID Aluminum Castings are obtained by the use of but a small percentage of No. 3 (BORONIC-COPPER ALLOY). Solid Monel Metal Valve Castings are obtained by the use of but 1 per cent of No. 1 (BORONIC-ALUMINUM). The highest grade of Forging Brass is produced by the use of a few ounces each of Nos. 7 and 9 to 100-pound melts. The highest and lowest grade Babbitt Metals are greatly improved by the use of No. 3. The highest grade anti-frictional (copper-lead) products are made by the use of No. 9 (BORONIC-COPPER "L").

BORONIC PRODUCTS have served extensively in the manufacture of munitions of war, one manufacturer having used eight hundred pounds per day in the manufacture of driving bands. IN THE FIELD OF RECONSTRUCTING AND REBUILDING THE WORLD AFTER THE WAR, NO AGENCY WILL PERHAPS SERVE SO EXTENSIVELY AS BORONIC PRODUCTS, WHEN THE WASTED, VAST MASSES OF METALS SHALL HAVE TO BE RECOVERED AND REFINED.

The fuller details of this greatest discovery in the metal world, may be had through our literature, which can be secured through our Distributors, or by applying to our Reading Offices.

Manufacturers will do well to adopt BORONIC PRODUCTS or in prescribing them where they purchase metals for their own use.

AMERICAN BORON PRODUCTS COMPANY, INC.

(Sole Manufacturers)

BELL PHONE 2425

READING, PENNSYLVANIA, U. S. A.

Export Representatives, Edward Le Bas & Co., (Bell Phone Broad 5389)

64-68 Broad St., New York City

HOW BORONIC PRODUCTS

(All Metal; in Shot Form)

Will Help You

PATENTS PENDING

PATENTED

You cannot fail to be benefited when carefully studying the following list and discovering that FOR EVERY METAL ILL THERE'S A BORONIC CURE, BORONIC-PRODUCTS being all pure metal and administered in homeopathic doses, ranging from $\frac{1}{10}$ of 1% to 1½% on the average, and SERVING TO ALLOY, DEOXIDIZE, CLEANSE, RENEW, STRENGTHEN, TOUGHEN and SOLID-CAST, according to our prescription. When ordering, it is natural that WE CAN SERVE BEST WHEN WE ARE BEST INFORMED AS TO WHAT THE "AILMENT" IS, and can accordingly prescribe the remedy.

For Strengthening	ALUMINUM	with No. 3 (BORONIC-COPPER ALLOY)
For Solid-Casting	ALUMINUM	with No. 3 (BORONIC-COPPER ALLOY)
For Toughening	ALUMINUM	with No. 3 (BORONIC-COPPER ALLOY)
For Strengthening*	BRASSES	with No. 3 (BORONIC-COPPER ALLOY)
For Solid-Casting*	BRONZES	with No. 3 (BORONIC-COPPER ALLOY)
For Drop-Forging	BRASSES	with No. 7 (BORONIC-COPPER ALUMINUM 10)
For Toughening*	BABBITTS	with No. 3 (BORONIC-COPPER ALLOY)
For Alloying*	BEARINGS	with No. 9 (BORONIC-COPPER "L")
For High Conductivity	COPPER	with No. 23 (BORONIC-COPPER "ABC")
For Solid-Casting	COPPER	with No. 23 (BORONIC-COPPER "ABC")
For Deoxidizing	COPPER	with No. 4 (BORONIC-COPPER "F3½")
For Refining and Toughening	COPPER	with No. 3 (BORONIC-COPPER ALLOY)
For Successfully Rolling	GERMAN SILVER	with No. 3 (BORONIC-COPPER ALLOY)
For Solid-Casting	GERMAN SILVER	with No. 3 (BORONIC-COPPER ALLOY)
For Deoxidizing	GERMAN SILVER	with No. 3 (BORONIC-COPPER ALLOY)
For Alloying	GERMAN SILVER	with No. 8 (BORONIC-COPPER NICKEL 5050)
For Solid-Casting	GOLD	with No. 2 (BORONIC-COPPER)
For Deoxidizing	GOLD	with No. 3 (BORONIC-COPPER ALLOY)
For Toughening	GOLD	with No. 4 (BORONIC-COPPER "F3½")
For Improved Machining	IRON	with No. 2 (BORONIC-COPPER)
For Strengthening	IRON	with No. 3 (BORONIC-COPPER ALLOY)
For Solid-Casting	IRON	with No. 7 (BORONIC-COPPER ALUMINUM 10)
For Toughening	IRON	with No. 7 (BORONIC-COPPER ALUMINUM 10)
For Alloying with Copper	LEAD	with No. 9 (BORONIC-COPPER "L")
For Uniting (in any am't) for bearings, superheated steam packing, gaskets, sheeting, etc., COPPER with	LEAD	with No. 9 (BORONIC-COPPER "L")
For Improved Machining	MONEL METAL	with No. 1 (BORONIC-ALUMINUM)
For Solid-Casting	MONEL METAL	with No. 1 (BORONIC-ALUMINUM)
For High-grade anodes	NICKEL	with No. 3 (BORONIC-COPPER ALLOY)
For Alloying	NICKEL	with No. 23 (BORONIC-COPPER "ABC")
For Solid-Casting	SILVER	with No. 2 (BORONIC-COPPER)
For DEOXIDIZING	SILVER	with No. 3 (BORONIC-COPPER ALLOY)
For Toughening	SILVER	with No. 3 (BORONIC-COPPER ALLOY)
For Alloying	SILVER	with No. 4 (BORONIC-COPPER "F3½")
For Improved Machining	STEEL	with No. 7 (BORONIC-COPPER ALUMINUM 10)
For Strengthening	STEEL	with No. 8 (BORONIC-COPPER NICKEL 5050)
For Solid-Casting	STEEL	with No. 2 (BORONIC-COPPER)
For Toughening	STEEL	with No. 3 (BORONIC-COPPER ALLOY)

*NOTE CAREFULLY: While No. 3 is used to advantage in BRASSES, BRONZES, BABBITTS and BEARINGS, No. 7 is specially recommended in yellow brasses and No. 3 in red brasses. No. 9 is recommended for entering large percentages of lead in BRASSES, BRONZES, BABBITS and BEARINGS.

PHOSPHOR, SILICON and MANGANESE COPPERS ARE GREATLY REINFORCED BY THE USE OF No. 3 (BORONIC-COPPER ALLOY) and IN MANY CASES PHOSPHOR COPPER MAY BE ENTIRELY OMITTED and AS BORONIC-COPPER ALLOY IS NOW CHEAPER THAN PHOSPHOR AND SILICON COPPER, THE TRADE IS INVITED TO LOOK INTO THE USE OF OUR No. 3 IN PLACE OF OR CONNECTION WITH THESE COPPERS.

BORONIC PRODUCTS ARE SOLD IN TON LOTS TO THE LARGEST MANUFACTURERS IN THE WORLD and ARE USED IN THE FINEST METAL MANUFACTURES OF EVERY KIND—"FROM GOLD TO STEEL." Used in the U. S. Mint; war munitions; car and locomotive bearings; magnetos; watches and jewelry of all kinds. FOREIGN CORRESPONDENTS, please address their inquiries to our DISTRIBUTOR in order to obtain the promptest service.

FOREIGN DISTRIBUTORS

Edward Le Bas & Co., London, E. C. (3), England. National Alloys, Limited, London, England. China & Japan Trading Co., Ltd., Kobe, Japan. China & Japan Trading Co., Ltd., Shanghai, China.

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Acieral Has Also Wonderful Non-Corrosive Properties

The Iron Field—

Structural Iron, Ornamental Iron, Iron Silos, Tanks, Stairs, Store Fronts, Ventilators, Ceilings, Fences, Doors and other Iron Products will be found classified in the "Business Section" of the National Red Book according to alphabetical sequence. Local supplies will be found listed in the "Geographical Section" according to location by state and city or town. Quick to find—dependable in results.

It is the Belief of Prominent Buyers—

—that the unsettled market conditions due to the world conflict—the shortage of materials, difficulties of transportation—and consequent price fluctuations—have a tendency to create a market of questionable values.

Seeing the approach of these conditions, shrewd Executives are a unit in the movement toward the purchase of products nationally advertised, believing that the result-producing value of materials and merchandise so advertised is *evidence* of standardized quality.

The Products and Services Listed and Catalogued in this Directory Possess that Evidence by Being Nationally Advertised Here.

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1. Are you having any spoiled acids on account of impurity?

2. "DANUBEST," is the best of filtration mediums owing to the carding process through which "DANUBEST" is prepared---it has a special porous and absorbent structure.

3. "DANUBEST" is the ideal filtrating medium for acids of every strength and every degree of heat.

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5. "DANUBEST" can be washed and used over and over again, owing to its absolute chemical inertness towards acids, alkalis, oils, and other liquids.

6. "DANUBEST" can be used for many other purposes, and we will be pleased to give advice as to the proper method of using it.

7. "DANUBEST" is only one of many products which we manufacture in the asbestos line.

We also carry a full line of Asbestos, Rubber and Flax Packings.
Let us quote you on your requirements.

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Sole Agents U. S. for JOHNSTON Scotch Steamer Rugs
Finest Grades Horse Clothing.

All Qualities of Auto and Carriage Robes
Linen and Cotton Materials for Trunk and Bag Linings.

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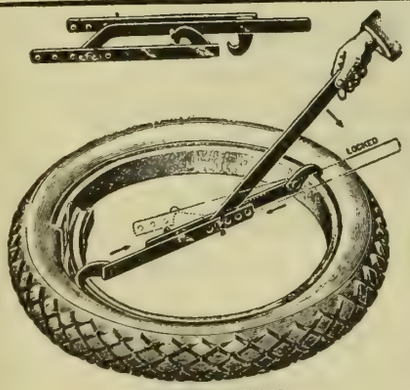

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Anderson, Ind	2451
Angola, Ind	405
Anniston, Ala	55
Ashland, Ky	45
Auburn, Ind	Conn.
Auburn, N. Y	1395
Aurora, Ill	Chicago 259
	Interstate 253
Atlanta, Ga	Main 907
Baltimore, Md	Homeward 2460
Bedford, Ind	744
Birmingham, Ala	Main 1147
Bluefield, W. Va	9
Bluffton, Ind	133
Bloomington, Ill	Bell 113X
	Kinloch 2354
Boise, Idaho	Conn.
Boston, Mass	Ft. Hill 3470
Brazil, Ind	735
Bristol, Va	Bristol 460
	Cumberland 596
Browns, Ill	
Buffalo, N. Y	Bell, Howard 2359
	Automatic 53004
Bridgehampton, N. Y	31
Cairo, Ill	880
Canton, Ohio	935
Carlisle, Pa	Bell 4J
	United 125X
Champaign, Ill	Bell 268
	Home 1154
Charleston, W. Va	890
Charlotte, N. C	514
Charlottesville, Va	400
Chicago, Ill	Bell, Harrison 7550
	Automatic 61217
Cleveland, Ohio	Conn.
Clinton, Ind	673
Cloverdale, Ind	36
Coal Grove, Ohio	Home 203K1
Columbia, S. C	Bell 2690

Branches	Tels.
Columbus, Ind	515
Concord, N. C	29
Corbin, Ky	31
Council Bluffs, Ia	Douglass 1233
Crawfordsville, Ind	BB31
Cumberland, Md	
	Cumberland 2027
Dalton, Ga	236
Danville, Ky	213
Davenport, Iowa	
	Davenport 5335
Dayton, Ohio	Bell, Main 4122
	Ohio State 6427
Des Moines, Iowa	Walnut 4100
Detroit, Mich	Cherry 2583
Dubuque, Iowa	
Durham, N. C	1033
Duluth, Minn	Melrose 988
	Grand 988
Eaton, Ohio	552Y
Elk River, Minn	42W
Elwood, Ind	827
Evansville, Ind	3322
Fargo, N. D	217
Flora, Ill	44
Fond du Lac, Wis	2443
Fort Wayne, Ind	6060
Fowler, Ind	Main 63
Frankfort, Ky	323
Frederick, Md	614
Findlay, Ill	159
Gainesville, Ga	525
Gastonia, N. C	420
Georgetown, Ky	41
Goldsboro, N. C	257W
Greencastle, Ind	216
Greensboro, N. C	345
Hamilton, Ohio	Bell 180
	Home 1166
Harriman, Tenn	337

Branches	Tels.
Harrisburg, Pa	Bell 3085
	United 3427
Hartford, Conn	Conn.
Henderson, Ky	71
Hopkinsville, Ky	Conn.
Huntington, Ind	346
Huntington, W. Va	1237
Huntsville, Ala	567
Indianapolis, Ind	Irvington 506
	Automatic 61-417
Jackson, Mich	Bell 1005
Kankakee, Ill	Bell 148
Kansas City, Mo	
	Bell, Grand 1801
	Home, Main 6504
Kearny, N. J	Market 4144
Kendallville, Ind	Bell 61
	Home 412
Knoxville, Tenn	Peoples 837
	Cumberland 323
Kokomo, Ind	470
LaCrosse, Wis	89
Lafayette, Ind	3705
LaGrange, Ind	2852
Lawrenceburg, Ind	252
Lawrenceville, Ill	530
Lebanon, Ky	291
Lexington, Ky	1096
Linton, Ind	241
Long Island City, L. I	
	Hunters Point 4343
Los Angeles, Cal	Main 4346
Louisville, Ky	Home, City 1178
	Cumberland, South 226
Lynchburg, Va	397
Macon, Ga	Conn.
Madison, Wis	6992
Marietta, Ga	415
Marion, Ind	470

Branches	Tels.
Marinette, Wis	749
Mattoon, Ill	96
Maysville, Ky	455
Memphis, Tenn	Hemlock 1352
	Memphis 1352
Middlebury, Ind	238
Milwaukee, Wis	Main 2201
Minneapolis, Minn	Auto. 38105
	Northwestern, Main 819
Mohawk, N. Y	531
Monticello, Ind	5
Muncie, Ind	1758
Nashville, Tenn	Main 1415
Newcastle, Ind	1155
Newman, Ill	123Y
New Orleans, La	Main 1322
New Paris, Ind	520
New York, N. Y	Bowling Gr. 8900
Niagara Falls, N. Y	Conn.
Norfolk, Va	5115
Olney, Ill	320
Oneida, N. Y	277W
Opelika, Ala	39
Paducah, Ky	842
Pana, Ill	3280
Paris, Ky	Home 505
	Cumberland 257
Paris, Ill	Kenloch 619A
	Bell 290W
Peoria, Ill	Bell, Main 767
	Interstate 767
Peru, Ind	M144
Philadelphia, Pa	Market 2545
Plainfield, Ind	
Pontiac, Mich	
Portland, Ore	East 362
Quincy, Ill	484
Raleigh, N. C	
Red Key, Ind	15
Rensselaer, Ind	652

Branches	Tels.
Richmond, Ind	2300
Richmond, Ky	646
Roachdale, Ind	49
Rochester, Ind	440
Rochester, N. Y	Genesee 955
	Stone 3335
Rocky Mount, N. C	839
Rome, Ga	320
Rome, N. Y	606
St. Louis, Mo	Olive 1526
St. Paul, Minn	Cedar 5266
	Automatic 24766
San Francisco, Cal	Sutter 3286
Salisbury, N. C	Bell 348
Schenectady, N. Y	2547
Seattle, Wash	Main 3260
Shelbyville, Ind	825
South Bend, Ind	Bell 187
	Home 2284
Spokane, Wash	Conn.
Springfield, Ill	Main 3678
Staunton, Va	675
Streator, Ill	187
Sullivan, Ind	236
Syracuse, N. Y	Warren 9440
Terre Haute, Ind	4380
Toledo, Ohio	Conn.
Tuscaloosa, Ala	648
Utica, N. Y	478
Wabash, Ind	1061
Waconia, Minn	94
Warsaw, Ind	55
Washington, D. C	Lincoln 200
Washington, Ind	1166
Waterloo, Iowa	346
Watertown, S. D	2116
Wausau, Wis	1391
West Lebanon, Ind	103
York, Pa	Bell 569
	York 247M

"Geographical Section"

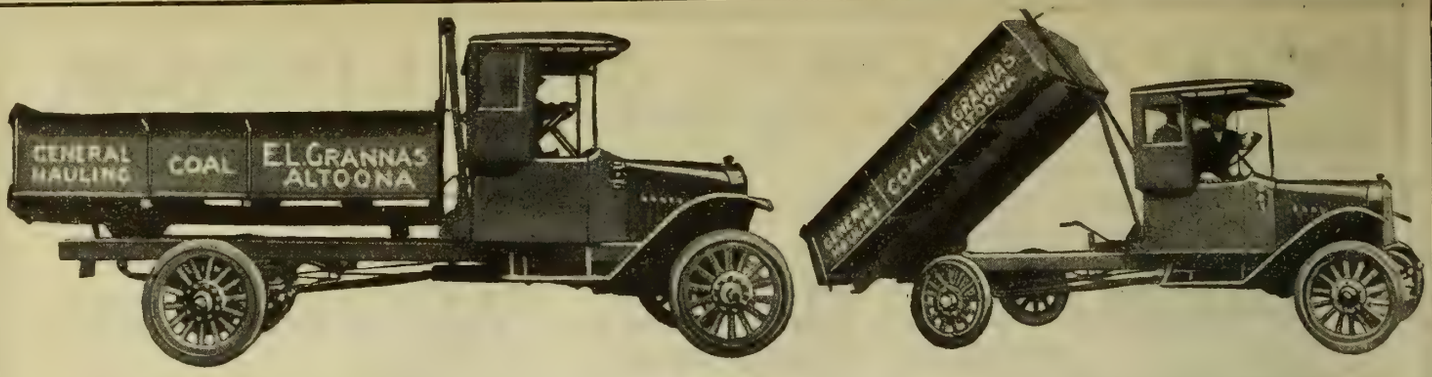
Utilizing Nation-Wide Distribution to Save Freight

In the "Geographical Section" of this National Directory are listed the nation's products according to location of supply.

Many organizations maintain supplies of their materials and merchandise in warehouses scattered all over the country as a means of economical distribution and a service to the buyer.

This enables you to find local supplies near the point of consumption in the event of your factory, branch or customer requiring immediate delivery and for the saving of freight charges and transportation delays.

You will find products and services arranged by state, city, name of product or service, and name of concern in the "Geographical Section"—which is Part Two of this Directory.



Some Facts About the Simplex Hoist and Dump Body

The Simplex Hoist and Dump Body is the logical proposition for the man who demands *service and efficiency* at a reasonable cost.

It is the simplest hoist in construction, having no delicate, intricate parts to occasion expense and loss of time, and it is not affected by weather conditions. It is foolproof.

It is easy to operate, the load on the crank being well within the capabilities of the average youth to handle continuously.

It is, we believe, the quickest-hoisting hand-power hoist on the market today. It dumps a load in from 30 to 40 seconds, which is several times quicker than any other hand hoist. Compare this speed with that of the expensive, complicated power hoists now on the market, and you will find that the difference in time is not nearly so great as the difference in cost.

Our bodies are solidly built of selected hardwoods, each part carefully designed so as to afford a margin of strength far in excess of requirements, but yet not to be so heavy as to form a truck load in themselves. Our experience has enabled us to effect a successful combination of these essentials, strength and moderate weight.

Our hoist takes up only 8½ inches, which is about half the chassis space required by the average hand, or power, hoist. This feature makes it possible for us to build our bodies much longer than the average hoist will permit, while maintaining the necessary balance on the chassis.

As example: Our standard bodies for 2 and 2½-ton trucks are 120 inches long, by 52 inches wide, which adapts them for handling loads other than those which require dumping, making it, in fact, an all-purpose body.

We build bodies to suit any chassis and of any capacity from one ton up.

Our standard bodies are fitted with an automatic dumping endgate hinged at the top. For those who wish to use their truck for handling a variety of loads, we have developed a special endgate, which can be changed in a few seconds from hinged at the top to hinged at the bottom or vice versa, forming a typical endgate in either position. The value of this feature will be apparent to anyone, on a moment's thought.

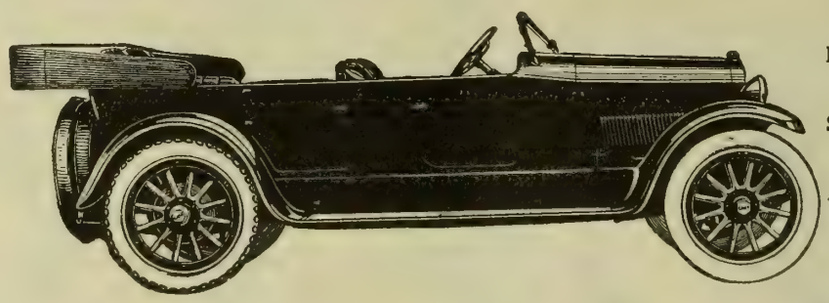
The price of our body, complete with hoist, is but little higher than the cost of the average plain express body.

L. C. GRAVES COMPANY

Head Offices: Conneautville, Pa.

Telephone: P. & A. Conneautville 1481 **Factories: Conneautville, Pa.; Springboro, Pa.; Pittsburgh, Pa.**

AUTOMOBILES



Family Model for 7
$1875

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All Seasons Model
$2375

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You want a powerful, speedy car. An economically operated car. And a beauty. Few cars have all these features. Some have but one or two. Those that have them all, plus the other essentials, are rare, costly cars—all but the New Case Six.

In this all-in-one car you will find an array of proven features such as never were combined before. Case has contributed a noteworthy advance in automobile engineering. You must see this New Case Six to appreciate its many superiorities.

The New Case Six may be seen at dealers. Or write for our illustrated catalogue which includes complete specifications.

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In America standardization is fast becoming a cardinal principle of industrial efficiency. Recognition for it is being fast attained. Its influence—felt thru adoption as the guiding policy in production—affects buying and selling. The war lesson is that our manufacturing units should be nationalized—welded into a quicker, unified nation-wide resource. Standardization is therefore necessary to that result. Standardize and nationalize your buying thru this Directory.

The Building Field

Whether you need Structural Steel, Cement, Electrical Goods, Roofing, Interior Decorating, Fire Proofing, Glass, Elevators, Machinery, Lumber or any other construction needs you can find the sources of supply in the "National Red Book" — Business Section. Each item is alphabetically classified.

The Automobile Field

If you require Automobile Accessories, Trucks, Attachments, Bodies, Batteries, Starters, Lighting Systems, Engines or other kindred items, the source of supply is to be found here in this Buyers' Guide. Use the "Business Section" pages for efficient buying of these things. Each item is alphabetically classified.

Style B

Style A

CHAPMAN TYPE BALL BEARINGS

Save Power

Quickly pay for themselves in power saved

Save Fuel

They will fit the hanger frames you are now using, hence the change-over expense is reduced to a minimum.

This bearing is self-aligning, dust tight, and requires lubrication only once or twice annually.

Adopted as standard equipment by over 3000 concerns (including U. S. and Canadian Arsenals) during past sixteen years.

Style B

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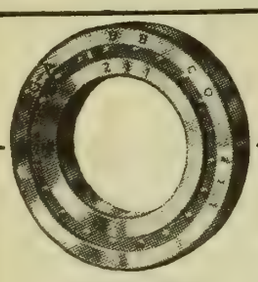
Style B



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Engineers, Purchasing Agents, Executives and others write for complete catalog of all G-A Standard sized radial and thrust bearings, giving diameter and safe loading capacity.

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Encouraged by an insistent demand for a more perfect bearing, we placed the G-A series on the market. Since its introduction our sales have been stimulated by an ever increasing satisfaction with every G-A bearing in use. Quality, workmanship and genuine service, has merited and won our success.

Material - Design - Workmanship

The rings of G-A bearings are highest grade chrome bearing steel, commercially free from impurities—supreme in quality. Special process hardening makes them better than ordinary case hardened rings. Steel balls are best quality chrome steel, accurate to 0.0001 inch. Designed with sturdy, durable retainer protected by patents. Has deep ball race allowing greater axial load or end thrust, enabling us to guarantee it the longest life bearing.

G-A Ball Bearing Manufacturing Co.

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Telephone Kedzie 8921

Cable Address
Giberson
New York

Eastern and Foreign Representatives
E. D. GIBERSON,
52 Broadway, New York City, Tel. Broad 72

"Catalog Section"

Your Needs Visualized and Described in Detail

In the "Catalog Section" of this National Directory are pictured and described in detail the materials, products, merchandise and services offered by the different organizations.

Here you will be able to learn more about the individual items you seek. Specifications, sizes, qualities, and how to get them—are to be obtained in the "Catalog Section." Use it for reference in your work.

MR. MANUFACTURER

Our "American" Bronze Backed Babbitt Lined Bearings Machined Throughout, referred to in letter below, are made by an entirely new process of our own.

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E. Barton Hall.

HAMMONDSPORT, N. Y., January 12, 1918.

American Die Casting Co.,
Gardner Lane & White River,
Indianapolis, Indiana.

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The quality of the material used amply meets our specifications.

The skill and perfection of workmanship is of high degree, which results in perfect bearings even after severe tests. Our field reports indicate that rejections of your bearings and trouble occurring and resulting from ~~your~~ faulty bearings is a small fraction of one percent.

Very truly yours,
CURTISS AEROPLANE & MOTOR CORPORATION

E. Barton Hall

EBH:LMH DIRECTOR OF PURCHASES

We also manufacture Plain Die Cast Bearings (*not Bronze Backed*) and Various other Parts.

Absolute Satisfaction Guaranteed

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Church Tower Chimes

Clock Chimes
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Electric Celestes
Electric Xylophones

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Chimes for Organs, Theatres, Homes, Churches, Clocks

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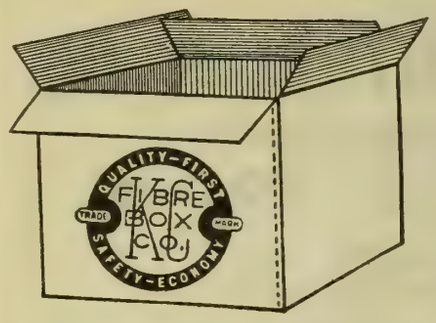

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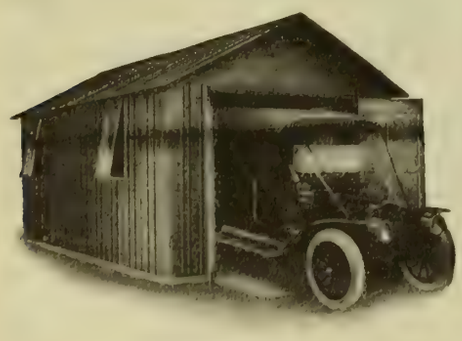

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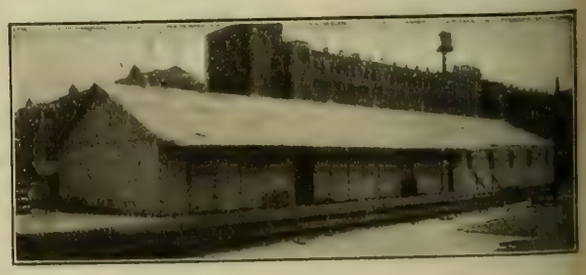

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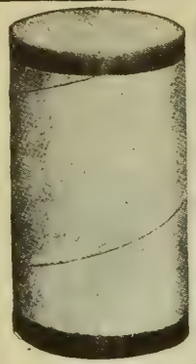

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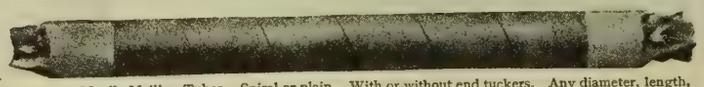

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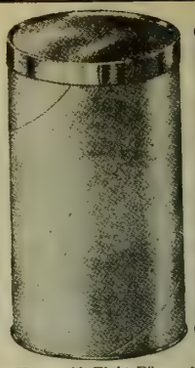

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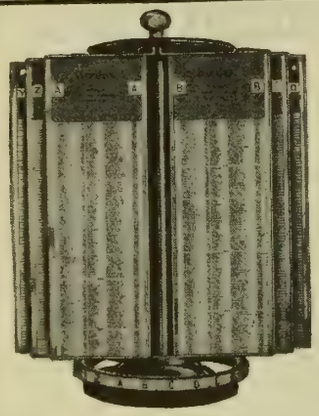

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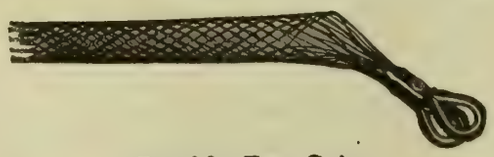

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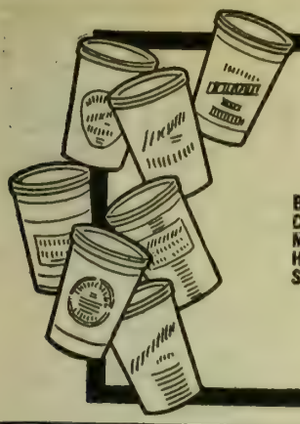

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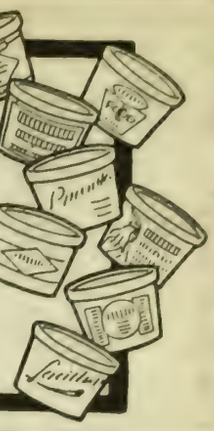

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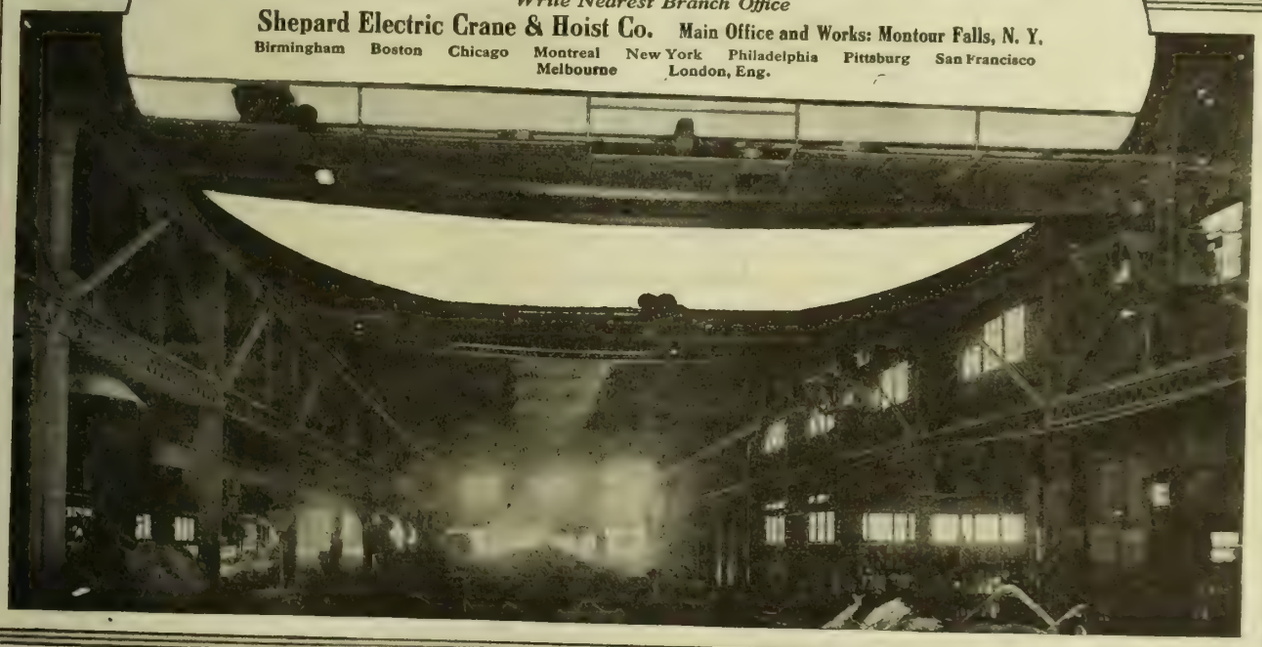

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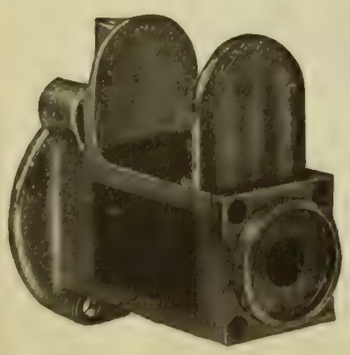

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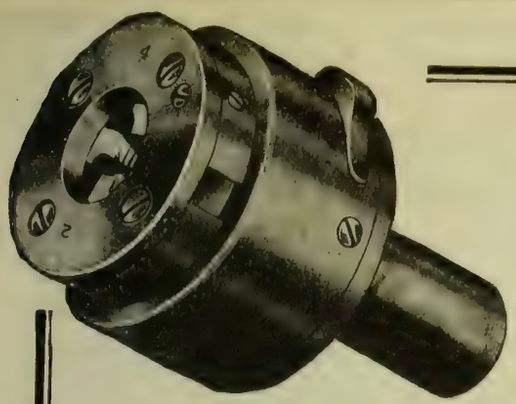

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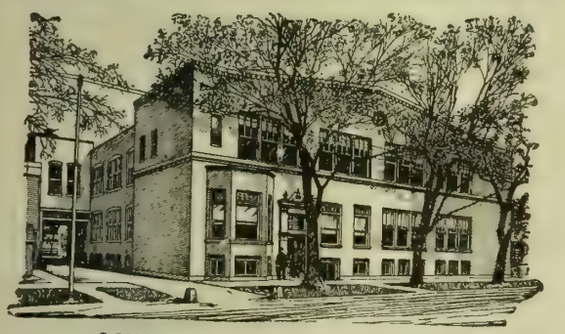

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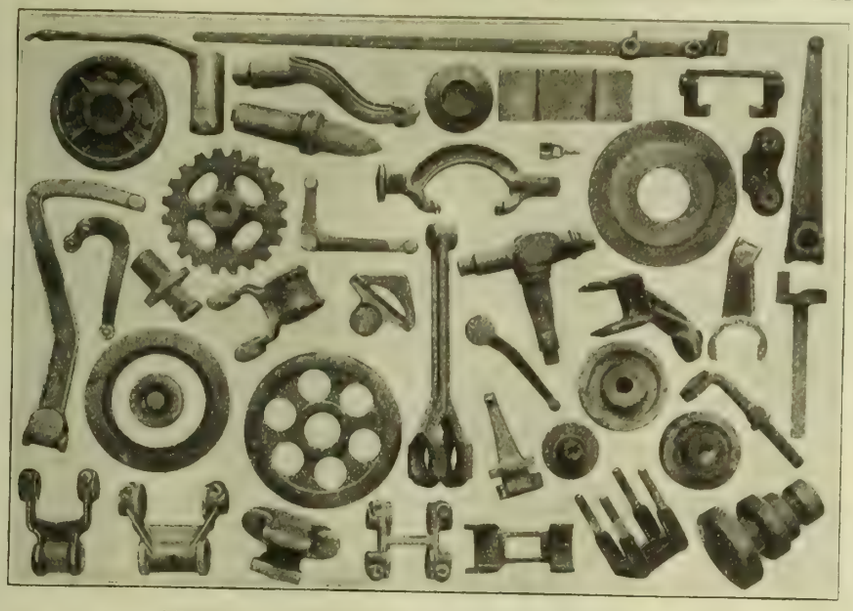

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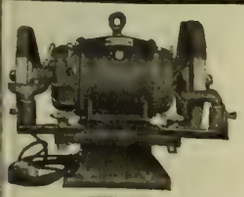

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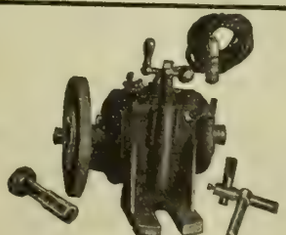

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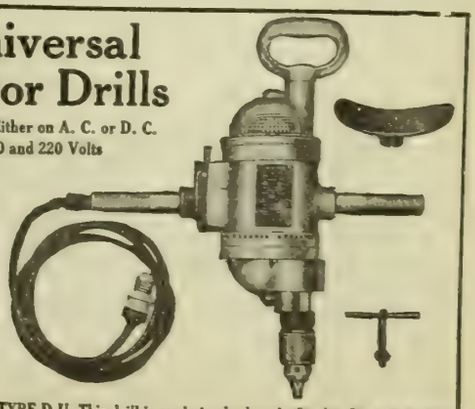

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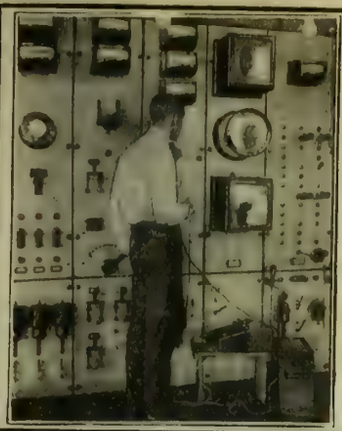

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LARGEST STOCK IN AMERICA

Both New and Used, all sizes up to 500 H.P., D.C. & A.C.

Write or Wire for Quick Action

We Are Ready to Buy for Spot Cash Any Used Motors or Dynamos or Other Machinery

NATHAN KLEIN & CO.

Howard, Centre and Canal Sts., New York City *Phone Canal 8750*

MOTORS and DYNAMOS

Alternating and Direct Current

WE BUY SELL RENT REPAIR

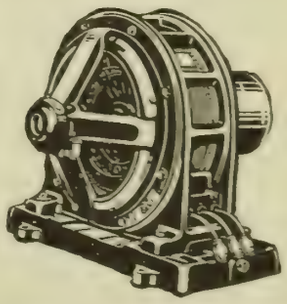
FROM THE SMALLEST TO THE LARGEST **MOTORS**

EVERY MOTOR GUARANTEED

MONEY REFUNDED IF NOT SATISFIED

LARGE STOCK ALWAYS ON HAND

Write for Monthly List



BERNARD GOLDBERG

Phones CANAL 8957-9355 Established 1904 220 CENTRE ST., NEW YORK, N. Y.

Keep Informed on Current Market Prices. Write for Monthly Price List.

THE RAPID ELECTROTYPE CO.

Makers and Distributors of Advertising Plates

New York CINCINNATI Chicago

ENGINEERS—CONSULTING

LIBBY PARRISH & HULS

CONSULTING ENGINEERS — MACHINERY DESIGNERS

TELEPHONE HARRISON 384 — CHICAGO — 327 SO. LA SALLE STREET

POWER PLANTS	SPECIAL MACHINERY AUTOMATIC	INDUSTRIAL PLANTS
DESIGNING	TESTING	INSPECTING

ENGINEERS—MECHANICAL

YOUR IDEAS PUT IN WORKING SHAPE

Walter A. Gruenberg

Engineers

Mechanical Engineering and Consulting
Special Machinery and Gas Engine Designing
Concrete Machinery Designing and
General Drafting

GRAY IRON CASTINGS

LONG DISTANCE TEL. CHERRY 5379 — 411 SUN BLDG., DETROIT, MICH.

LET ME FIGURE OUT YOUR MECHANICAL PROBLEMS

The Paper Field

Within the cover of this Guide you can find the way to the sources of supply in the paper industry. Whether you want paper for printing, for wrapping, letterheads or paper products, such as boxes, cartons, board or other items, you will find it here. To locate the supply centers find the classification "Paper" in the "Business Section" and the particular kind you seek will be found classified under it. If you want local supplies look in the "Geographical Section."

Engraving

Our expert designers, artists, engravers, photographers, and etchers put an added sales value in the illustrations of your printed matter—whether it demands technical mechanical handling or delicate illustrations for style books. Your book or catalogue will be designed and printed from cover to cover within our organization. Estimates sent on request.

Departments of the Engraving Plant

Art and Designing Expert designers and illustrators of booklets and catalogues of every description. Bird's-eye views of factories, etc. Mechanical artists with technical knowledge of machinery.

Commercial Photography New daylight gallery—the largest in the world. Skilled operators sent anywhere to photograph factories, scenery, and so on.

Wood Engravings Wood engravings made by skilled artisans, for trade catalogues and periodicals, where finest detail is desired.

Half-tone and Zinc Etchings Skilled artisans and finest apparatus for producing half-tones, grain plates, zinc etchings and all combinations of them. Special attention given to our process of engraving jewelry, tools, etc., "Direct from the Goods," without any intervening photograph or retouching.

Color Engravings Plates made for color printing by the three-color and four-color processes, and by all known combinations of half-tone, zinc and grain.

Plate Vaults 17,000 cubic feet of vaults, absolutely fireproof, for the safekeeping of our customers' plates. This is our customers' plate insurance.

R. R. DONNELLEY & SONS COMPANY

Designers · Engravers · Printers · Binders

Ten Phones, Harrison 350 · Plymouth Court and Polk Street · CHICAGO, ILL.

THE SELLING FACTOR

The thing that takes paper and ink out of the class of Printed Matter and makes it a Printed Salesman, that gives it selling force and the ability to pull orders, is the illustration. Good plates, clear and accurate in detail and artistic in treatment~ these are the first essentials of good printing and without good printing, there is no good advertising.

WE ARE PHOTO ENGRAVERS

and make plates by every process~ line or half-tone for black or color work, all up to the best standards and at prices as low as reliable work can be done for. Our plant and our advice are always at your service. A consultation with us may save you errors and money in the plates you need. Come and see us ~ or write and one of our expert representatives will call.

SCIENTIFIC ENGRAVING COMPANY

406 TO 426 WEST 31ST ST. NEW YORK CITY

ENGRAVERS

The Chestnut Street Engraving Co., Inc.

S. W. COR. SEVENTH AND CHESTNUT STS., PHILA., PA.

AN ART DEPARTMENT to furnish original ideas, retouch photographs and prepare copy for advertising requirements.

Telephone Walnut 3413

N. E. QUIRK, Pres. JOHN T. HANNAS, Sec'y and Treas.

QUALITY SERVICE

•• PHOTO •• ENGRAVERS ILLUSTRATORS AND •• DESIGNERS-IN HALFTONE LINE AND COLOR ••••

NO MATTER WHAT YOU WANT

HALF-TONES - LINE PLATES
ELECTROTYPES or WOOD CUTS

COMMERCIAL PHOTOGRAPHS
DESIGNING or PHOTO RETOUCHING

OUR PRICES ARE LOWEST

all above branches supervised and executed
~ by our experts from start to finish ~

FREUD ENGRAVING & ELECTROTYPE CO. FREUD COMMERCIAL PHOTO CO.

FROM BEEKMAN TO ANN ST. 61 BEEKMAN STREET NEW YORK

ENVELOPES

Telephone Cortland 5608

67 Cortlandt Street New York City

JOHN F. DIEMER CO.

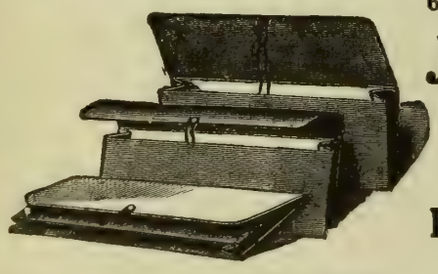
EST. 1869

Filing Specialties

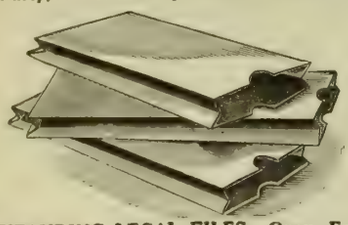
Envelopes - Wallets - Folders
Vertical File Pockets
Boxes - Cabinets - Slides

Send for Catalog

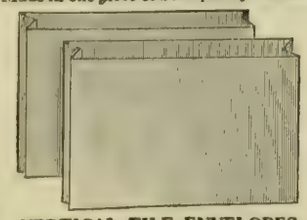
EXPANDING OR CRUSHED ENVELOPES



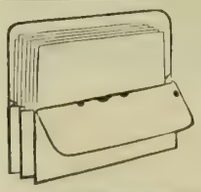
Made of best manila, also red with smooth writing surface, provided with tapes. Packed 100 in a box.



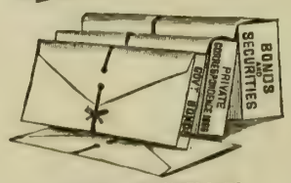
EXPANDING LEGAL FILES—Open End
Made in one piece of best quality manila.



VERTICAL FILE ENVELOPES
made of strong manila jute, flat pattern and also expansion and letter and cap sizes; back extends ½ inch above front.

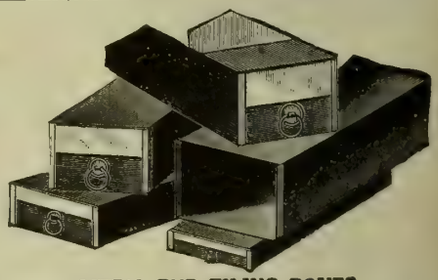


VERTICAL FILE POCKET
Made of Leatherette (red fibre) in letter and cap sizes. The upper front flap folds over to facilitate examination of contents. The back is ½ inch higher than front, allowing space for title, etc. Pocket 4½ inch.

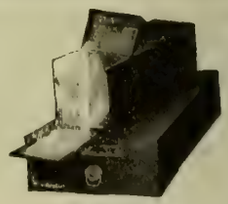


DOCUMENT BOX ENVELOPES
Made of best quality manila tagboard and provided with tapes. Order by size and thickness, not by No.

COMBINATION POCKET FILE
Made with long flaps and tapes to tie. When the flap is raised, the papers are freely exposed for reference.



METAL END FILING BOXES
Made of red enameled pressboard, and provided with ring pulls and removable labels.



CLOTH BOXES
for filing purposes; flat and folded papers; card index cabinets and filing cabinets. PAPER AND CLOTH BOXES made to order reasonable time; special prices.

LEATHERETTE EXPANDING ENVELOPES
Wear like leather. Fitted with tapes. Put up in boxes.

Telephone 1347 Chelsea

Berlin & Jones Envelope Co.

547-553 W. 27th St., Cor. 11th Ave., New York, N. Y., 548-552 W. 28th St.
Downtown Salesroom and Warehouse, 136 William Street

Telephone 6258 John

ENVELOPES

WE ARE

PIONEERS IN THE ENVELOPE BUSINESS

¶Our plant covers 3 Acres of Floor Space, with a Capacity of over 3 Million Envelopes a day, and a Printing Plant equally capable. ¶Our "Pure Linen Bond" is not surpassed for High Grade Letter Heads and Envelopes to match. ¶Our "Reblin Mills" and "Interboro" are bond papers that meet the average commercial need. ¶*Your printer will supply you or we will see that your wants are covered* if you write or call us by phone.

THE NEOSTYLE-PENYHOOK

Made also with the Outlook Window

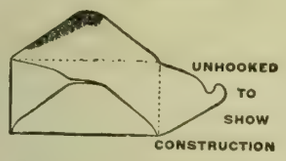
Why Use a 3c Stamp When a 1c Stamp Will Answer?

1¢ Penny Postage Envelope Saves Two-Thirds of Your Postage.

IT IS ONLY ONE OF OUR SPECIALTIES.

WE MAKE ALL KINDS OF ENVELOPES

SEALED FOR MAILING

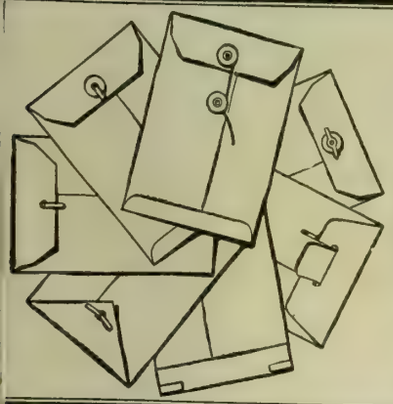


THEY COME ALREADY HOOKED

Neostyle Envelope Company

NEW YORK CITY, N. Y.
109 Leonard St.
Phone, Franklin 267

CHICAGO, ILL.
5 S. Wabash Ave.
Phone, Randolph 3091



THE HOUSE OF

ENVELOPE SPECIALTIES

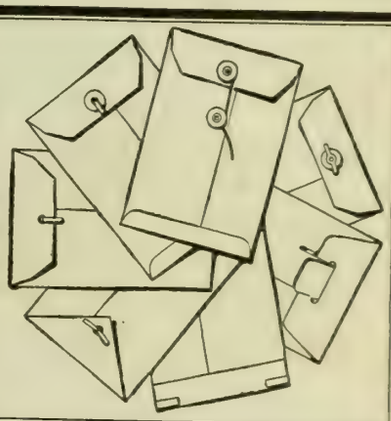
Phone Sunset 6000

Pioneers and Originators of Everything worth while in Tension Button and String Envelopes, Metal Clasp Envelopes, Paper Tongue Clasp Envelopes and Metal Flap Clasp Envelopes. Expanding Envelopes all styles, Photo Mailing Envelopes and Document Box Envelopes, Flat Wallet Envelopes, Vertical File Pockets, Mailing and Folding Boxes and Open End Catalogue Envelopes

Send for Our Catalogue — ENVELOPE SPECIALTIES

TENSION ENVELOPE CO., INC.

GENERAL OFFICE AND FACTORY:
33, 34th Street BROOKLYN NEW YORK



ETCHED METAL PRODUCTS

General Etching and Mfg. Co.

ETCHED METAL PRODUCTS

MANUFACTURERS OF

NAME PLATES FOR EVERY PURPOSE—DIALS FOR CLOCKS AND INSTRUMENTS
AUTOMOBILE PLATES—ADVERTISING SIGNS AND
SPECIALTIES OF UNUSUAL MERIT

TELEPHONE SEELEY 164

312-14-16 S. HAMILTON AVE.

CHICAGO, ILLINOIS

EXCELSIOR PACKING PADS

The cleanest, most satisfactory and in the end the cheapest packing material manufactured. Adaptable for practically all work. Samples cheerfully sent.

TRY US FOR
Prompt, Painstaking Service
Telephone Diversey 4500

H. W. SELLE & CO.

1000-1016 N. HALSTED STREET
CHICAGO, ILLINOIS

EXPORTERS

Toldbodgaten 40
CHRISTIANIA, NORWAY

Basseinaya 60/34
PETROGRAD, RUSSIA

THE GREAT NORTHERN CORPORATION

Affiliated with

THE NORTHERN EXPORT AND IMPORT CO., LTD., OF CHRISTIANIA

Export and Import Merchants

Joint Capital Fully Paid: 5 MILLION KRONER

Telephone Barclay 8898 **13-23 PARK ROW, NEW YORK, U. S. A.**

IMPORT

Coffee
Cocoa
Spices
Wood Pulp
Sardines from own factories
Fishballs from own factories
Salted & Dried Fish from own factories
Hides and Skins
Raw Rubber
Jute
Chinese Products, Japanese Products, etc., etc.

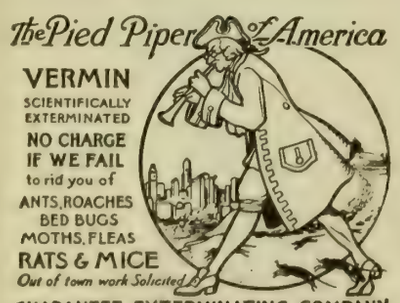
Branches are now being organized in CALCUTTA (India), KOBE (Japan), SHANGHAI and HONG KONG (China), MANILA (P. I.), HAVANA (Cuba), Mexico City, and in all Central and South American Republics.
References: SCANDINAVIAN TRUST CO., New York
A. S. ANDRESEN'S BANK, Christiania.

EXPORT

Foodstuffs, Canned Goods, etc.
Machinery and Tools
Railway Supplies
Hardware
Agricultural Implements
Chemicals and Drugs
Novelties
Leather and Leather Goods
Rubber Goods
Lubricating Oils
Vegetable Oils
Automobiles and Supplies
Electrical Goods, Supplies and Specialties
Steel, Iron, other Metals, etc.

Every Department is managed by experienced specialists
Correspondence in Any Language
"The House of the Perfect Organization"

EXTERMINATORS



GUARANTEE EXTERMINATING COMPANY
500 FIFTH AVE. N.Y. Phone VANBILT 2716-7-8
WRITTEN GUARANTEE FOR ONE YEAR

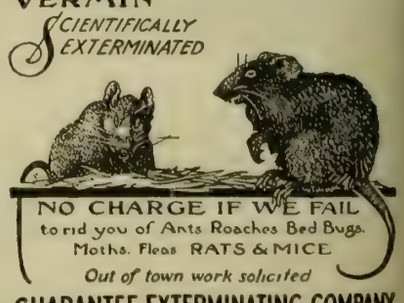
There's Something in a Name

We have a POSITIVE PROCESS for the elimination of all Vermin. ***Payment for work is subject to complete extermination.*** Treatment without interference with the usual routine of office or household. Absolutely odorless preparations used.

WRITTEN GUARANTEE FOR ONE YEAR

REFERENCES:

Yarborough Hotel, Raleigh, N. C.; Hotel Knickerbocker, New York; American Museum of Natural History, New York; Bausch & Lomb Optical Company, Rochester, N. Y.; Woolworth Bldg., New York.

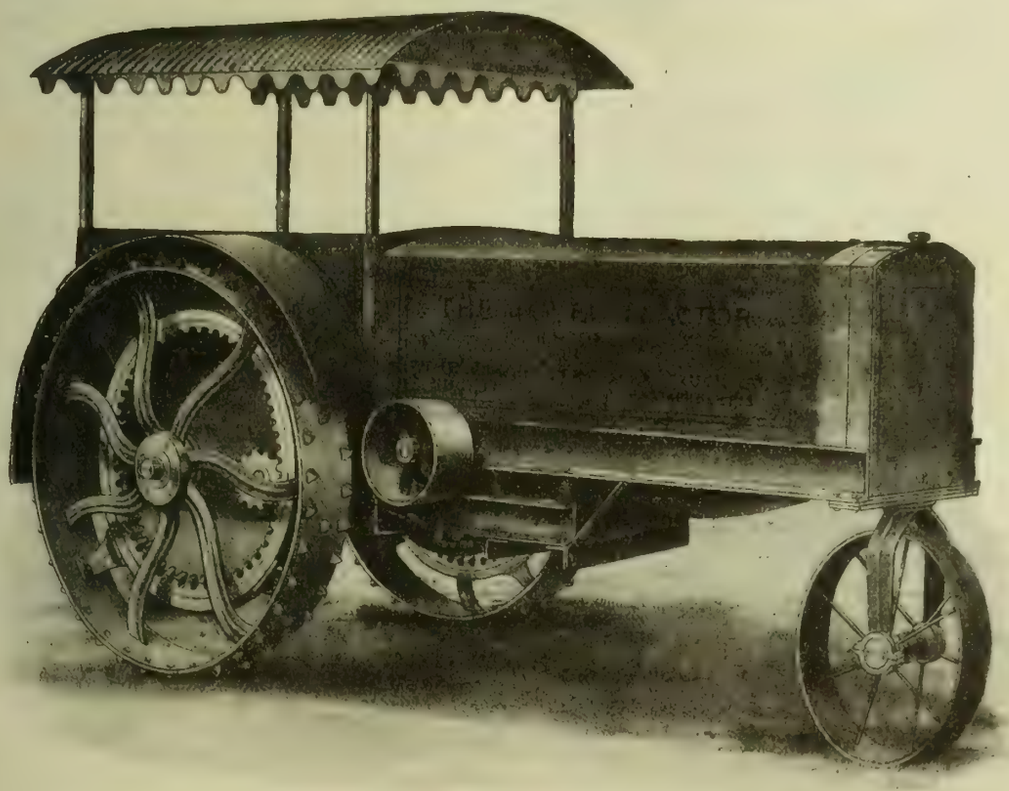


GUARANTEE EXTERMINATING COMPANY
500 FIFTH AVE. N.Y.
WRITTEN GUARANTEE FOR ONE YEAR

THE JEWEL TRACTOR

The Right Tractor at the Right Price

Burns Kerosene or Gasoline



What the JEWEL TRACTOR will do

Mowing
Corn Binding
Harvesting
Corn Picking
Hauling Crops
Drawing Thresher
Road Dragging
Ditching
Filling Silo
Pumping Water
Baling Hay
Shelling Corn
Sawing Wood
Crushing Stone
Mixing Concrete
Irrigating
Pull up Stones
Tear out Hedges

IT WILL DO all your Stationary Work as well as

Plowing
Rolling
Picking
Corn Planting
Cultivating
Drilling
Digging Potatoes
Manure Spreading
Spraying Trees
Elevating Grain
Smoothing
Haul Logs
Haul Heavy Loads
General Freighting
Road Work
Excavating
Leveling

Built in two sizes, 8-16 H. P., 12-24 H. P., and

BACKED BY THE STRONGEST TRACTOR GUARANTEE EVER WRITTEN

WRITE FOR CATALOG

The Jewel Tractor & Truck Co.

BOSTON, MASS., U. S. A.

Agents for Great Britain MESSRS. FOGDEN & PETERS
86 West Street HAVANT, ENGLAND

FELT SPECIALTY MFG. CO.

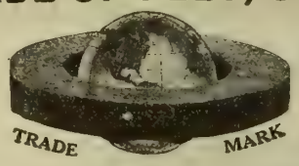
T.R. BRAWLEY

IF IT IS MADE OF FELT, CONSULT US

Felt Specialties Cut to Sample or Specifications for Automobile, Electrical, Machinery and Novelty Trade

No Order Too Small to Receive Prompt and Careful Attention.

TEL. 488 MAIN



We Can Supply You at the Right Prices. All Goods Guaranteed as to Quality and Measurements.

Estimates and Samples Submitted.

ADAMS and YORK STS. BROOKLYN, N. Y.

"Nationalize Thru The National"

Put your buying activities on a National basis by utilizing the values of this Directory.

Here are listed the markets of American products—the supply points of business equipment—the location of practically every conceivable need and the source of all materials.

By making use of the information given, you can increase your buying power—defeat competition thru economic buying, and aid in the principle of Trade-Nationalization. "Nationalize thru the National."

War Changes the Channels of Trade

Nations have largely stopped peace time employment for war time service. While machinery, men and money are being devoted to the preservation of liberty—the usual avenues of commerce are blocked by the new conditions.

Labor is scarce—materials are scarcer and facilities are commandeered in the interests of our national preservation. The cost of hard-to-get things rise and the sacrifice of quality is a great temptation.

In a Market of Questionable Values

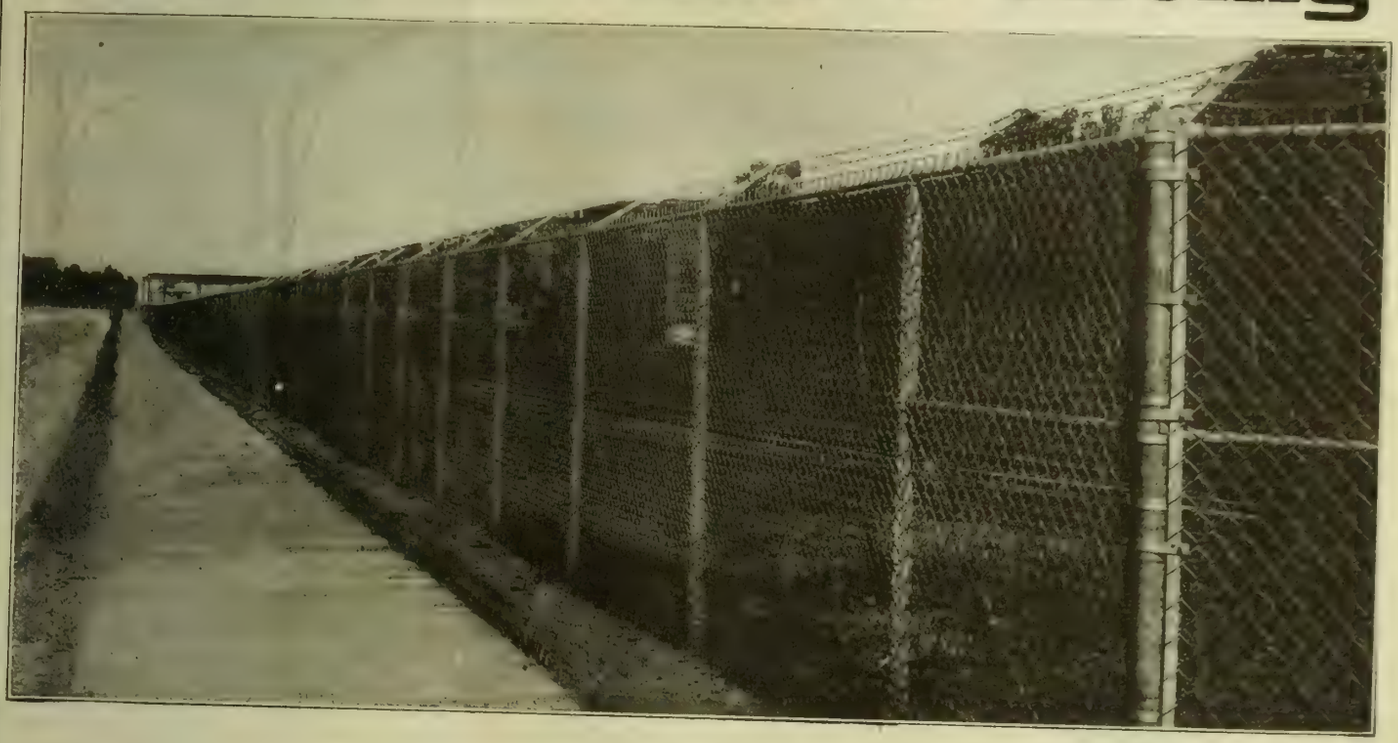
These war-time conditions occasion a change of values in workmanship and materials, due to inability to freely obtain both, and the demand of hurried deliveries. To be sure of quality in such a market requires utmost caution. Unknown merchandise is not the most economical purchase under such conditions. Nationally advertised products are the most dependable because they are known and advertised. This directory is a national medium.

Flexible Buying Policy Gets Action

It is the far sighted executive—who can visualize the economic trend of the times—that molds his buying policy to fit existent conditions. Establish new relations—expand your buying policy—nationalize through the National when you need supplies and you will get results.

CYCLONE • *Chain Link*

Property Protection Fencing



For Factories and Industrial Plants of all kinds; Country Estates, Country Clubs, Golf Grounds, Parks, Public and Private Grounds, Schools, Tennis Courts, Cemeteries, etc. Fencing for City, County, State, National Institutions, and Government Grounds of all kinds.

SPECIAL FENCING, ENTRANCE GATES, WIRE or IRON, built for any purpose.

Also Factory, Office and Stock Room Wire Partitions, Window and Skylight Guards, Belt Conveyors, Iron Railings, etc.

Ornamental Wire Fence Fabric for Front and Back Yards, and Division Fencing, Flower-guard, Vine Trellis, Complete Fence, Ornamental and Farm Gates, Safety Rubbish Burners, etc.

Fencing for Poultry Yard Enclosures, Kennels, Animal Cages, Bird Cages, etc.

For Instant Service—Phone, Wire or Write Our Nearest Offices

CHICAGO
175 West Jackson Boulevard
Tel. Wabash 2020

DETROIT
Penobscot Building
Tel. Cherry 5040

PHILADELPHIA
403 Stock Exchange Building
Tel. Locust 3434

NEW YORK CITY
2787-89 Woolworth Building
Tel. Barclay 3595

OAKLAND, CAL.
Standard Fence Co., 310 Twelfth Street
Tel. Oakland 475

PORTLAND, ORE.
Northwest Fence & Supply Co., 372-374 East Oak Street
Tel. East 7073

CYCLONE FENCE COMPANY

Main Offices: WAUKEGAN, ILLINOIS

Factories: WAUKEGAN, ILLINOIS · · · CLEVELAND, OHIO

Tels. { Waukegan 170, Waukegan 171

Tels. { Rosedale 3012, Central 1653

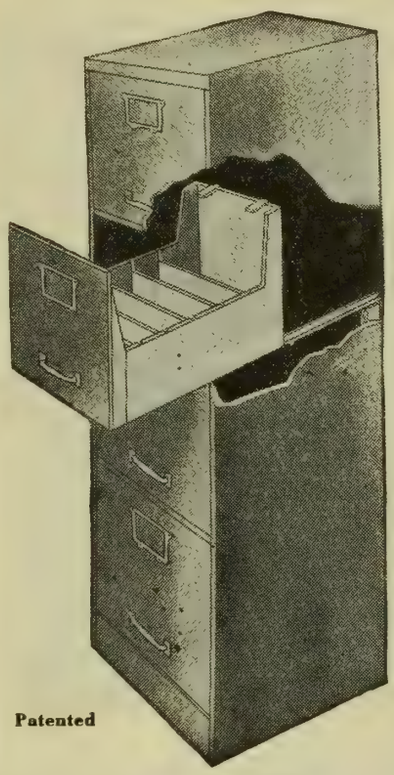
TROUT DIRECT FILING CO.

MANUFACTURERS OF

The Only Steel Filing Cases With Removable Metal Partitions

Patented by S. Edgar Trout

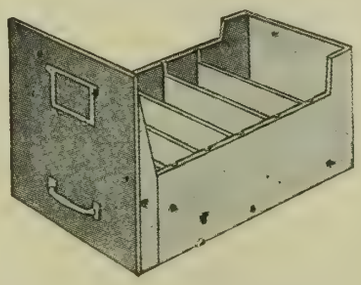
825 Chestnut Street **PHILADELPHIA, PENNA.**



Patented

This 4 drawer Cabinet is the finest, cheapest and most practical case on the market.

Everything Ready with Folders for Use.



This drawer can be removed from cabinet, placed on stand; very convenient alongside of desk for your daily office work.

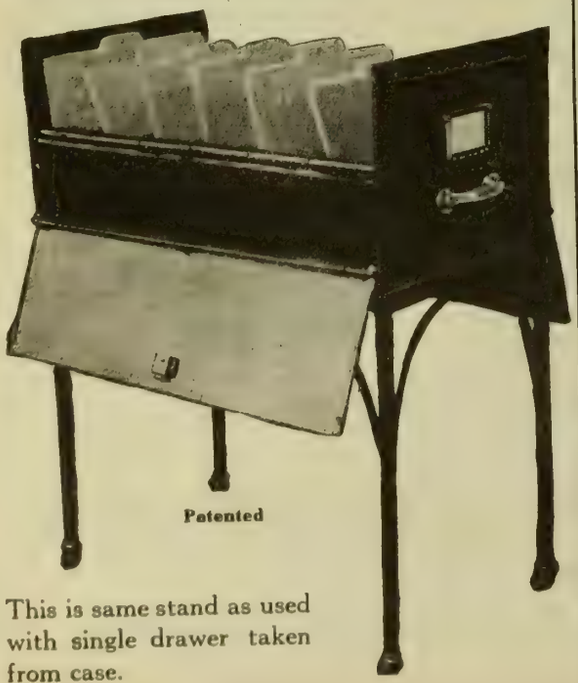
With Casters so you can use it any place.

HERE IS A REVELATION

TRANSFER CASE. Patented.

Contains 4 drawers which fit any filing cabinet—put into same when you start filing—when full, remove case (instead of mixing or sorting out your papers), place in this 4 drawer stand and you have a complete, original record of everything. "CAN YOU BEAT IT?"

BILLING CABINET like this with closed lids, locked for Loose Leaves, Books or Accounts.



Patented

This is same stand as used with single drawer taken from case.

Write Us For Information

We are always glad to quote prices, suggest filing arrangements to fit your needs and to co-operate in planning direct filing equipment to meet the demands of any office or business.

Write, telephone or wire us for prompt and complete details.

Fire Brick

REFRACTORIES OF ALL KINDS, FOR ALL PURPOSES
STANDARD AND SPECIAL SHAPES

You will appreciate the services of clay product manufacturers with 70 years' experience behind them—

Clay products manufacturers owning their own mines in the very heart of the celebrated Cheltenham Clay District of Missouri—

Two immense plants right where the clay is located—

Facilities for shipping unexcelled anywhere—

A complete Ceramic Laboratory for the testing of materials—

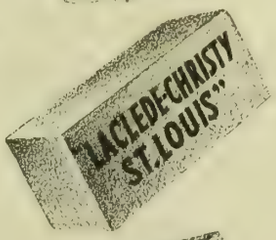
Skilled Ceramists eternally at work developing new materials to meet special requirements or to keep pace with the ever increasing demands being made upon refractories in modern industrial furnaces.

GLASS INDUSTRIES, here and abroad, have used our High Grade Flux Blocks and other Glass House Refractories with the utmost satisfaction in service and economy for many years.

AUTOMATIC CHAIN GRATE STOKERS built by this company conserve coal by producing practically perfect combustion.

Inquiries from anywhere receive careful, conscientious consideration

"LACLEDE ST. LOUIS"—a dry pressed brick made of our Cheltenham clay. Designed for general purpose use. Gives the greatest satisfaction in all types of furnaces except where a refractory is subjected to excessive corrosion or abrasion. Bears a very high working temperature without deformation, fusing at about 3100° Fahr. plus. Withstands sudden temperature changes.



"LACLEDE-CHRISTY ST. LOUIS"—a stiff mud brick very similar to our Laclede-St. Louis" brick in character. It also is made of our Cheltenham clay. Fusing point, 3100° Fahr. plus. The chief point of difference is that this brick will withstand abrasion, hence may be used in several additional practices.

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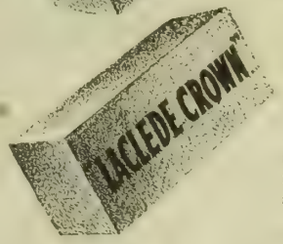

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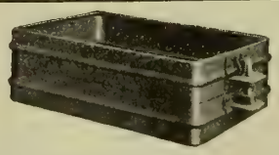

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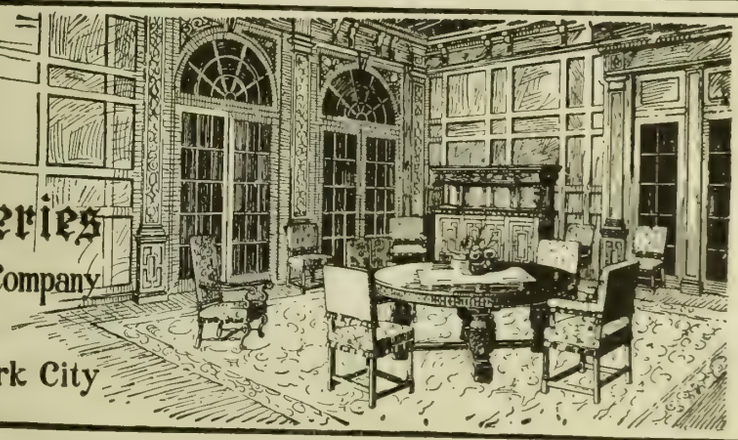

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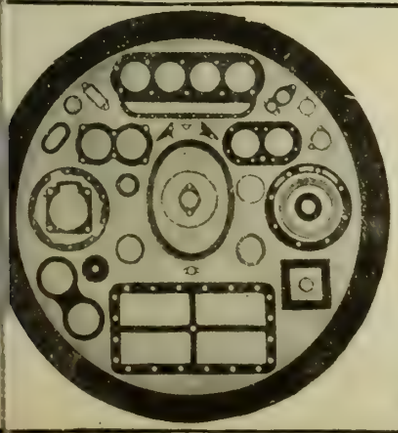

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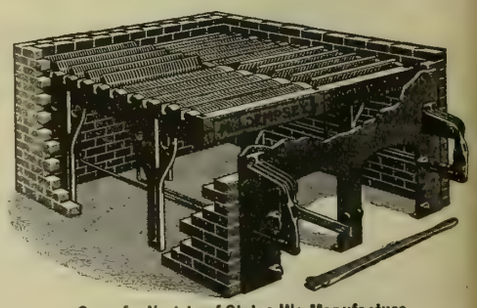

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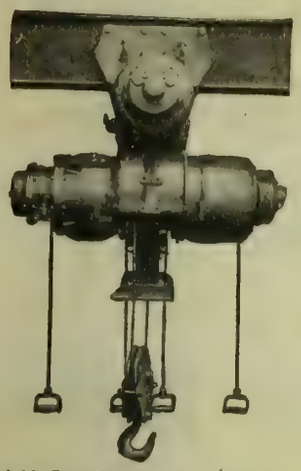
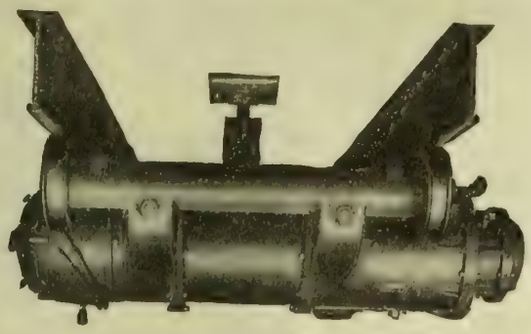


Variable Speed Control, D. C. Hoist with Motor Driven Trolley. Especially useful where loads must be carried distances too long for the workmen to push them on the runway efficiently.



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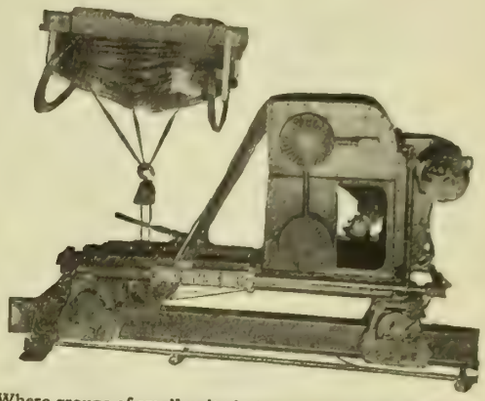

Where groups of small units in trays are to be handled, this type of hoist has decided advantages, particularly where there are curves in the I-beam runway. It can be supplied with two load hooks where long flexible loads are to be handled.

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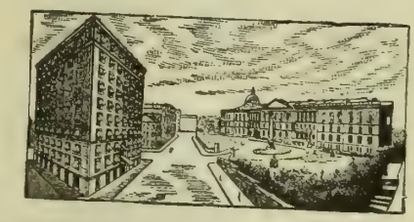

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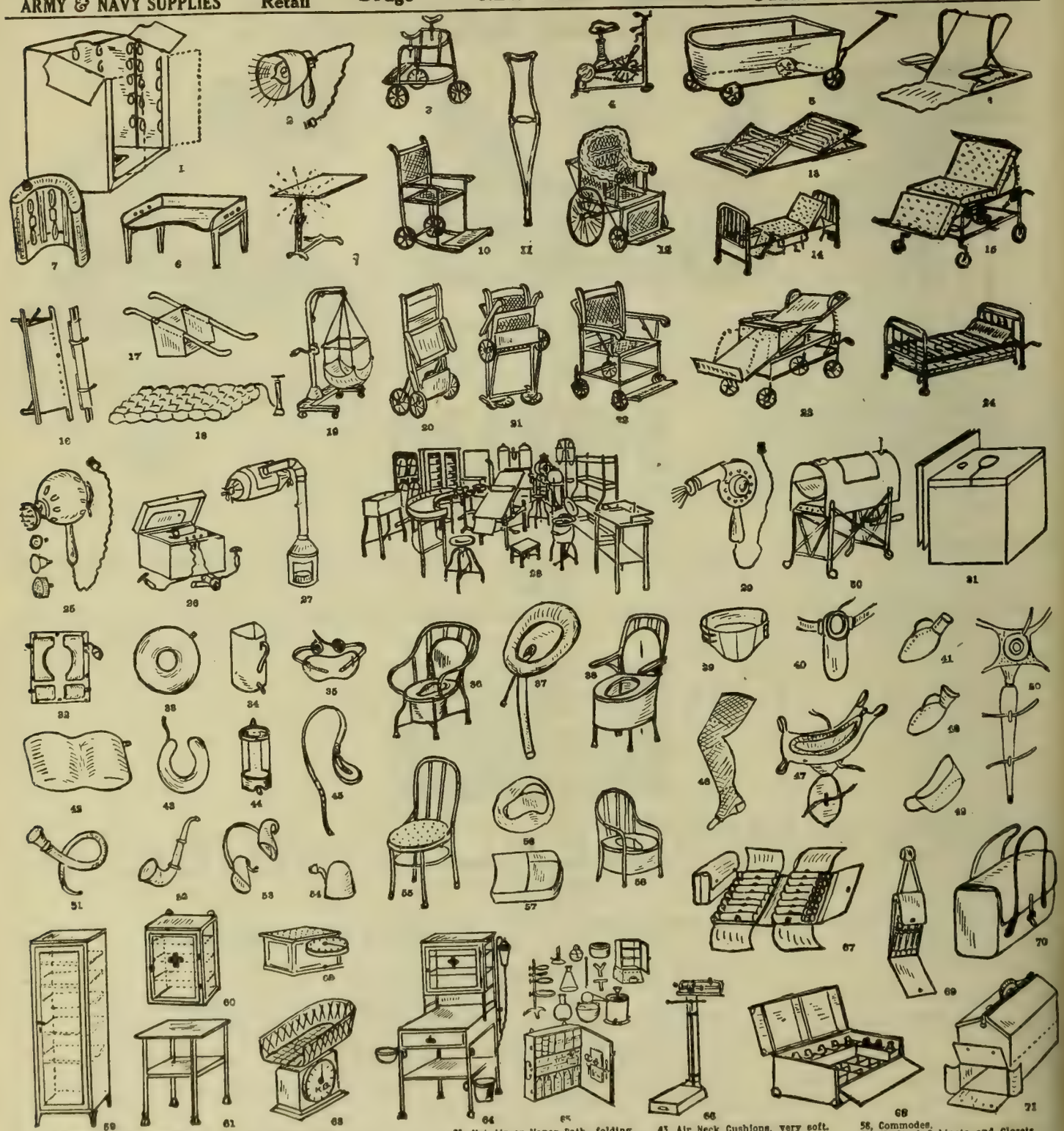

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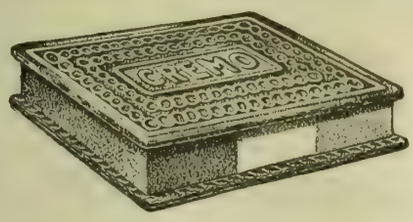

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SECOND QUESTION	Should my executors be obliged to sacrifice, at a great loss, securities which I may leave for the purpose of raising the money necessary to meet these inheritance taxes?
Illustration	Bonds, Stocks, Real Estate and Mortgages, even of unquestioned value, cannot be sold at present except at great loss, and there is little prospect of better conditions for several years. The larger the estate the greater the shrinkage in value if cash is required for immediate use.
THIRD QUESTION	How can I best protect my estate and make sure that my beneficiaries receive the amounts I bequeath them in my will?
Illustration	Large estates frequently shrink to such an extent in settlement that many benefactions are reduced. This is often because the executors are obliged to sacrifice securities to obtain money necessary for inheritance taxes and other debts.
THE ANSWERS	***The Answers to These Questions*** are given in a short brief I have prepared, which I will be pleased to send to any one interested, upon written application.

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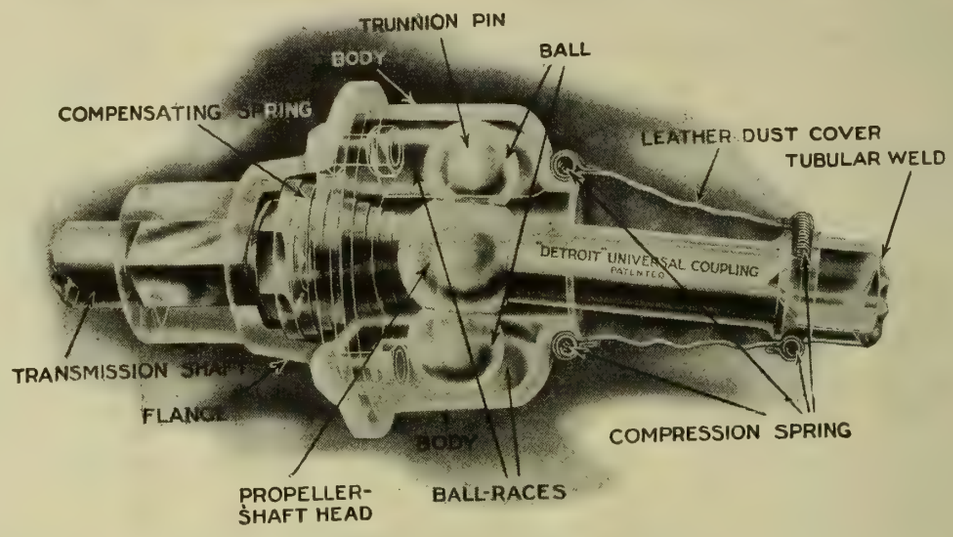

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TRUTH

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No guess work characterizes this Buyers' Guide. Every word printed in it has received the personal O. K. of an executive authorized to act and responsible for the results.

Nothing is printed free. Every listing and item is paid for by the concern it represents. The Directory is personally delivered into the hands of a selected list of buyers and executives—and to other order producing sources—including a total circulation of 100,000 chosen for buying power.

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Products.

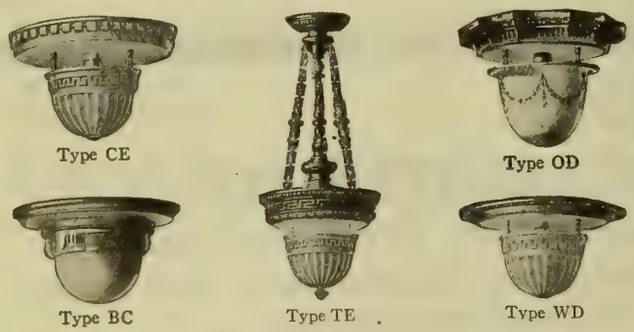
LIGHTING FIXTURES.

Brascolite Semi-indirect Lighting Fixture.

A fixture which does not rely upon the ceiling for reflection. Numerous types made in more or less ornate design, in metal and composition, for mounting directly on ceiling and for suspension by one or more chains.

BRASCOLITE
PATENTED
TRADE-MARK

DESCRIPTION.—The Brascolite consists of two essential parts: a bowl of white diffusing glass of sufficient density to protect the eyes from the direct rays of the lamp (and yet transmit diffusely a liberal proportion of the light), and a flat reflector, presenting a white depolished surface from which the light is diffusely reflected. The light given is shadowless, white, uniform and soft, and photometric tests show the remarkable efficiency of 80 per cent. Construction and ventilation is such that dust does not readily accumulate, but, when necessary, fixture and lamp may be efficiently cleaned with a dry cloth without detaching any part of the fixture or removing the lamp. A switch may be installed in any type of Brascolite, thus rendering unnecessary the wall switches customarily required.



BRASCOLITE FIXTURES

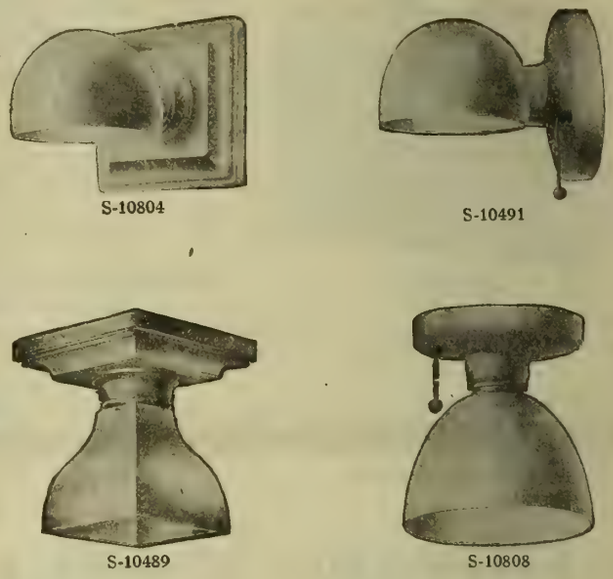
ECONOMY.—With the Brascolite system of illumination, it is possible to provide illumination which does not produce eyestrain, at the same expenditure for current as with direct lighting, and with 33 per cent less current than with ordinary semi-indirect lighting, or 50 per cent less than indirect. This economy is effected by eliminating to a large extent the absorption of light by the ceiling of the room to be illuminated. This ceiling at best is a poor reflector, and is not to be compared in efficiency with the specially designed reflector of the Brascolite.

Aglite All Glass Fixture.

The Aglite is a fixture made entirely of white glass. No exposed metal parts. Especially adapted for use in bathrooms and hospitals, or wherever sanitation or cleanliness are essential. Finish is absolutely permanent. May be cleaned with a damp cloth without injury of any sort.

AGLITE ALL GLASS
TRADE-MARK

DESCRIPTION.—The Aglite fixture is made of pressed white glass, marblelike in appearance. All surfaces are perfectly smooth. Made in a variety of types for both bracket and ceiling outlets, to which it is attached by means of a bridge furnished with the unit. No insulating joint is required, as the fixture itself is a perfect insulator. Brackets and ceiling units are available with or without shades and with one or two lights.



Industrolite.

A lighting fixture designed to attach to sockets on drop cords or fixtures, eliminating the necessity of electrical changes or added expense for additional wiring. Industrolite produces a maximum of soft diffused light for operating purposes in all types of industrial plants where efficient illumination is required. The necessity of individual lamps for local lighting is unnecessary, and the eyes of industrial workmen are protected.

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THE FACTORY FIXTURE
TRADE-MARK

DESCRIPTION.—The Industrolite is composed of two elements: an upper reflector of porcelain enameled steel, and a white porcelain enameled steel cone suspended below the upper reflector in such a manner that all light above the angle of 40° is intercepted and reflected to the working plane. Made in 3 sizes:

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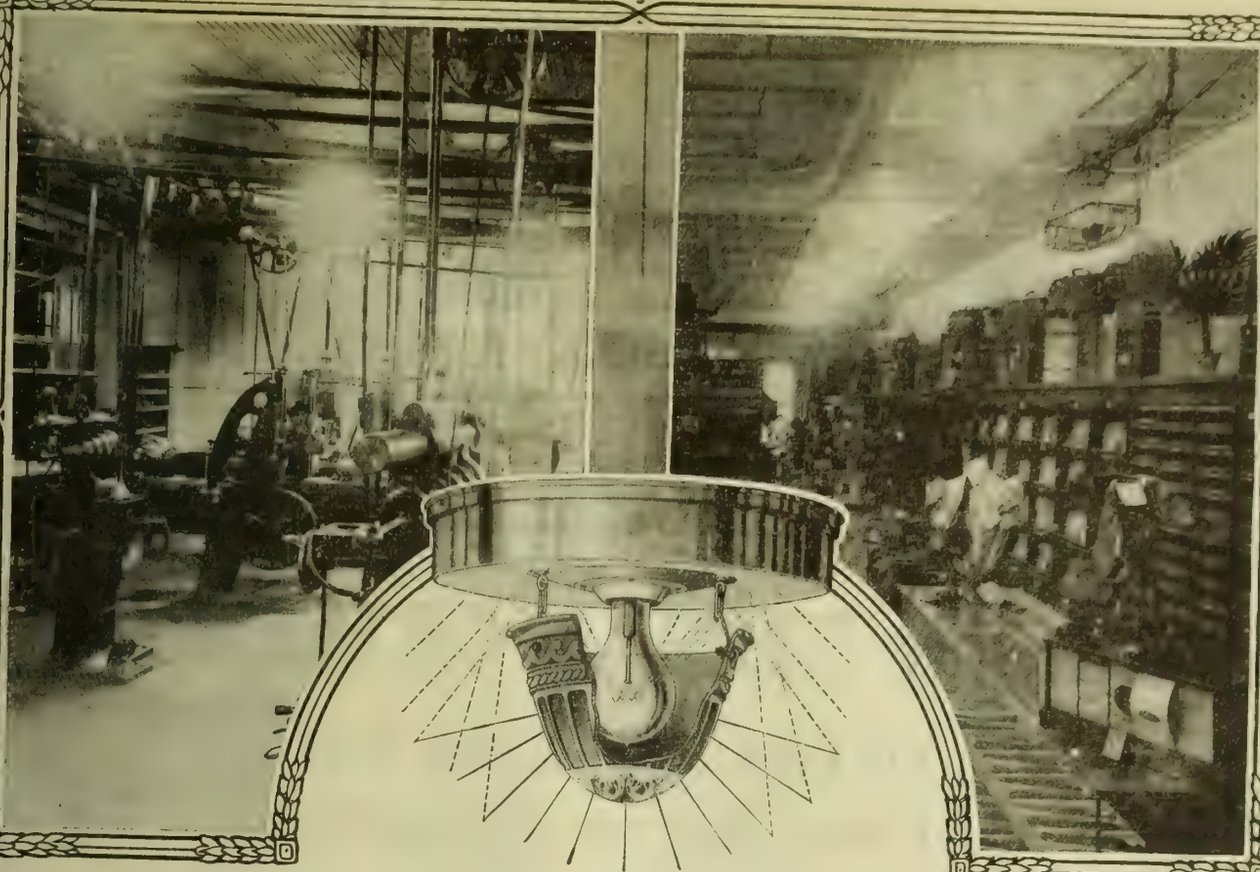
F1205	12-in Reflector	100, 150 and 200 watts
F1207	14½-in. Reflector	300, 400 and 500 watts
F1209	17½-in. Reflector	750 to 1000 watts



INTERIORS LIGHTED AND PHOTOGRAPHED BY REFLECTOLYTES

No flashlight was used to photograph the above factory workroom and store. The pictures were taken by the light of Reflectolyte units, installed for illuminating purposes. Note clear, even distribution of light and practical elimination of shadows throughout.

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Drawing of lighting unit above, shows just *why* clear, even, white light floods every corner of a "reflectolyted" room.

Reflecting surfaces are *oppositely inclined*, thus distributing light over widest possible area. Correct relation of reflector to lamp and bowl eliminates glare and shadow; makes lighting efficiency independent of height, shape or color of ceiling.

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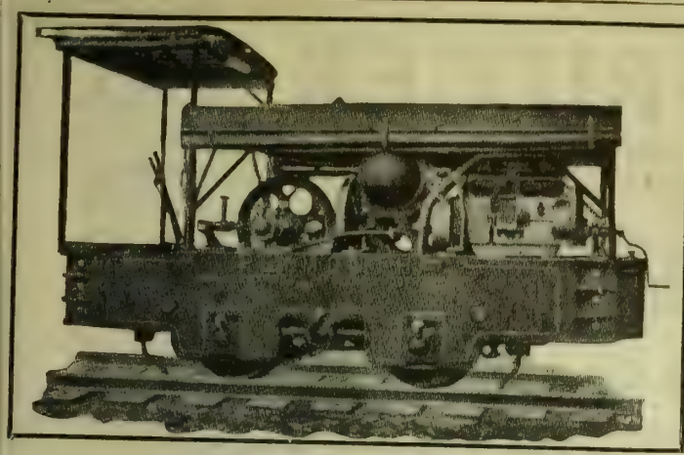

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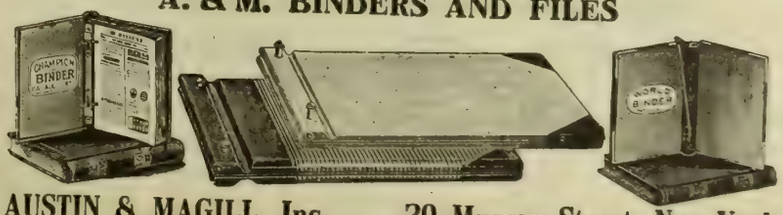

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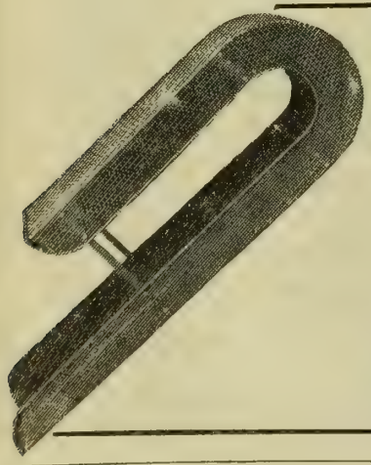

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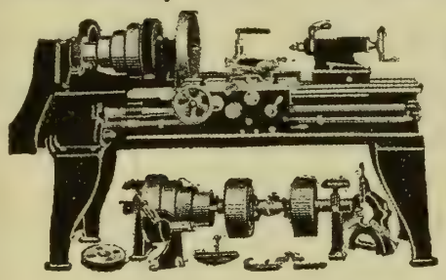

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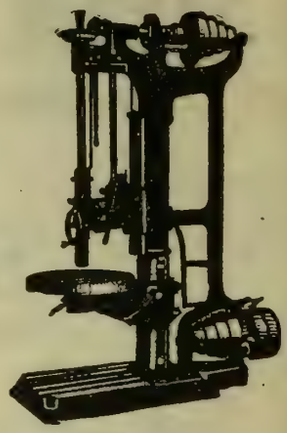

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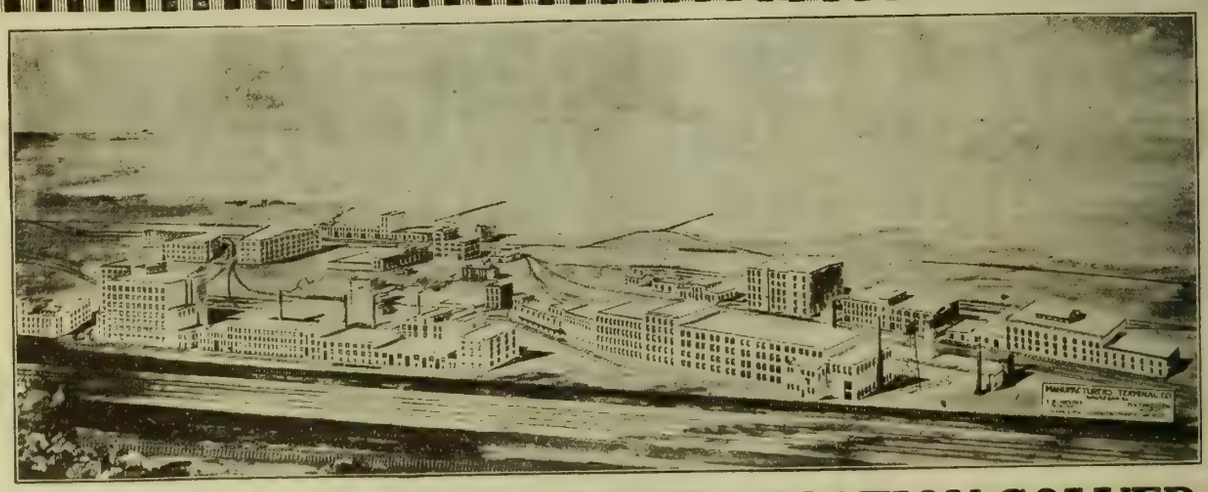

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TRADE MARK REGISTERED
INQUIRIES SOLICITED

STERLITE METAL

IS NON-CORROSIVE, ALSO ACID RESISTING
MACHINES AS READILY AS BRASS INGOTS AND CASTINGS

STERLING SALES COMPANY

Distributors AUBURN, INDIANA U. S. A.

METAL CEILINGS

STEEL CEILINGS - WALLS - SHEETS

WE CARRY A LARGE STOCK ON HAND IN ALL WAREHOUSES
PROMPT SHIPMENTS REASONABLE PRICES
CATALOG AND PRICES SENT ON REQUEST—DISTRIBUTORS WANTED FOR ALL LOCALITIES

BAYONNE STEEL CEILING CO.

BAYONNE, N. J.
84 W. 26TH ST.
TEL. 445 BAYONNE,

NEW YORK CITY, N. Y.
306 EIGHTH AVENUE
TEL. 2459-8024 CHELSEA

NEWARK, N. J.
350 SPRINGFIELD AVE.
TEL. 2235 WAVERLY

METAL CEILINGS

DYCKER & RITTER

TEL. CHELSEA 4688 452 W. 28th ST., N. Y.

METAL FIRE PROOFING
METAL LATH
CALVANIZED SHEETS
CORRUGATED SHEETS
STEEL BARRELS
METAL CEILINGS & WALLS
METAL SHINGLES
ALL FORMS OF METAL ROOFING
ALL FORMS OF METAL SIDING
CORRUGATED ARCHES
ROCKFACE SIDING
BRICK SIDING
STOVE PIPE BLUE SHEETS
OPEN HEARTH TERNS
TIN PLATE

METAL PHOTO FRAMES

Can You Use Merchandise in Quantities

Here is your chance to deal direct with the largest manufacturer of the well known SILVER finished PHOTO FRAMES. They have such a fine finish that you can't tell the difference from Sterling.

The Price or Samples will be mailed to you on request. We also manufacture the finest Novelty Candy, Sewing and Knitting Boxes, covered with silk, leather or tapestry, all fitted with beautiful implements.

Jobbers, Premium and Mail Order Houses should call or write to

NATHAN A. KRISCHER, Inc. 13-19 University Place
Tel. SPRING 1843 and 1844 NEW YORK CITY, N. Y. Tel. SPRING 1843 and 1844

FOR FOUNDRIES AND ALL USERS

Get Our Quotations Before Buying Scrap Metal

SCRAP METALS

Get Our Quotations Before Selling Scrap Metal

No Order Too Big For Our Capacity, Nor Too Small to Receive Our Attention

Keystone Metal Co. Inc.

Write, Phone or Wire

Telephone WMSBURG 5261

589 KENT AVE. BROOKLYN, N. Y.

Details on Request

LEYGRAND & COMPANY, Inc.

120 Broadway **MILL AGENTS** NEW YORK

Steel, Copper, Brass, Aluminum: Wire, Powder, Sheet and Ingot

Dealers in Machinery and Machine Tools. Importers of Crucibles and Graphite

PHONE 4794 RECTOR

PURCHASING AGENTS!

On every page of this Directory and Guide there is an opportunity. Investigate! A search of the different sections may develop new uses that you can put them to in your work. Many values will be found tucked in many parts.

Buy Nationally — Efficiently

Extend your business relationships — get acquainted with the policies, prices and products of concerns you do not know now. A flexible, expanded buying policy often results in greater economy, added satisfaction and fewer disappointments in these days of fluctuating values. Buy Nationally—and you buy Efficiently.

Standardize Buying Practice

By intensifying your work in this way, you nationalize your activities and standardize your buying practice upon a more successful basis. Now is the time—amidst disturbed conditions—to develop your buying power. The concerns listed here are keen for the opportunity to serve you. At least agree to give them a chance to quote you prices.

India Mica
Amber Mica
Domestic Mica
Electrical Cut Mica
Stove Mica
Sheet Mica
Mica Rings
Mica Segments
Mica Tubes

S. O. FILLION, Inc.

MICA

68 MURRAY STREET
NEW YORK

QUALITY INSULATION

Canadian Branch:
OTTAWA, CANADA

India Branch:
KODARMA, BENGAL

Mica Chimneys
Canopies
Protectors
Mica Plate
Mica Flexible
Mica Cloth
Mica Washers
Mica Insulators
Phonograph Mica Discs

CUT OR UNCUT

Tel. BARCLAY 9798

MICA

ANY SHAPE OR PATTERN

MICA PLATE, CLOTH AND PAPER, WASHERS, OILED MUSLIN, ETC.

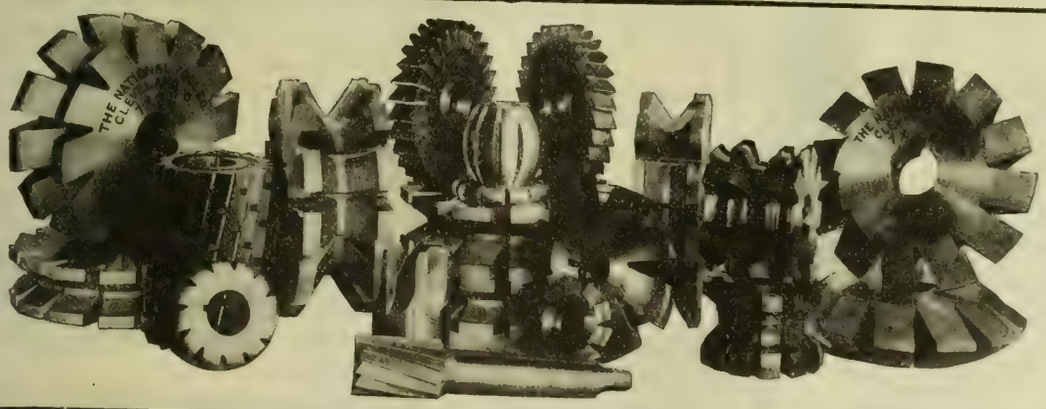
OILED MUSLIN TAPE and COTTON TAPE

A. O. SCHOONMAKER CO.

88 Park Place, New York

MILLING CUTTERS

Quality Milling Cutters and Special Tools



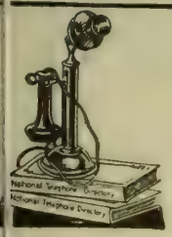
The National Tool Company

CLEVELAND
OHIO

Bell, Edgewater 2240

Ohio State
Highland 408

CHICAGO OFFICE
24 South Jefferson St.



Tell Them You Saw It in

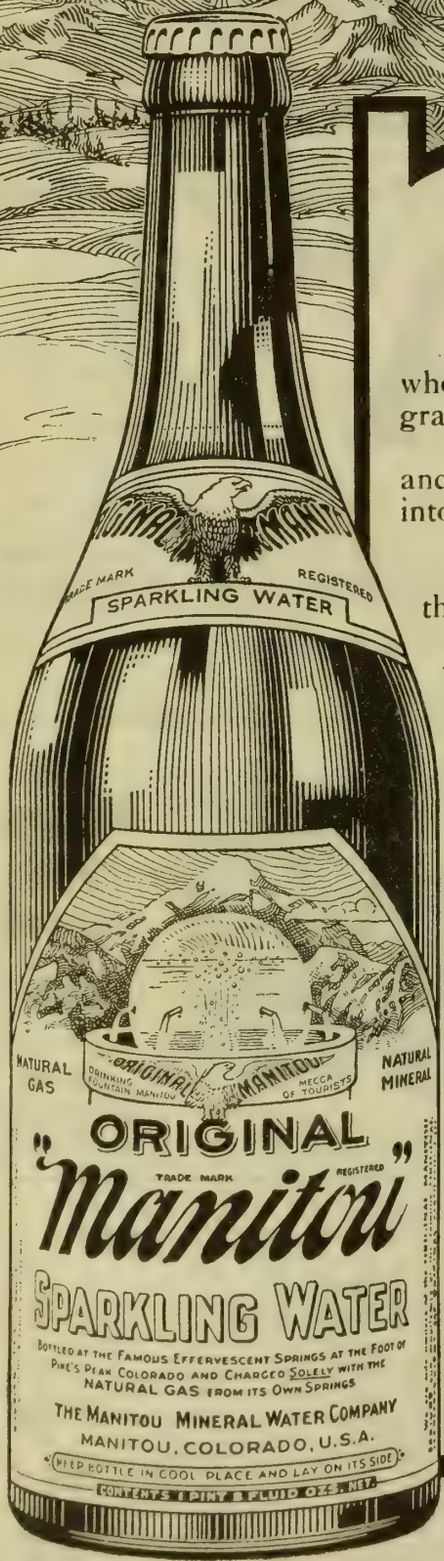
"The National Red Book"

One good service deserves another.

When you find what you want in this Directory reciprocate the service rendered by telling the concern you write to that you saw their name in "The National Red Book."

Your action will aid in our efforts to develop the book and make it of utmost completeness and value to you and to others.

LOOK FOR THE NAME ON THE EAGLE



ORIGINAL "Manitou"
SPARKLING WATER

Original "Manitou" Water was first discovered by the Indians who bestowed upon it the name of their God "Manitou," out of gratitude for the infinite good it did.

Original "Manitou" has an incomparable flavor. It is all life and laughter; and when you open a bottle the water awakens into countless bubbles.

Original "Manitou" is *pure*--as pure as only nature can make it. It reaches you *exactly* as it was when it welled up through the deep unsullied caverns at the base of historic Pike's Peak.

It is never open to the air for a single instant; it is absolutely uncontaminated.

Note this important feature: Original "Manitou" is charged solely with the *natural* gas from its own springs---instead of with "made" gas.

Over the famous spring at Manitou is a massive glass dome, *hermetically* sealed. From this the water goes straight to the carbonater. So does its carbonic-acid gas. In the carbonater the two reunite and go straight into the bottles together. There is no handling, no artificial charging.

Original "Manitou" is sold at all restaurants, hotels, cafes and drug stores, and is used in countless homes as a daily drink. A glass at breakfast washes away the bad tastes of the night and flushes the stagnant digestion.

A glass at midday cools the blood and a glass at the evening dinner whets the appetite.

The Manitou Mineral Water Co.

MANITOU COLORADO

SOLE OWNERS OF THE

ORIGINAL MANITOU SPRINGS

AND PROPRIETORS OF THE FAMOUS

Original "Manitou" Sparkling Water, Original "Manitou" Vichy and Original "Manitou" Ginger Champagne

SCHUSTER AND OBERT

Manufacturers of **BEVELED MIRRORS**

PHONE PATERSON 3709-J

HAWTHORNE, N. J.

MIRRORS FOR THE FOLLOWING TRADES:

Leather Goods, Vanity Cases, Advertising Novelties, Toilet Sets. Also Speedometer, Clock and Lamp Glasses

WE SHIP TO ALL PARTS OF THE WORLD

MONUMENTS

SEND FOR OUR ILLUSTRATED BOOKLET & SEND FOR OUR REFERENCE LIST OF SATISFIED CLIENTS

LAZZARI & BARTON CO.

343 EAST 233RD STREET NEW YORK CITY

TELEPHONE 1128 WOODLAWN

DESIGNERS AND BUILDERS OF

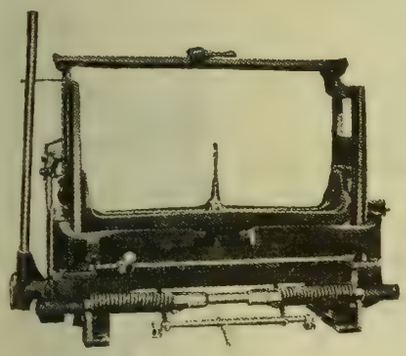
MONUMENTS & MAUSOLEUMS

OF THE BETTER CLASS

WE ERECT MEMORIALS IN ALL PARTS OF THE UNITED STATES

DESIGNS AND ESTIMATES PREPARED AND SUBMITTED WITHOUT OBLIGATION

MOULDING MACHINERY



No. 61 Buch's Combination Jar, Squeeze, Roll-over, and Pattern Drawing Molding Machine, mechanical and electrical driven.

Snap Flask, Pattern Boards, Pattern Frames, Bottom Plates, Ladles, etc.

Manufactured by

BUCH FOUNDRY EQUIPMENT CO.

318 N. George St. York, Pa.

Tapered Aluminum Snap Flasks

NEW LAKESIDE PRESS BUILDING IN CHICAGO. NOW BEING CONSTRUCTED FOR US. PARTLY OCCUPIED AT PRESENT TIME

The New Lakeside Press Building

This building—now under construction and partly occupied at the present time—is the newest addition to the Donnelley equipment. Here are batteries of giant multi-color presses—some of which print 96 pages of a big catalogue every second. A bindery, equipped with automatic machinery and every modern method, handles the "National Red Book" from paper mill to completed book. Our own organization distributes it into the hands of 100,000 qualified users.

The Human Appeal of Pictures That Move

HARNESS the attraction power of motion to your advertising and you tie one of the greatest forces in nature to your campaign. Forge this most effective link in selling to your chain of sales-producing sources, and you inject the human appeal of moving pictures into your product that paves the way for your salesman. Pictorially *prove* to wholesaler, jobber, dealer or public—that the printed words of your advertising are *facts* that are found in your product, and you win their confidence. Investigate—

Rothacker FILM MFG. CO. CHICAGO, U.S.A. TRADE MARK REG.

Industrial Motion Pictures

The Eye Is Pathway to the Brain

Through it you can sway your prospect's judgment and favorably influence opinion. Motion is eye-catching. Utilize it and you build the first step of any sale.

Put the sales demonstrating influence of living truths into animated pictures of your industry and you arouse buying action at lowest cost through this form of intelligent appeal.

Pictures Are the Universal Language

Pictures know no race, creed or country. Their appeal is equally intelligible to the educated and the illiterate. All mankind is their audience—every class of prospect is susceptible to their advertising value. Put your trade mark into action.

Dramatize Your Industrial Story

Put it into motion—into pictorial form. Surround it with a scenario—with an advertising punch in every foot of film. Draw out its sales points in an interesting, action-arousing, result-getting story. Eight years *specializing* in industrial exploitations has given us control of signal advantages in industrial pictures.

We create, design and produce industrial moving picture advertising with logical, impressive effects. We accentuate each sales value—furnish the ideas—film your story complete, at a very economical cost. We guide you in obtaining its circulation before any audience.

Animated Cartoons and Superior Titles

Our title room contains apparatus for production of superior titles. Mystery of animated cartoons, art titles and trick-photography is controlled here. Intricate instruments actionize drawings to the highest power of realism.

Rothacker Ideas Get Results Quick

Whether your problem is sales-demonstrations, employees, instruction, distribution through wholesaler, dealer or public—Rothacker Idea-films will prove the solution in an economical way.

Write for FREE Booklet

which describes our plant and plan, and shows how motion pictures are made to advertise.

We suggest and invite your inquiry

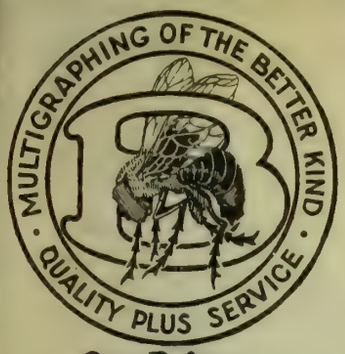
ROTHACKER FILM MFG. CO.

Watterson R. Rothacker, Pres.

1339 DIVERSEY PARKWAY

Chicago, Illinois

U. S. A.



Our Prices
Will Interest You

The B. Brown Company

229 West 28th Street, NEW YORK, N. Y.
Telephone FARRAGUT 6340

Multigraphing Typewriting
Addressing Folding Mailing

Out of town orders given special attention
Mail Campaigns expertly handled

NAME PLATES

QUALITY **Premier** SERVICE

NAME PLATES
CLOCK AND METER DIALS
SCALES

ADVERTISING NOVELTIES
AUTOMOBILE PLATES
SIGNS

NETS AND NETTING

"TANGLEFIN"

Cotton Gill Nets and Netting

"TANGLEFIN" Netting is the highest in grade and lowest in price, on the market. We employ no agents nor maintain expensive city offices. In dealing with us you buy direct from the factory, thus saving the middleman's profits.

"TANGLEFIN" holds customers as firmly as it holds fish. GET OUR PRICES.

National Net and Twine Co.

East Haddam Connecticut

Cotton Gill
"TANGLEFIN"
Netting
is manufactured from Sea Island Cotton, in Nos. 30/3, 40/3, 28/4; Long Staple Cotton in Nos. 20/4, 20/5, 20/6, 20/9, 20/12, 14/6, 30/6, 36/6.

NURSES

PATRIOTIC WOMEN

Your Country Needs Your Help to Care for The Sick and Wounded at Home as Well as our boys in Europe, during and particularly after the war.

BECOME
NURSES

OPPORTUNITY NOW TO EARN TUITION AND ALL LIVING EXPENSES WHILE IN TRAINING.

FOR FULL INFORMATION WRITE DEPT. N.

Course Includes Hospital Training, Class Work and Private Nursing. We register nurses of other schools and provide cases for Graduates at $25 to $35 per week, and Undergraduates at $15 to $20 per week.

Illinois Post Graduate and Training School for Nurses

546 GARFIELD AVENUE PHONE LINCOLN 2155 CHICAGO, ILLINOIS

BE PATRIOTIC

BUY West Virginia Natural Lubricating Oils
Zero Cold Test
They Require No Refining—Therefore Aid In Fuel Conservation

ZERO OIL COMPANY

101 First Street Telephone 17 **PARKERSBURG, W. VA.**

ORDNANCE SUPPLIES

Ordnance Engineering Corporation

Government Contractors ***Designers and Builders of Aircraft*** Consulting Engineers

Manufacturers of Trench Mortars, Gun Sights, Automatic and Rapid Fire Guns, Illuminating Shells, Hand Grenades and Deep Sea Mines.

Dealers in Arms, Ammunition, Metals, Machinery, Marine and Aeroplane Motors, Agricultural Machinery and Tractors.

Branch Office - London, England

Equitable Building 120 BROADWAY, NEW YORK Phone, 4794 RECTOR

"Consumer Acceptance"

It is a Principle Which

is involved in the buying and selling of merchandise.

Advertised products possess this value by virtue of the fact that they are known. Organizations could not afford to spend money to promote the sale of their products unless the article offered possessed the claimed worth. The consumer accepts known merchandise without argument.

Advertising means standing back of the merchandise. Standing back of the merchandise means guaranteeing it and making it known. Known goods win confidence, while the stranger product becomes a questionable value.

Therefore confidence won thru advertising constitutes "Consumer Acceptance." Incorporate this principle in your buying policy. Buy known advertised materials because they make known quality products and put into your output the values of "Consumer Acceptance."

Like Produces Like

Oxy-Acetylene Welding Equipment

These Hamilton Acetylene Generators are made of heavy-gauge steel plate with concave bottoms, so as to make same strong and durable.

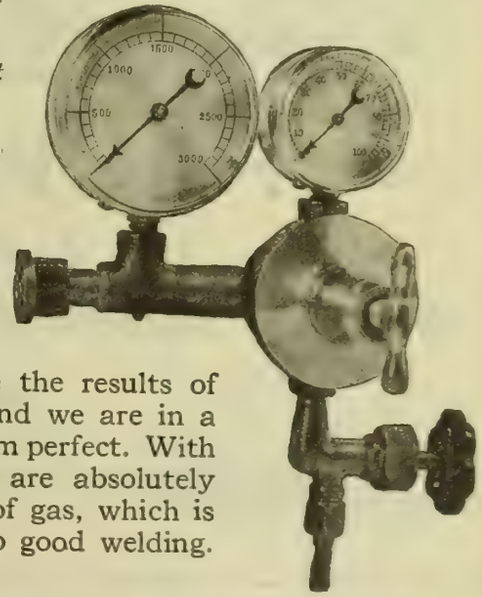
They have the automatic motor feed which works on a change of pressure, and as the gas is used the same starts automatically, also stopping at the designated pressure which is to be carried, the same being equipped with the latest safety blow-off valve, which is set at 20 lbs., this being as much pressure as is advisable to carry.

They have an over supply of water, so that the same can remain cool when working to its full capacity.

In connection with the generator there is a large water seal through which all acetylene gas must pass through 12″ of water before entering the gas line which connects the welding torch, so that it makes the same impossible for a flash back from the torch entering the generator, as the same would have to pass through the water, extinguishing the same; also having a check valve between the water seal and generator, making a double safety upon the generator. The top of the water seal comprises a filter which removes all possible impurities from the gases, making the flow more neutral and even at all times.

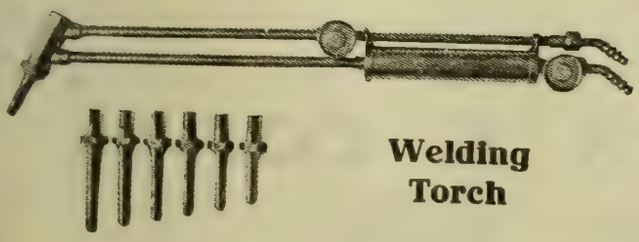
With this generator it is possible to generate acetylene gas at a cost of ⅞c per cu. ft. Each pound of carbide will generate 5 cu. ft. of gas.

Built in all sizes to meet your requirements.

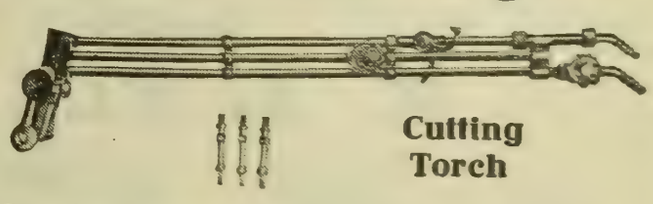


Standard Hamilton Regulators

Our regulators are the results of years of experience, and we are in a position to acclaim them perfect. With these regulators you are absolutely sure of an even flow of gas, which is very necessary to good welding.



Welding Torch



Cutting Torch

Send for Catalogue and Complete Descriptions

HAMILTON WELDING & MANUFACTURING COMPANY

Phone Bell 600-X **HAMILTON, OHIO** **Phone Home 1353-X**

Trucking and Storage

Telephone, Greeley 4617

New York Crating and Forwarding Co.

ESTABLISHED 1898

BOXING OR CRATING FOR EXPORT
Automobiles and Machinery of All Descriptions

Anything moved Anywhere. Nothing too large or heavy for us to handle. Delivery to all Steamship Piers and Rail Roads in New York, Brooklyn and New Jersey.

521-523 West 37th Street

NEW YORK

PACKING BOXES

ESTABLISHED 1870

P. RYAN

ESTABLISHED 1870

Largest Packing Box Dealer In the World

Have You Any Packing Boxes For Sale? I Buy Any Quantity and Pay Best Prices For Them

I BUY **PACKING BOXES** I SELL

ALSO MANUFACTURE

550 to 560 WASHINGTON STREET

NEW YORK CITY

TELEPHONE SPRING 1837 / 1838

PAINTERS

Phone Chelsea 99

Anywhere in the United States

76 & 78 Ninth Ave. NEW YORK, N. Y.

F. J. FLECK & CO.

Specialists in

PAINTING MILL AND FACTORY BUILDINGS

We paint entire plants without interference with operations. Stock and Machinery completely protected. We guarantee results when we write the specification.

Established 1866

W. C. Ritchie and Company

PAPER BOXES AND FIBER CANS
MAILING TUBES

400 SO. GREEN ST., COR. W. VAN BUREN ST.

TELEPHONE HAYMARKET 4102

Chicago

Powder Boxes

Jewelry Boxes

Fiber Cans and Paper Boxes

Reduce your container expense by adopting the Ritchie air-tight, impervious, sanitary fiber can. Choice of numerous styles, sizes, designs and shapes. Made all fiber or with tin cover and bottom.

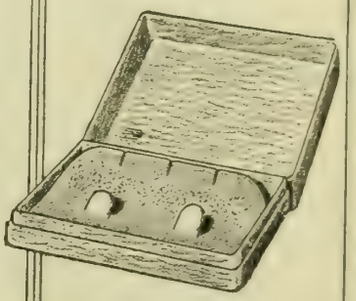
Strongly built and parchment lined. Light weight; cuts transportation cost. Retains aroma, flavor and essence of contents.

Any Shape or Size Design or Color

Specialists in Boxes for

Coffee	Pills
Tea—Spices	Powders
Perfumes	Candies
Face Powders	Cigarettes
Toilet Articles	Jewelry

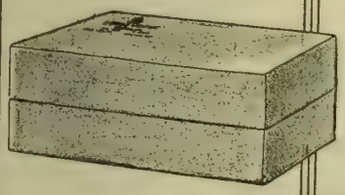
And every kind and size of fine boxes



Jewelry Boxes

"The Package That Sells Its Contents"

An attractive container, properly labeled, is a strong influence in selling. Ask us to furnish the evidence—samples appropriate for your use, and prices.



Other Styles to Suit Your Needs

Write Our Nearest Representative

Detroit, Michigan
Lou G. Harris,
318 New Telegraph Bldg.

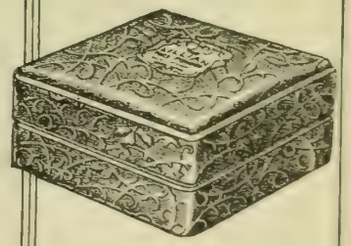
Kansas City, Missouri
Thompson-Munro-Robins,
1201 Union Ave.

Pittsburgh, Pennsylvania
Robt. Hoffman Co.,
401 McCance Block

Cincinnati, Ohio
Turner Sales Co.,
711 Gynne Bldg.

Memphis, Tennessee
W. B. Bayless Co.,
440 N. Main St.

Minneapolis, Minn.
L. T. Abbott,
513 New York Life Bldg.



Exquisite Finishes for Toilet Goods Boxes

Every Kind of Fiber Container

With Tin or Fiber Ends

Choice of Many Styles

No Size too Small or too Large

A SIGN OF GOOD BOXES

YOU'LL SEE THIS SIGN IN EVERY FREIGHT DEPOT, EVERY EXPRESS DEPOT, EVERY POST OFFICE, AND IN FACT MOST EVERY SHIPPING ROOM OR WHEREVER BOXES ARE USED.

IF "ANCHOR BRAND" IS NOT STAMPED ON YOUR BOXES WE WANT TO KNOW IT, FOR YOUR BENEFIT AS WELL AS OURS.

Folding Paper Boxes
Sanitary Oyster and Ice Cream Pails
Corrugated Fibre Board Shipping Containers
For Freight - Express - Parcel Post
Special Packages of All Descriptions
From Corrugated Fibre Board. Wood Partitions

Sefton Manufacturing Corporation

1300 West 35th St., Chicago, Illinois, U. S. A.

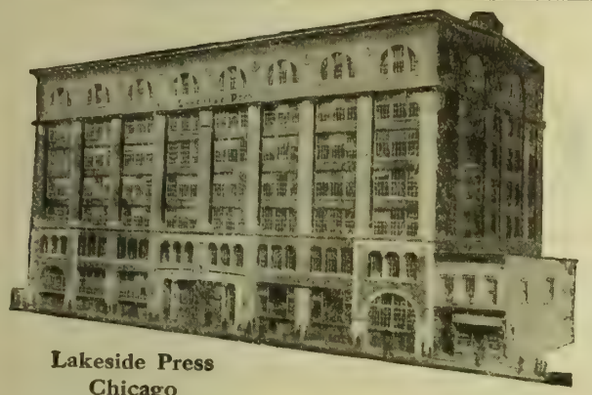
Factories — Chicago, Illinois — Anderson, Indiana — Brooklyn, New York

CHICAGO CARTON CO.

Designers, Printers, Makers of Folding Paper Boxes, Specialty Packages, Parcel Post Carriers and Fibre Shipping Cases. Proved Best by Test

4433 OGDEN AVE. — CHICAGO, ILLINOIS

Telephone Lawndale 906



Lakeside Press
Chicago

One of the Three Buildings We Occupy

The Reuben H. Donnelley Corporation and its allied Institutions constitute an organization of influence.

Employing 1500 people—occupying 485,000 square feet of floor space—we serve and satisfy hundreds of thousands. In this big building—only one of three we occupy—are developed many of our plans for making The National a real service to business. Artists, layout men, compositors and the experts of other departments necessary to efficient results are located here—

All in Our Own Building

The Answer to Your Problem

If you can't get what you want when you want it—or the paths of transportation are blocked by traffic—war or other causes—

If you have searched in many quarters and failed to locate the service, material or product you require and want to establish new business relations that may prove creditable, economical and serviceable—

Then consult this directory and guide and within its pages you can find numerous sources of supply—both national (in the "Business Section") and local (in the "Geographical Section")—that may result in the action and results you are looking for and need.

Consult Donnelley's National Classified Telephone Directory

An OFFSET PAPER with a Reputation to Maintain

For every grade of paper there is a certain standard — a sheet that combines all the desirable qualities.

Equator Offset

has the reputation among offset printers and users of being the standard offset paper — the one sheet giving the best printing results and the greatest production day after day the year 'round.

Equator Offset is made as a specialty. Rigid adherence to a certain standard for strength, finish, sizing, color, and packing, has and is producing a specialty Offset paper as uniform from every standpoint as is humanly and mechanically possible.

Send for samples and prices

Seaman Paper Company

Formerly

Bermingham & Seaman Co.

Paper Manufacturers

CHICAGO
208 So. La Salle St.

NEW YORK
200 Fifth Avenue

ST. LOUIS
BUFFALO

MINNEAPOLIS
ST. PAUL

MILWAUKEE
PHILADELPHIA

Megargee-Hare Paper Company

327 South La Salle St.
Chicago, Ill.
Telephone Harrison 2660

12-14 South Sixth St.
Philadelphia, Pa.
Bell, Market 1711; Keystone, Main 4100

BONDS

M.—H. Bond
Hammermill
Craftsman
Studio

COATED

Paragon
Snow White

MACHINE FINISH

Flat Rock
Chester Wove
Chester Laid
English Finish

WRITING

Gladwyn
M.—H. Writing
Megargee Extra Fine

LEDGER

Southern
Brown's Greylock
Egyptian
Leghorn

SUPER

Flat Rock
Craftsman
Rag Plate

CARDBOARDS ENVELOPES COVER STOCKS CUT CARDS
NEWS BLOTTING ONION SKIN HEADINGS ANNOUNCEMENTS

SAMPLES AND PRICES SENT ON REQUEST

Complete Sales Service

The three sections of this Guide establish a complete sales service.

Being on the Buyer's desk—ever present when an order is to be placed—this book is ready to give the information a buyer wants to know.

The "Business Section" contains the names and addresses of national organizations—equipped to serve you nationally—anywhere at anytime.

The "Geographical Section" contains the same service, arranged for the securing of quick deliveries at local points.

The "Catalog Section" gives you all the details you want to know in order to buy intelligently. A complete sales service.

Donnelley's
National Classified
Telephone Directory
and
Buyers' Guide

PAPER

FRANK GILBERT PAPER CO.

WATERFORD, N. Y.

PAPER MILLS { WATERFORD, N. Y.
COHOES, N. Y.

PULP MILL—COHOES, N. Y.

White and Colored Papers

For All Purposes

Low Prices Splendid Papers

Quick Service

Write Us For Prices

MULLEN BROS. PAPER CO.

Founded 1895 by John W. Mullen

ST. JOSEPH, MICHIGAN

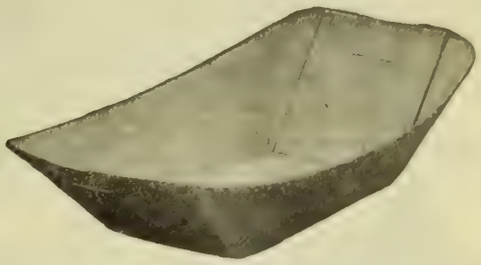
Manufacturers of

"MULLEN" Wax Lined Paper Butter Dishes

"MULLEN" Sugar Bags

"MULLEN" Red Rosin Sized Sheathing

"MULLEN" Wax Lined Paper Berry Baskets



Mullen Wax Lined Paper Butter Dish

All "MULLEN" specialties are manufactured complete in our own plant and shipped from the mill a finished product. All products are guaranteed to be exactly as represented and in accordance with the high quality of manufacture of this well known mill—"MULLEN" Quality.

ESTABLISHED 1855

MAURICE O'MEARA CO.

Manufacturers, Dealers, Importers and Exporters of

PAPER

ALL KINDS

NEWS, BOOK, WRITING, COATED, LEDGER, BOND, LITHO., LABEL, MUSIC, EMBOSSED, KRAFT, MANILLA, FIBRE.

448-450 PEARL STREET

Phone Worth 50, 51, 52, 53

LINING, CARDBOARD; TISSUES—INTERLEAVING, CARBON, PATTERN, WHITE, MANILLA, COLORS AND SPECIALTIES.

No Selling Campaign To Reach the Buyer Direct—

is complete unless it includes the telephone route between the desk of the man responsible for sales and the man who buys.

No selling campaign intended to reach the buyer direct is complete unless it makes it easy for the buyer to buy via the telephone.

No Buying Executive can afford not to take advantage of these National Classified markets—and no Sales Executive can profitably neglect these sources of purchase.

Both are brought together in this Directory and Guide—for service, speed, satisfaction and saving.

PORTRAITS FINISHED IN
BLACK & WHITE
WATER COLOR
MINIATURE
PASTEL
SEPIA
CHALK
TINT
INK

EMIL FRANKE

PORTRAIT COMMERCIAL AMATEUR ENLARGEMENTS OF EVERY DESCRIPTION FOR EVERY PURPOSE FOR DEALER

OFFICE, STUDIO & LABORATORY
142 W 23RD ST.

TELEPHONE CHELSEA 7985

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SCIENCE
LAW
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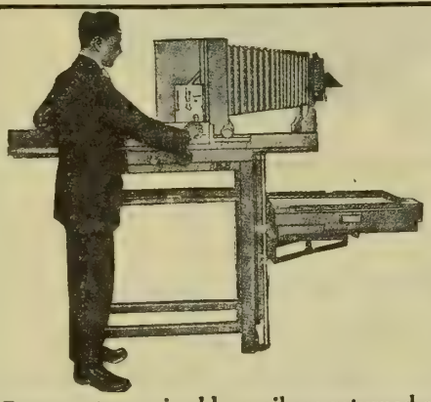


LANGTON COMPANY

PHOTOPRINTERS

Cortlandt 6221 30 Church St., NEW YORK CITY

NEW PROCESS FOR REPRODUCING

BLUE PRINTS—Tracings, Maps, Pencil Drawings, Engineers' Reports, Charts, Statements, Records, Price Lists

COURT EXHIBITS—Legal Documents, Book Pages, Briefs, Patent Drawings, Letters, Insurance Policies

PHOTOSTAT SERVICE *Legal Work a Specialty*

Documents received by mail are returned on SAME DAY THE ONLY PROCESS FOR COPYING BLUE PRINTS

PLAITERS AND FLUTERS

The Largest Plant of Its Kind

STAR PLEATING CO.

Pleating
Ruching

Hemstitching
Novelty Stitchings

101-109 West 23rd St.

Telephones CHELSEA 5225 5226 6282

New York

PLATERS

PLATING SMALL WORK

YOU CAN SAVE MONEY ON THIS CLASS OF WORK

With our automatic plating barrels and steel ball burnishing, we are doing some work as low as

2½ CENTS PER POUND

We do all kinds of small plating—screws, nails, rivets, buckles and small stampings in brass, bronze, copper or nickel. Send samples—we do the work right.

MONARCH PLATING WORKS

Telephone Main 2791 126 SOUTH CLINTON STREET, CHICAGO, ILL.

STEEL AND WOOD

PORTABLE GARAGES

WRITE FOR PRICES

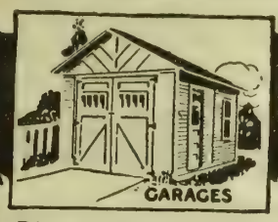
Manufactured by

GEORGE W. DALLERY

TELEPHONE MELROSE 9966

129 EAST 138th ST., NEW YORK CITY, N. Y.

KOLB PORTABLE BUILDINGS *for* EVERY PURPOSE



Private Garage — substantially built of steel or wood in a variety of designs and sizes.

Sectional Factory Warehouse—easily erected and easily transported. Very substantial.

Spacious Bungalow — attractive appearance, many sizes, different floor plans. In either portable or permanent construction.

High-grade buildings in every way ready for immediate use. We will do the erecting at cost anywhere within 50 miles of New York City, or you can do it yourself. Kolb Buildings are ready-made in sections—bolted construction. No waste materials. Write for catalog. If no stock model suits, will make a Kolb from your plans at no extra cost. Let us know your needs. We make no charge for suggestions. We build anything—from a chicken house to a church.

PHONE CORTLAND 4091-4092

KOLB PORTABLE BUILDING CO 36 Church St. New York, N.Y.

POST CARDS

POST CARDS

FOR ADVERTISERS—SELLING—PREMIUMS AND OTHER PURPOSES. DAILY CAPACITY ONE MILLION CARDS

Post Card and Picture Trade
We carry large stocks of photographic post cards (Bromides); endless variety of subjects such as lovers, women heads and figures, children, statues, bathers, dancers, nudes, religious, etc. Special subjects for the export trade. Illustrated list free. Sample outfit $5.

Advertising Post Cards
Reproduced from your originals, whether an automobile, laces or hats, at your or our studios, furnish models, draperies and whatever necessary and complete the job ready for mailing.

Printed Novelties
Whatever you have on your mind. Will furnish dummies, estimates, etc., free of charge.

Salesmen's Sample Sheets
Loose or in book form, muslin backed, durable, showing the original colors of your merchandise.

Calendar Manufacturers
Genuine photographs, black or colored, any size. Accurate reproductions from our or your subjects, small or large quantities, matchless quality at prices saving you fully 25 per cent.

View Post Cards
Printed to order from your photographs or black on white pictures, any size, in 8 different styles, from 100 of one picture upwards. Samples free. Also of interiors and exteriors of stores, restaurants, buildings, etc.

BROMIDE MFG. CO., 32 UNION SQUARE STUYVESANT 3249 NEW YORK, N. Y.

Thousands of People

¶ Thousands of people will use this Directory in getting prices and placing orders for their needs.

Only a small percentage of your possible sales is among customers who have your address and telephone call in their minds.

There are other customers, and those possible new ones, who will depend on this Directory as a medium for reference when they want to buy.

Unless you are classified where they can readily find you, business will be missed that should be yours.

The National safeguards you against such loss, because shrewd buyers and merchandisers are keen for the information this book contains and search its pages for the path to your door.

You Have a Standing Invitation to

Call and Inspect Our Plant and Up-to-date Facilities

You will find upon investigation that we appreciate catalogue and publication requirements, and that our service meets all demands.

We own the building as well as our printing plant and operate both to meet the requirements of our customers.

Day and Night Service

The best quality work handled by daylight

One of the largest and most completely equipped printing plants in the United States

Printing and Advertising Advisers and The Co-operative and Clearing House for Catalogues and Publications

We assist in securing catalogue compilers, advertising men, editors, or proper agency service, and render any other assistance we can toward the promotion, preparation and printing of catalogues and publications. Our interest in the success of every legitimate business and publication prompts us to offer our assistance in every direction that appears practical and possible, and we invite suggestions with a view of making our service most valuable.

Let Us Print Your Catalogues and Publications

THE GREAT CENTRAL MARKET

CATALOGUE and PUBLICATION

PRINTERS

Let Us Print Your Catalogues and Publications

ARTISTS—ENGRAVERS—ELECTROTYPERS

Make a Printing Connection with a Specialist and a Large and Absolutely Reliable Printing House

(Inquire Credit Agencies and First National Bank, Chicago, Ill.)

OUR SPECIALTIES

(1) Catalogues
(2) Booklets
(3) Trade Papers
(4) Magazines
(5) House Organs
(6) Price Lists
(7) Also Such Printing as **Proceedings, Directories, Histories, Books** and the like.

Our Complete Printing Equipment, all or any part of which is at your command, **embraces:**

TYPESETTING
(Linotype, Monotype and Hand)
PRESSWORK
(The usual, also Color and Rotary)
BINDING
(The usual, also Machine Gathering, Covering and Wireless Binding)
MAILING
ELECTROTYPING
ENGRAVING
DESIGNING
ART WORK

If You want advertising service, planning, illustrating, copy writing and assistance **or information** of any sort in regard to your advertising and printing, **we will be glad to assist or advise you.**

If desired, we mail your printed matter direct from Chicago—the central distributing point.

If you want **quality**—the education and training of our employes concentrated in one direction on the one class of printing in which we specialize, make the workmen more skillful.

If you want **delivery**—our plant is equipped with economical, time-saving machinery and is in *operation day and night the year around.*

If you want the **best price**—our unusual labor-saving material and equipment enables us to make exceptionally *low prices on our specialties.*

Our organization is excellent. When you place an order in our care you relieve yourself of all anxiety. You insure yourself

Proper Quality
Quick Delivery
Right Price

Our large and growing business is because of satisfied customers, because of repeat orders.

We are always pleased to give the names of a dozen or more of our customers to persons and firms contemplating placing printing orders with us.

Don't you owe it to yourself to find out what we can do for you?

Consulting with us about your printing problems and asking for estimates does not place you under any obligation whatever.

Let us estimate on your Catalogues and Publications

(We are strong on our specialties Particularly the Larger Orders)

USE NEW TYPE

For CATALOGUES and ADVERTISEMENTS

We have a large battery of type casting machines and with our system—having our own type foundry—we use the type once only, unless ordered held by customers for future editions. We have all standard faces and special type faces will be furnished if desired.

Clean Linotype and Monotype Faces

We have a large number of linotype and monotype machines and they are in the hands of expert operators. We have the standard faces and special type faces will be furnished if desired.

Good Presswork

We have a large number of up-to-date presses—**the usual, also color presses and rotaries**—and our pressmen and feeders are the best.

Binding and Mailing Service

We have up-to-date gathering, stitching and covering machines; also do **wireless binding.** The facilities of our bindery and mailing departments are so large that we deliver to the post office or customers as fast as the presses print.

ROGERS & HALL COMPANY

POLK & LA SALLE STREETS CHICAGO ILLINOIS

TELEPHONE WABASH 3381—LOCAL AND LONG DISTANCE

Largest High Grade Printers in the World

The most successful Advertising and Sales Plans are the result of the creative imagination of one man, developed by many specialists, each in his own individual line.

Co-operation between the Advertiser, Advertising or Sales Director, or Advertising Agency and those specialists who are going to help develop his ideas, is a fundamental factor to the successful completion of the plans.

Under one management, in our own buildings, every department dovetailing, we have the largest high-grade printing organization of specialists in the world.

Sales Campaigns
Advertisers' Service
Editorial and Copy
Mailing Lists
Addressing Department

Trade Catalogues
Commercial Photography
Art and Layout
Engraving
Electrotyping

Linotype, Monotype and Hand Composition
Cylinder Pressrooms
Rotary Pressrooms
Planogravure — Offset Lithography

Platen Pressroom
General Bindery
Edition Bindery
Mail Order Bindery

We are as close to you as your telephone, and our salesman will call wherever and whenever you desire to talk about your next Catalogue Booklet, Broadside or other "Printed Salesman."

The Lakeside Press

R. R. DONNELLEY & SONS COMPANY

Printers · Engravers · Binders

CHICAGO · · Telephone Harrison 350 · · U. S. A.

JOHN H. EGGERS COMPANY

INCORPORATED

Successors to

THE WINTHROP PRESS AND THE CHASMAR WINCHELL PRESS

PRINTING AND ADVERTISING

Original Ideas—Day and Night Service
Catalogs — Booklets — Color Work

We suggest efficient methods for securing best results in publicity

UNUSUAL INDUCEMENTS IN PRICE, QUALITY AND SPEED OF PRODUCTION ON LARGE EDITIONS

461 Eighth Avenue NEW YORK Telephone: Greeley 1010

THE WORK WE DO

Publications
House Organs
Multi-color Printing
Catalogues
Street Car Signs
Direct Mail Pieces
such as
Booklets, Folders, Mailing Cards Etc.
Advertising Composition Commercial Stationery
Office and Factory Forms

THE CUSTOMERS WE SERVE

International Magazine
Hearst's Magazine
Good Housekeeping Magazine
Cosmopolitan Magazine
Harper's Bazar
Robert McBride & Co.
Wireless Press
Towse Publishing Co
American Weekly Magazine
B'way Subways & Home Boroughs Car Ad. Co
Humanitarian Publishing Co.

THE McCONNELL PRINTING COMPANY

226-242 WILLIAM ST.

E. E. WONDERLY Manager
Phones: Beekman 2980, 81, 82

NEW YORK CITY

• WRITE OR PHONE OUR SERVICE DEPARTMENT •

RAND McNALLY & CO. CHICAGO—NEW YORK

PRINTERS—PUBLISHERS—ENGRAVERS

MAP MAKERS FOR ALL THE WORLD

EDITION
WORK
CATALOGS

Prepare, design, illustrate, print and bind all forms of advertising literature.
Monotype, Linotype and Hand Composition.

STEAM AND ELECTRIC RAILROAD TICKETS
COUPON BOOKS

Time tables, folders, ticket office furniture,
ticket cases, conductors' punches, baggage checks, dating stamps.

BEST BOOKS
FOR
CHILDREN

Your Listings In This Book

represent an open door to the buyers of the United States.

To fail to list your name and product here, is to close the opened door in the face of tremendous buying power.

"Donnelley's National Classified Telephone Directory and Buyers' Guide"

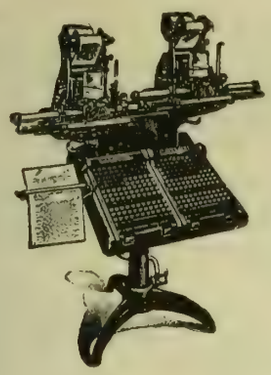
Saving Lost Motion

If the seller and the buyer could be brought together at the right moment—economy of time, money and energy would be established. It is the lost motion now necessary to bring these two factors together—because of no adequate connecting link—that often kills efficiency in buying and selling.

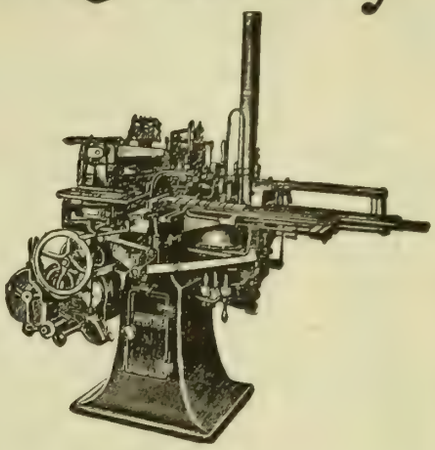
Eliminate this lost motion—this wasted energy—by consulting this Directory and Guide. Its values are evident on every page.

Donnelley's National Classified Telephone Directory
and
Buyers' Guide
Chicago
U. S. A.

Satisfaction and Quality



The Essentials of Good Printing



Are Assured to Wise Buyers

who specify

MONOTYPE COMPOSITION
and MONOTYPE TYPE

on every printing order

Monotype Composition secures you all the advantages of the latest and best improvements in machine composition, coupled with the accuracy and care that you always expect of hand work, besides giving brand new type for every book, pamphlet, catalog, booklet, etc., no matter how many or how few pages. Monotype composition gives you just the type you want and all you need of it and makes your copy fit the space without unsightly spacing or ugly crowding of lines. Monotype composition gives you minimum cost for the necessary alterations and corrections and ease of handling such as is afforded by no other method. For Satisfaction and Quality specify Monotype composition.

Monotype Type secures you the advantages of brand new type, rules, borders, and other material for every job, from the smallest envelope corner to the largest catalog, from the ordinary post-card notice to the big illustrated broadside or folder. Monotype type gives you all the type you want of any face, just when you want it; you do not have to take something else because there is not enough of the kind you want. Monotype type means economical hand composition, better presswork, with less make-ready, prompter service, and insures satisfaction and quality in your job work. If you desire the best and most attractive printing for your direct advertising, specify Monotype type.

LANSTON MONOTYPE MACHINE CO.
PHILADELPHIA

New York: World Building
Boston: Wentworth Building
Chicago: Plymouth Building
Toronto: Lumsden Building
Monotype Company of California, San Francisco, Rialto Building

163

This advertisement is composed in Monotype No. 36 Series and Monotype Rule

HUNT WHITE WASH NOZZLE

BORDEAUX NOZZLE

Pumps for Spraying and White Washing

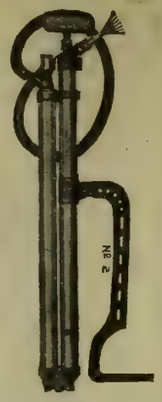
HUNT BRASS WORKS

FOUNDERS, FINISHERS and PLATERS

Patterns, Models, Chasing, Screw Machine Work, Ideas Perfected. Contract Work, High Grade Work Only

Telephone Ravenswood 2244

1617 & 1619 Winona Avenue Chicago, Ill.



"THE BINKS"

STYLE "A"

THE STAR BRASS WORKS

MANUFACTURERS

40 STYLES and SIZES

SPRAYING MACHINES

—FOR—

WHITEWASHING, PAINTING, DISINFECTING and ALL SPRAYING PURPOSES.

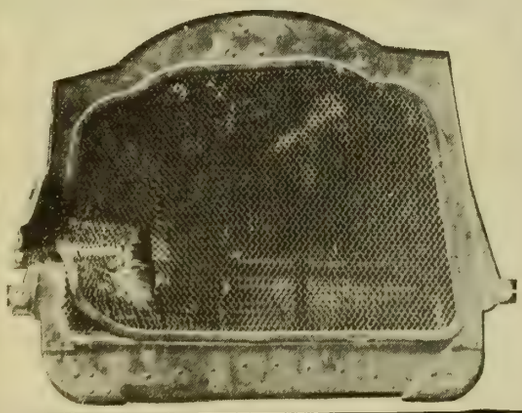
We manufacture a Sprayer for every requirement with the largest range of styles and sizes to select from on the market—at all prices. Do that cleaning up job by the spray process. Write for catalog and full particulars.

Telephone Kedzie 9551 3114-20 Carroll Ave. CHICAGO, ILL.

"THE BINKS"

STYLE No. 21

RADIATOR REPAIRING



RADIATORS REPAIRED

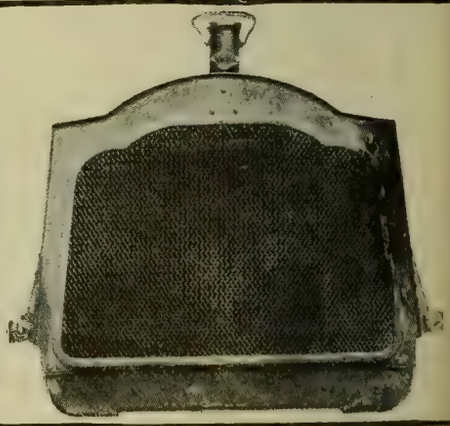
SERVICES—We are equipped to handle and repair the worst cases of damaged automobile radiators. The cost in every case will be far below the price of a new radiator, and the workmanship is positively guaranteed. The radiator cut at the right represents the same radiator shown in cut at the left after leaving our shops.

ESTIMATES will be gladly furnished on any work.

Buffalo Auto Radiator & Fender Repair

23 MAPLE ST. CHERRY 5788

DETROIT, MICH.



REAL ESTATE BROKERS AND AGENTS

INDUSTRIAL REAL ESTATE

FACTORY SITES

Water Front and Railroad Properties

WM. MARTIEN & CO.

Factory Site Brokers

LEXINGTON BLDG. BALTIMORE, MARYLAND

FRED PATERSON & CO.

DETROIT, MICHIGAN

FACTORIES, FACTORY SITES
ACREAGE ALL PARTS OF CITY
BUSINESS PROPERTIES, LEASES, ETC.

HIGH GRADE RESIDENCES
GROSSE POINTE—INDIAN VILLAGE
NORTH WOODWARD and BLOOMFIELD HILLS

Specialists in Exclusive Realty

1364-68 Penobscot Bldg. **Telephone Cherry 5026**

RESTAURANT SUPPLIES

Telephone 7323 SPRING

RESTAURANT FURNITURE CO.

New and Slightly Used

Tables, Chairs, Counters, Ice Boxes, Coffee Urns, Steam Tables, Plate Warmers, French Ranges, Broilers, Silverware, Crockery, Kitchen Untensils, etc. Anything and everything to fit up a dining room or kitchen, either large or small.

142-144 WOOSTER ST., bet. Houston & Prince Sts. **NEW YORK**

RIBBON MANUFACTURERS

RIBBONS

For the Wholesale and Manufacturing Trade

WALTER EMMERICH & CO.

Salesroom at

428 Fourth Ave., at 29th St., New York

Telephones Madison Square 8730 & 8731

Frankenthaler & Frankenthaler

622-4-6 BROADWAY, N. Y. CITY

Ribbons

Importers and Manufacturers to the Wholesale, Retail and Cutting-up Trade

Belt & Specialty Mnfg. Corp.

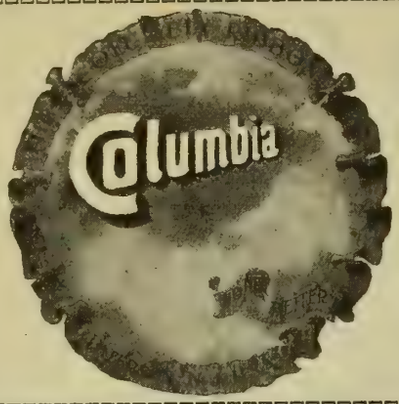
622-4-6 BROADWAY, N. Y. CITY

Specialists and Leaders in the Manufacture of

Leather Belts

For Gentlemen
All Grades, Styles, Qualities

FRANKENTHALER & FRANKENTHALER FACTORS



COLUMBIA RIBBON COMPANY

PATERSON, N. J.

Manufacturers

Hat Trimmings — Ribbons
Skirt Beltings — Shoe Bows

Offices: NEW YORK BOSTON CHICAGO

RUBBER GOODS

GOTTWIK, SCHEFFER & CO.

25 Church Street — Cortlandt 1166

New York, U. S. A.

Specializing in

DRUGGISTS' AND HOSPITAL SUPPLIES

Write for Our Catalogue

L. C. SAGONA CO.

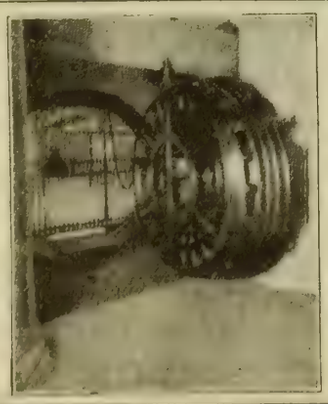
Acid and Electricians' Gloves, Surgeons' Gloves, Household Gloves

If It's Rubber — We Make It

Automobile Tires, Rubber Drug Sundries, Belting, Brewers' Wheels, Hose, Packing, Mats, Matting, Tubing. Also moulded and mechanical rubber goods. Special moulded and seamless goods made to order.

Hudson Terminal Bldg. — 50 CHURCH STREET, NEW YORK CITY — Tel. Cortlandt 3712

SAFE DEPOSIT VAULTS



SAFETY FIRST! — *RENT A SAFE NOW!*

The Safe Deposit Company of New York

SINGER BUILDING — 149 BROADWAY

FIRST IN THE WORLD—CHARTERED 1861
FIRST IN EXPERIENCE—OVER 50 YEARS
FIRST IN CONSTRUCTION—NEW VAULTS
FIRST IN EQUIPMENT—EVERY CONVENIENCE
FIRST IN VENTILATION—COOL, PURE AIR

We have Just Installed a New System for Cooling the Air, Making Our Offices, Vaults, Reception and Coupon Rooms the Coolest in New York City.

WE INVITE YOUR INSPECTION

TELEPHONE 7601 CORTLANDT FOR BOOKLET

SAFETY SERVICE AND SUPPLIES COMPANY

ACCIDENT PREVENTION DEVICES
SANITARY EQUIPMENT
9003 COMMERCIAL AVE., CHICAGO

FIRST AID SUPPLIES

LONG DISTANCE TEL. SO. CHICAGO 3286

FIRE FIGHTING APPARATUS
MACHINE GUARDS
Send for Catalog and Monthly Bulletin

Fire Prevention & Fighting Apparatus

Soda Chemical Extinguishers
Pyrene Fyr-Fyter & J. M. Extinguishers
All Fire Fighting and Prevention Supplies

Hospital and First Aid Supplies

Oxygen Rescue Apparatus
Gas-Co Apparatus
First Aid Outfits
Army Stretchers and Boxes
Respirators—Blankets
Hospital Supplies, Etc.

Miscellaneous

Non-Explosive Cans
Safety Ladder Shoes
Switchboard Mats
Drinking Fountains
Emery Wheel Guards & Stands
Steel Lockers
Drinking Cups and Holders

Novelty Prize Department

Safety Lapel Buttons
Safety Service Medals
Safety Watches, Etc., Etc.

Our Specialties!

Sure-Safe Appliances
Guards Made to Order
Goggles—the safe kinds
Safety Hand Leathers
Safety Leggins, Etc., Etc.

Printing Department

Illustrated Safety Posters
Illustrated Safety Bulletins
Illustrated Safety Rule Books
Illustrated Monthly Bulletins
Illustrated Safety Post Cards
Books on Safety Subjects
Forms Safety Departments

Safety Department Supplies

Office Furniture
Filing Cabinets
Photographic Supplies, Etc.

Sanitary Supplies

Steel Litter Boxes
Disinfectant Supplies
Paper Towels
Toilet Paper
Plumbing Supplies

Sign Department

Enameled Steel Signs
Safety Bulletin Boards
Illuminated Signs
"Men on Track" Derail Signs
"Men Working Above" Signs
Safety Exhibit Devices

Service Department

Safety Inspections
Safety Lectures
Bulletin Board Service
Expert Consultations

SAMPLE CASES—MANUFACTURERS

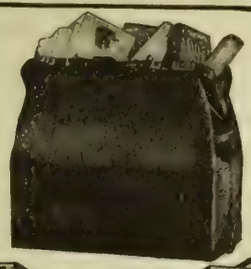
"MADE RIGHT"

SAMPLE CASES

MOTOR LUNCHEON CASES, ETC.

Protected by Trade Marks and Patents.

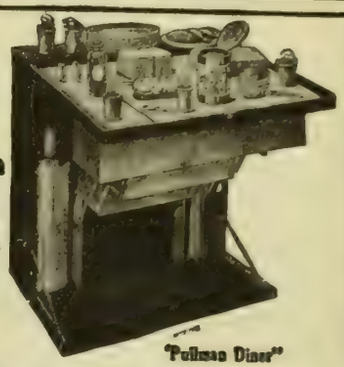
Every Size, Style, Kind, Materials and Quantity in stock or made to order. For Candies, Crackers or any line whatsoever, sold by sample.



Traveling Bags, Portfolios, Fishing Tackle Kits, Etc.

WORLD KNOWN

Standardized Products in a class by themselves.



"Pullman Diner"

Write or Send Postal Today.

EST. 1900 BY
WM. SCHWEITZER and H. H. LABADIE

Ask for UNUSUAL CATALOGUE
Sketch and Prices of Specials Free

KNICKERBOCKER CASE CO.
Fulton and Clinton Sts., CHICAGO, U. S. A.

SANITARIUMS—DRINK AND DRUG HABIT

DR. POWER GRIBBLE'S PRIVATE SANITARIUM

For the Humane and Effective Treatment of Drug, Alcohol and Tobacco Addictions

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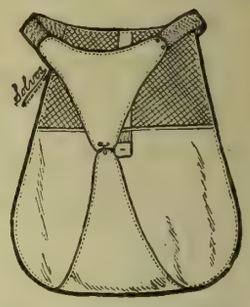

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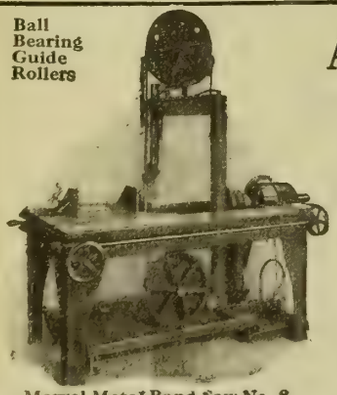

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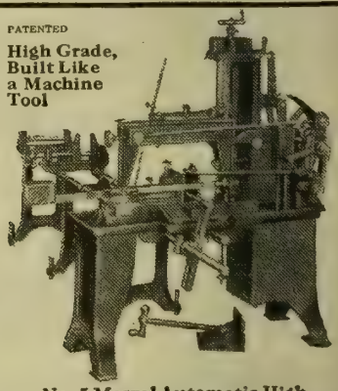

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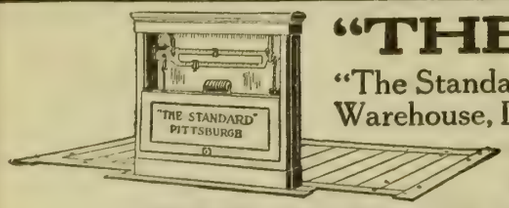

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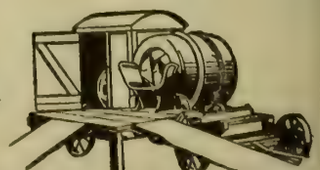

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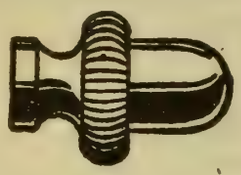

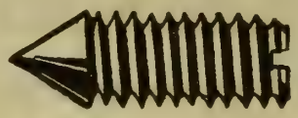
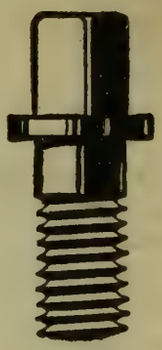

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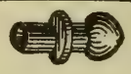

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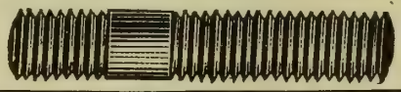

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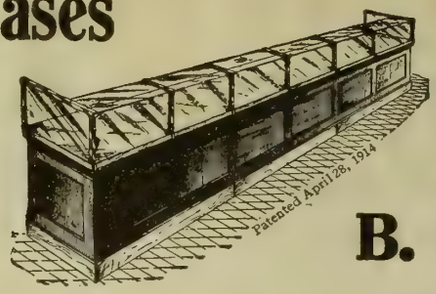

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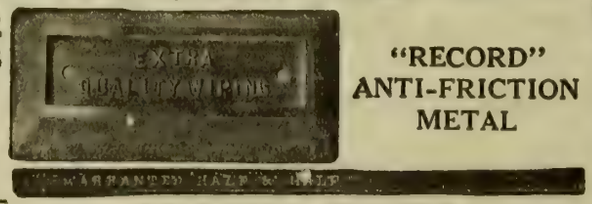

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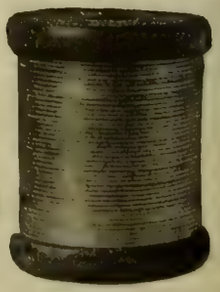

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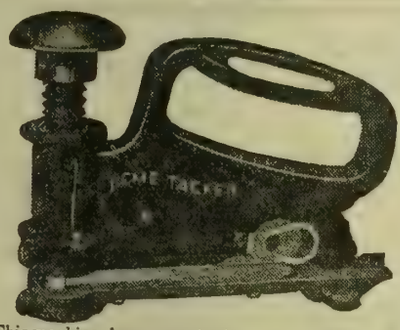

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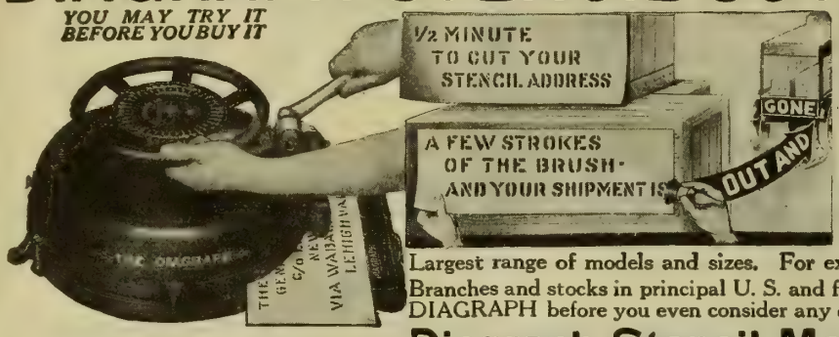

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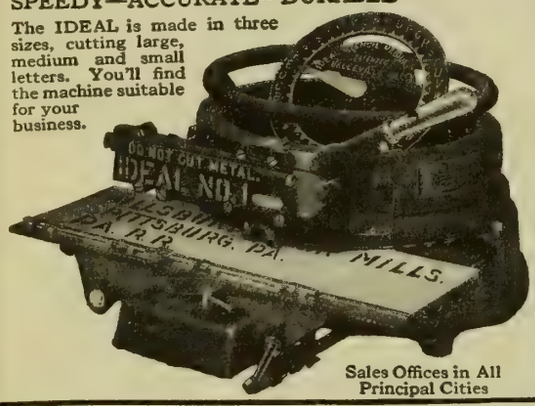

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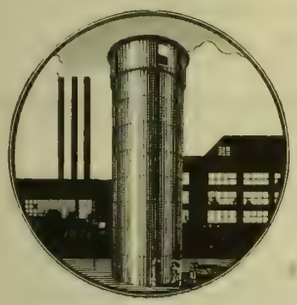

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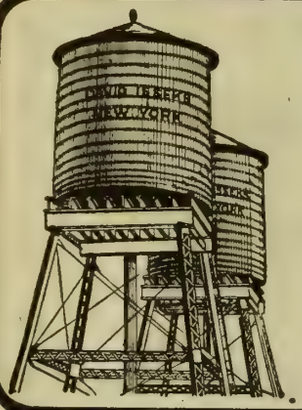

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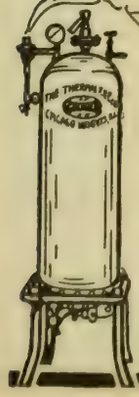

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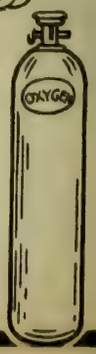

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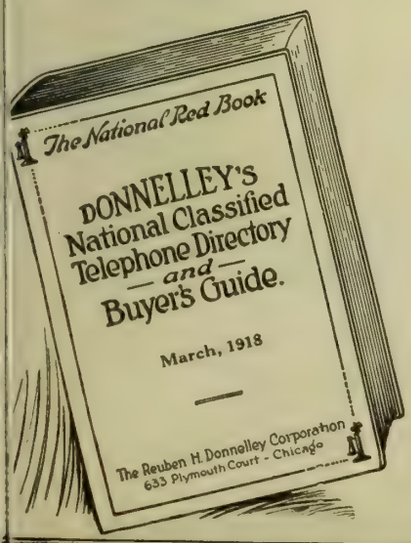

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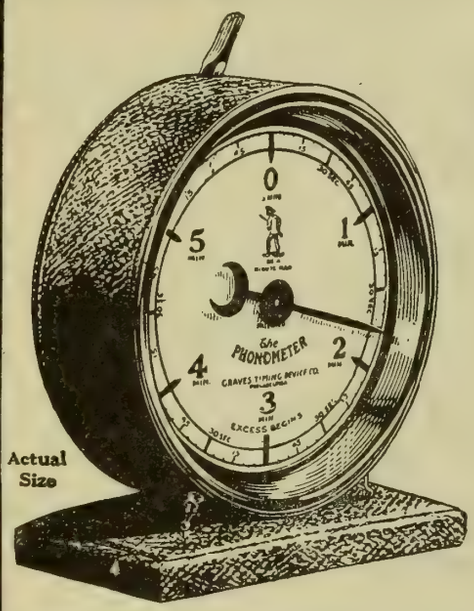

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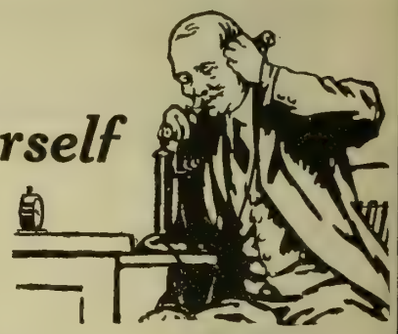

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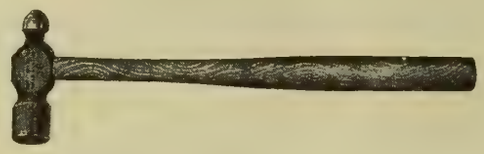

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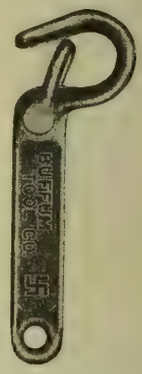

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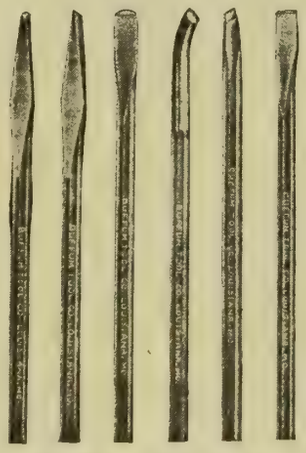

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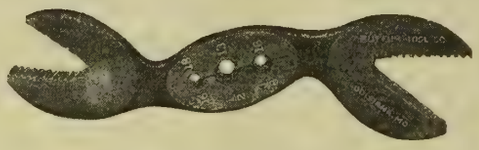

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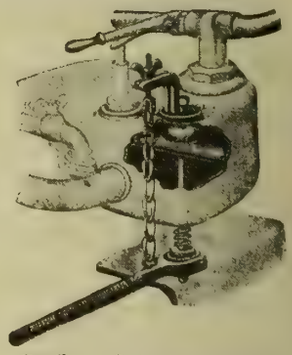

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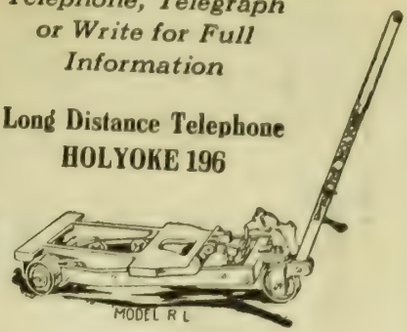

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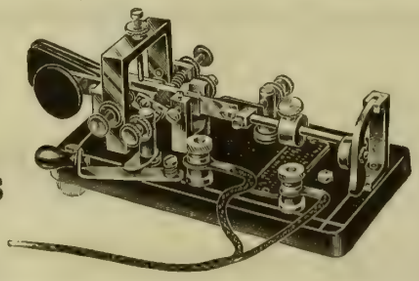

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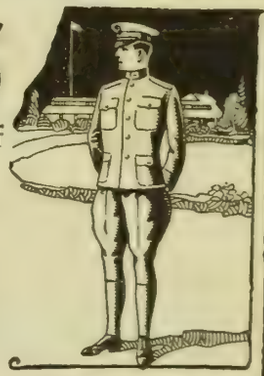

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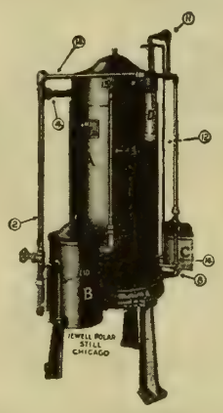

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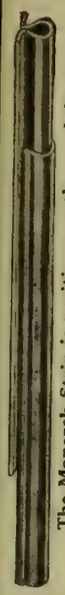
Manufacturers of Weather Strips, and Casement and Transom Stays, Adjusters and Locks



The Monarch Strip is positive; weather and dust can't get around it

Top or Head

Sides

Middle or Meeting Rails

Bottom or Sill

WEATHER STRIPS

Monarch Metal Weather Strips positively and absolutely *stop* rain, snow, wind, heat, cold, dust and dirt.

They permanently seal up cracks and spaces existing at these points, and prevent rattling and create an *easy-running* window.

Monarch Metal Weather Strips are applied only by skilled mechanics in the employ of our licensed representatives. This insures a satisfactory equipment that is "Leak-Proof" under the most adverse conditions.

Once installed, no further attention is necessary, as they are made of enduring metal—and retain their shape and efficiency for a lifetime.

Monarch Metal Weather Strips are the only strips that can be applied to *new* buildings as well as *old, without losing their efficiency.*

Wasting of Coal is an Economic Crime

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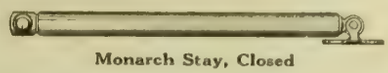
MONARCH CASEMENT WINDOW AND TRANSOM STAY is entirely *automatic* and STAYS PUT. It will hold the window open "Just as you want it."

It requires no adjustment. It is never in the way. It will never pull apart. It requires no special tools. It can be put on by anyone.

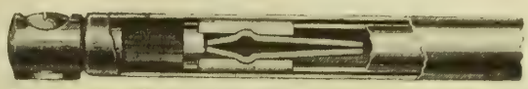


Monarch Stay, Closed

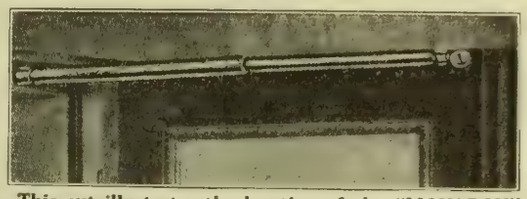
Monarch Stay, Open

The *Inner Tube* is provided with two "friction shoes," fitted to and pressed against the walls of the *Outer Tube* by the action of the expanding member.

This creates a friction surface that is positively firm in action, holding the window securely at any angle, at the same time acting as a "shock absorber."



Interior view of Stay, showing positive, permanent spring expanding fibre shoes against inner walls of tube



This cut illustrates the location of the "MONARCH" Casement Stay, concealed by being recessed in the top of sash. With the "MONARCH," no hand adjustment is necessary. It is entirely automatic — SIMPLY OPEN THE WINDOW

THE MONARCH STAY

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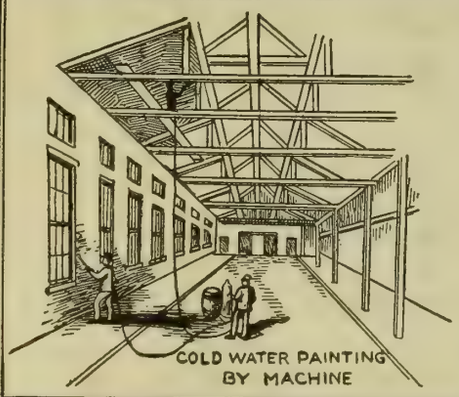
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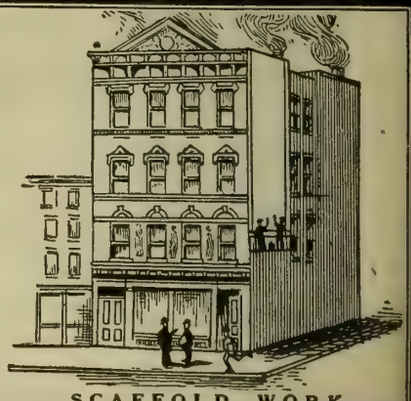
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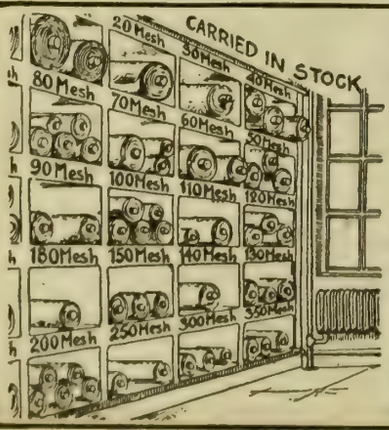

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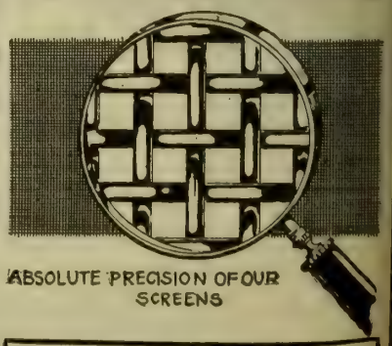
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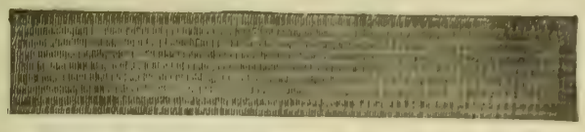

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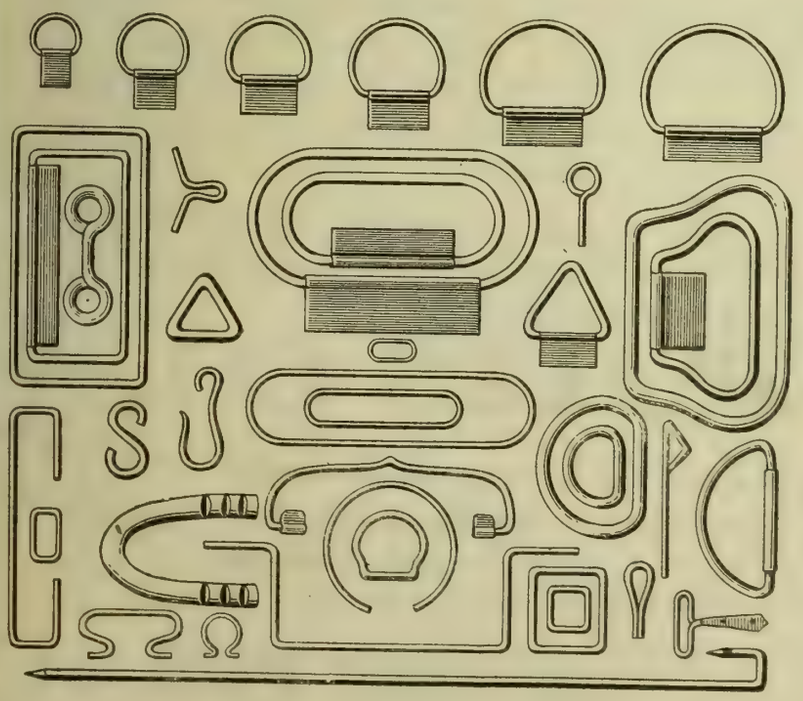

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